



**PARATECH®**  
**TESTED PROVEN TOUGH**



# Timeline



**1962** WORLD'S FAMOUS PRY AXE INTRODUCED



**1965** THE HOOLIGAN TOOL, THE WORLD'S FIRST PRODUCTION "HALLIGAN" TYPE FORCIBLE TOOL IS INTRODUCED



**1976** MAXIFORCE® AIR LIFTING BAGS INTRODUCED TO THE UNITED STATES FIRE RESCUE SERVICE

**1979** PARATECH BECOMES THE FIRST U.S. MANUFACTURER OF A MOLDED, HIGH PRESSURE AIR LIFTING BAG



**1981** THE P-10 TRUCK MADE BY PARATECH FOR THE U.S.A. AIR FORCE STATIONED IN SOUTH KOREA



**1983** PARATECH INTRODUCES THE WORLD'S FIRST KEVLAR® REINFORCED AIR LIFTING BAGS UNDER ITS MAXIFORCE® TRADEMARK



**1984** PARATECH INTRODUCES THE AIRGUN 40 PNEUMATIC IMPACT TOOL



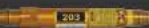
**1992** RESCUE STRUTS, THE FIRST SELF-LOCKING COLLAPSE SUPPORT SYSTEMS IN THE WORLD ARE INTRODUCED



**1993** FIRST VEHICLE STABILIZATION (VSK) KIT CREATED



**1998** PARATECH ACHIEVES ISO 9001 CERTIFICATION



**2000** LONGSHORE STRUTS DESIGNED & DEVELOPED FOR HIGH ANGLE COLLAPSE RESCUE



**2002** THE BUSTER TOOL IS DESIGNED TO MEET AND EXCEED FAA REGULATIONS FOR CRASH AXES



**2002** PARATECH EU IS ESTABLISHED IN DENMARK IN ORDER TO CREATE A STRONGER PRESENCE IN EUROPE



**2003** PARATECH RESCUE SUPPORT SYSTEMS ARE ADAPTED BY FEMA AS A STANDARD



**2005** THE SHORING HAMMER IS INTRODUCED AND USED THROUGHOUT NEW ORLEANS IN THE WAKE OF HURRICANE KATRINA



**2006** THE SMT™ (SPECIAL MISSION TENDER) IS INTRODUCED FOR QUICK AND EASY DEPLOYMENT AND PURCHASE OF PARATECH EQUIPMENT



**2007** THE WALER SYSTEM IS DEVELOPED



**2008** THE MULTI BASE IS DESIGNED FOR RESCUE SUPPORT SYSTEMS



**2010** THE STRONGEST 'ALL IN ONE' VEHICLE STABILIZER, THE TVS, (TWISTLOCK VEHICLE STABILIZER) IS INTRODUCED



**2012** ABSOLUTE RAKER—FIRST ALL MECHANICAL RAKER SHORE INTRODUCED



**2013** HYDRAULIC-FUSION-STRUT (HFS) PARATECH'S FIRST HYDRAULIC RESCUE STRUT UNVEILED



**2014** DAMAGE CONTROL SYSTEMS (DCS) PARATECH DCS INSTALLED ON SWEDISH NAVY SHIPS



**2014** PARATECH INTRODUCES MAXIFORCE® G2 AIR LIFTING BAGS



**2014** THE TITAN CRASH AXE IS CREATED BY PARATECH, WITH INPUT FROM THE AIR FORCE'S PARARESCUEMEN



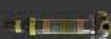
**2015** THE MULTIFORCE® AIR LIFTING BAG IS INTRODUCED



**2016** THE VSK CONTROLLER IS INTRODUCED



**2016** MULTIFORCE POSITIONING LIGHTS ARE INTRODUCED



**2018** PARATECH INTRODUCES THE ACMETHREAD STRUT DRIVER



**2019** THE G3 DEADMAN CONTROLLERS AND VENTED COUPLINGS ARE INTRODUCED

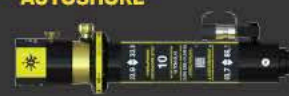


**2020** THE RESCUE GUARDIAN AND G3 PRESET REGULATOR ARE INTRODUCED



**2024** PARATECH INTRODUCES MAXIFORCE® G3 AIR LIFTING BAGS

**2026** PARATECH INTRODUCES HYDRAFUSION AUTOSHORE





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# PARATECH®

For more than 60 years, Paratech has been combining innovative design with cutting edge technology to provide the highest quality and most user-friendly tools available for rescue and beyond. From the world's most advanced collapse support solutions to some of the world's strongest forcible entry tools, Paratech makes technical rescue operations simpler, safer and more productive.

Our product lines are comprised of Rescue Support Systems, MAXIFORCE® Air Lifting Bags, MULTIFORCE® Air Lifting Bag, Powered Impact Tools, Forcible Entry Tools, Rescue Air Cushions, and the ultimate collection of essential Paratech products...the TRRU™.

Technical Rescue Response Trailer equipped specifically for either urban search and rescue or trench rescue, both are loaded with all of the necessary Paratech tools needed for technical rescue.

Paratech products are extensively used by fire departments worldwide including, but not limited to: all major U.S. cities, Copenhagen, Tokyo, London, Lyon, Madrid, Singapore and Istanbul. In addition, they have been selected by disaster agencies in the United States, Denmark, Japan, United Kingdom and Turkey as the standard for their rescue teams and technical rescue caches.



# PARATECH®

## Training & Tactics Courses

Paratech is a firm believer that instruction in rescue operations should be delivered by companies specialized in doing just that.

We have received requests from customers around the world to provide instruction specific to Paratech products – The Paratech Training and Tactics program delivers this in two ways: the Paratech online workshops and through our comprehensive Training and Tactics Program where we have partnered with some of the best Training Companies around the world, use QR code for quotes and further information.

Learn More



### Training Highlights



#### Vehicle & Machinery

Stabilizing and lifting light vehicles using air bags and StrutDrivers.



#### Building Collapse

Solid Sole, Flying, Split Sole and Corner Rakers. Window and door shores. Internal shoring and sloped floor shore.



#### Lifting & Moving

Using Paratech Monopod, Bipod and Tripods to lift and move objects using ropes and come-alongs.



#### Heavy Vehicle Stabilization and Lifting

Stabilizing and lifting heavy vehicles using air bags and HydraFusion struts.

# PARATECH®

## RESCUE TEAM



The curriculum can also be customized to the department preferences: Trench Rescue, Structure Collapse, Confined Space, Agriculture Rescue and Vehicle Machinery Tech.



#### Lifting & Moving

Single, double and daisy chain lifts with Maxiforce Air Lifting Bags. Rescue Air Cushions and MultiForce Air Lifting Bags lifts.

# PARATECH®

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[www.paratech.com](http://www.paratech.com)



# Technical Rescue Response Unit

## Paratech Technical Rescue Response Units - (TRRU)

The Paratech TRRU is a low maintenance and cost effective solution for fire departments and rescue teams. A neat and organized mobile container for all your Paratech Technical Rescue Equipment. Always ready to deploy.

All the features of a rescue truck without the cost of indoor storage, maintenance and upkeep.

### COMPACT TRRU





# Technical Rescue Response Unit

**Covers all your equipment needs for:**

- Man and Machine Rescue
- Trench Rescue
- Building Collapse Rescue
- Heavy Vehicle Rescue

**100TH  
PARATECH.**



TECHNICAL RESCUE RESPONSE UNIT  
IN THE WORLD

**ADVANCED TRRU**

## 100TH PARATECH TRAILER



**Learn More**



**PARATECH**

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[www.paratech.com](http://www.paratech.com)



# Technical Rescue Response Unit

## Compact TRRU

The Compact TRRU is fully capable of initiating an array of US&R and vehicle rescues. It is small enough to maneuver through narrow streets, but big enough to respond to a vast array of rescues. The Compact TRRU is self-contained, can be remote positioned and is ready to roll at any time. This versatile trailer consists of a comprehensive set of Paratech equipment in one compact, mobile package. Includes an Absolute Flying Raker, Remote Placement MULTIFORCE Bag Kit, Man and Machine Kit, Air Control Case, Pakhammer Kit, PRT Kit and much much more.

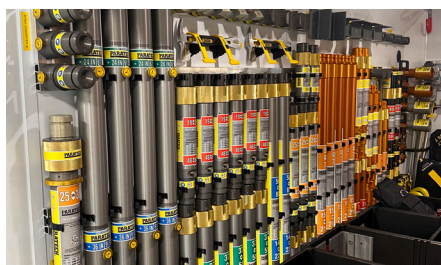


- Compact Cache
- Compact Size
- Remote Positioning
- Easy Maneuvering

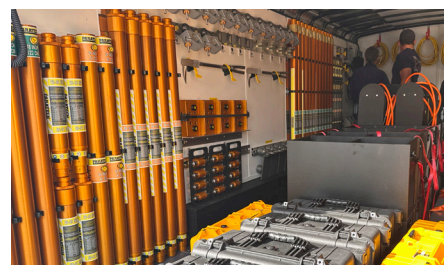
| Part No.    | Description                 |
|-------------|-----------------------------|
| 22-700180   | Compact TRRU, US            |
| 22-700200EU | Compact TRRU, International |



Compact Size



Organized

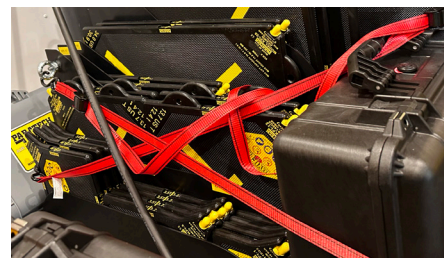


Full Overview

Learn More



Easy Access



Secure



# Technical Rescue Response Unit

## Advanced TRRU

The Advanced TRRU consists of the most comprehensive set of Paratech rescue equipment you will ever find in one mobile unit. It comes fully loaded for US&R, trench and heavy vehicle rescues. The Advanced TRRU is self-contained. It can be remote positioned and is ready to roll at any time. The Advanced TRRU is big enough to hold an advance logistics point or even a small command post. Includes full Raker Sets, Flying Raker Sets, Trench Kits, Remote Placement Multiforce Bag Kit, Man and Machine Kit, Air Control Case, Pakhammer Kit, PRT Kit and much much more.

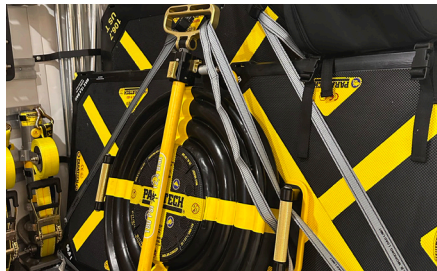
- **Roof Command Light**
- **Extensive Cache**
- **40% larger**
- **Remote Positioning**
- **Rack for Air Lifting Bags**
- **Cache Graphics**
- **LED Lighting**



| Part No.  | Description                                     |
|-----------|-------------------------------------------------|
| 22-700238 | Advanced TRRU, with Generator and Data Kiosk    |
| 22-700248 | Advanced TRRU, without Generator and Data Kiosk |



**Advanced Lighting Package**



**Maxiforce® Master Rack**



**Storage Layout Graphics for Easy Reloading of Equipment**



**Learn More**









## The Paratech Rescue Support System

The Paratech Rescue Support System is truly a "go anywhere" system. Designed to be effective for the simplest to the most demanding deployment, there isn't a more comprehensive, scalable and straightforward system than Paratech's. Whether you choose the precision of the AcmeThread Strut, the automatic locking collar of the LockStroke Strut or the added length of the LongShore Strut, they are strong and versatile enough for nearly every collapse and stabilization scenario.

The entire system includes 5 sizes of AcmeThread Struts, 4 sizes of LockStroke Struts, 3 sizes of HydraFusion Struts, 4 sizes of AcmeThread/LockStroke Extensions, 5 sizes of LongShore Struts, 4 LongShore Extensions and over 20 interchangeable base plates designed to support a wide variety of contact points. All aluminum alloy components of the Rescue Support System are hard coat anodized to reduce electrical conductivity and increase strength and durability.

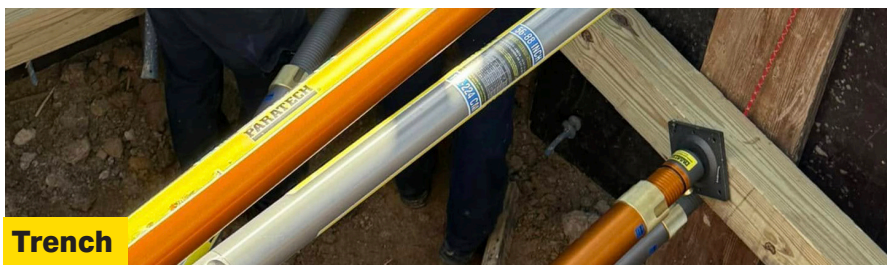
Truly a system that will not stop growing, Paratech's Rescue Support System can be used in excavation collapse (trenches, mines), vehicle stabilization, structural collapse and reinforcement, or wherever there is a need for quick, strong and safe vertical or horizontal shoring.

### Structural Shoring

Earthquakes, construction collapse, cave-ins, floods and structural fire damage require a collapse rescue system designed for the purpose of extracting victims in a safe and timely manner.

### Vehicle Stabilization

Paratech Vehicle Stabilization Kits have the strength and flexibility to handle any size vehicle anytime, anywhere. This includes sub compact cars, buses, cement trucks and even locomotives. Additionally, these components provide the extra value of being completely interchangeable with your other Paratech equipment for building collapse and trench rescue scenarios.



### Trench Shoring

Paratech's pneumatic Rescue Struts allow for remote placement and easy locking as well as safe, remote removal. Used in combination with our Waler System, trench rescue has never been faster, easier or safer.

### Special Applications

To be used in combination with Paratech's LongShore, AcmeThread and LockStroke Struts, a wide variety of bases and accessories are available to assist in numerous special application scenarios. These include, but in no way limited to: elevator shaft access and victim retrieval, high angle applications, confined space work and trench rescue.

Add-on kits include: Tripod, Bipod, Monopod and Elevator Support Unit Kits.





# Rescue Support Systems

## RESCUE GUARDIAN

**Part No. 22-796RG1**

The most advanced monitoring and alarm system for technical rescue available. Remotely **monitor multiple Rescue Guardians at once on either Android or iPhone** operating systems. Receive notifications of any change in status. Designed by rescue professionals for rescue professionals. The ultimate in rescue monitoring technology.

### **Monitors:**

Load, Vibration, Incline

### **Wirelessly Transmits:**

Load change, Seismic activity, Incline data

### **Warning System:**

6 high powered red LEDs high decibel auditory alarm

### **Notifications via Bluetooth**

### **Applications:**

Structural Collapse (Raker Shoring, Vertical Shoring), Vehicle Stabilization, Trench Rescue, Stand-alone monitoring



### **Long Battery Life**

under continuous usage in low-power monitoring mode. Includes a low battery warning. Easily replaceable and available lithium ion batteries.

### **Advanced Technology**

**for all types of rescues**



**Download The App Here!**

### **Easy To Use**

**and Very Customizable**

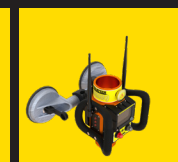
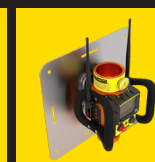


### **Remote Monitoring App**

Very secure and very flexible. Use loaded presets for standard applications or adjust them to custom, savable settings based on your requirements. This software is designed to be intuitive and easy to learn. Future ready for upgrades and updates.



**Use in-line with Rescue Struts numerous mounting configurations available!**





# Rescue Support Systems

## Rescue Guardian 1 Kit



### 22-796RG1-1K

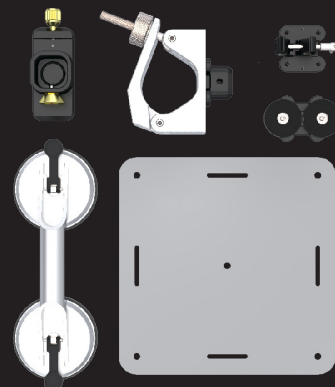
| Part No.  | Description                      | Quantity |
|-----------|----------------------------------|----------|
| 22-796RG1 | Rescue Guardian                  | 1        |
| 22-796598 | Rescue Guardian Magnet Clamp     | 1        |
| 22-796699 | Rescue Guardian Clamp and Clevis | 1        |
| 22-796625 | Rescue Guardian Nailing Plate    | 1        |
| 22-796627 | Rescue Guardian Suction          | 1        |
| 22-796634 | Rescue Guardian Base Clamp       | 1        |
| 22-796663 | Rescue Guardian Carrying Case    | 1        |
| 22-796678 | Rescue Guardian Adpt. Plate      | 1        |

## Rescue Guardian 2 Kit



### 22-796RG1-2K

| Part No.  | Description                      | Quantity |
|-----------|----------------------------------|----------|
| 22-796RG1 | Rescue Guardian                  | 2        |
| 22-796598 | Rescue Guardian Magnet Clamp     | 1        |
| 22-796699 | Rescue Guardian Clamp and Clevis | 1        |
| 22-796625 | Rescue Guardian Nailing Plate    | 1        |
| 22-796627 | Rescue Guardian Suction          | 1        |
| 22-796634 | Rescue Guardian Base Clamp       | 1        |
| 22-796663 | Rescue Guardian Carrying Case    | 1        |
| 22-796678 | Rescue Guardian Adpt. Plate      | 2        |





# Rescue Support Systems

| RSS Comparison                | AcmeThread           | LockStroke           | LongShore              | HydraFusion                  |
|-------------------------------|----------------------|----------------------|------------------------|------------------------------|
| <b>SIZES</b>                  | 5                    | 4                    | 5                      | 3                            |
| <b>LENGTHS</b>                | 12–88 in (31–224 cm) | 19–89 in (48–226 cm) | 26–198 in (66–503 cm)  | 18.3–47.9 in (46.2–121.2 cm) |
| <b>EXTENSIONS</b>             | 4                    | 4                    | 4                      | AcmeThread & LongShore       |
| <b>EXTENSION LENGTHS</b>      | 6–36 in (15–91 cm)   | 6–36 in (15–91 cm)   | 12–67 in (30.5–170 cm) | 6–67 in (15–170 cm)          |
| <b>AUTO LOCKING COLLAR</b>    | NO                   | YES                  | NO                     | NO                           |
| <b>FINE ADJUSTMENT</b>        | YES                  | YES with attachment  | YES                    | YES                          |
| <b>REMOTE PLACEMENT</b>       | YES                  | YES                  | YES                    | YES                          |
| <b>TRENCH STABILIZATION</b>   | YES                  | YES                  | YES                    | YES                          |
| <b>COLLAPSE STABILIZATION</b> | YES                  | YES                  | YES                    | YES                          |
| <b>VEHICLE STABILIZATION</b>  | YES                  | YES                  | YES                    | YES                          |

## AcmeThread Strut

The Paratech AcmeThread Struts are comprised of a 2½"/6.35cm diameter Acme threaded aluminum movable solid shaft that extends out of a 3"/7.62 diameter aluminum tube. The AcmeThread is a square thread that allows full surface contact of the shaft through the collar and the collar full surface contact on the tube to transfer load directly to ground. AcmeThread Struts can be extended manually or pneumatically with air, carbon dioxide or nitrogen.

Place strut into position, 'EXTEND' threaded shaft into desired length, 'SPIN' collar to 'LOCK' the strut.

It is as easy as...

### EXTEND & SPIN TO LOCK

Adjustments to the threaded shaft can be made in ANY increment up to the maximum length of the strut.

## LockStroke Strut

The Paratech LockStroke Struts are comprised of a 2½"/6.35cm diameter grooved solid aluminum movable shaft that extends out of a 3"/7.62 diameter aluminum tube. LockStroke Struts have a ball bearing filled collar that locks automatically when the shaft extends either manually or pneumatically with air, carbon dioxide or nitrogen.

'SET' strut into position, 'EXTEND' strut with air or manually and the strut 'LOCKS' automatically.

It is as easy as...

### SET, EXTEND TO LOCK

## Over 20 Interchangeable Bases

All aluminum alloy components of the rescue support system are hard coat anodized to increase strength and durability

Machine Knurled Non-Slip Locking Collar  
AcmeThread-Longshore-HydraFusion

**The Strongest & Most Versatile Struts In The World**

### Paratech AcmeThread & LockStroke Load Table

Working Load Chart At The Following Safety Factors

| Length       | 2:1 lb | kg     | 4:1 lb | kg    |
|--------------|--------|--------|--------|-------|
| 2 ft (0.6m)  | 43,500 | 19,731 | 21,750 | 9,866 |
| 4 ft (1.2m)  | 40,000 | 18,144 | 20,000 | 9,072 |
| 6 ft (1.8m)  | 28,250 | 12,814 | 14,125 | 6,407 |
| 8 ft (2.4m)  | 24,050 | 10,909 | 12,025 | 5,455 |
| 10 ft (3.0m) | 10,725 | 4,865  | 5,360  | 2,431 |
| 12 ft (3.6m) | 7,660  | 3,475  | 3,830  | 1,737 |

### 5 YEAR WARRANTY

The data in this table has been confirmed by physical testing, witnessed and certified by an independent, licensed structural engineering company.





## HydraFusion AutoShore Strut

The New Paratech HydraFusion AutoShore Strut is the most advanced lifting / shoring Strut in the world. The AutoShore features automatic collar rotation during the full range of the struts lifting cap (AcmeThread) are comprised of a 3"/7.62cm diameter threaded aluminum shaft that extends hydraulically out of a 3 1/2"/8.89cm diameter aluminum tube. The hydraulic lift capacity is 10 U.S. tons with a 2:1 safety factor. Once the strut is extended, the AcmeThread collar is spun down to the locked position and creates a 25,000 lbs. 4:1 safety factor for stabilization.

- Lower Insertion Height (1.5")
- Higher Stabilization Capability (25,000 lbs. @ 4:1 SF)
- AutoShore
- Overload Indication

## LongShore Strut

The Paratech LongShore Struts are comprised of a 3"/7.62cm diameter threaded aluminum movable shaft that extends out of a 3 1/2"/8.89cm diameter aluminum tube. The square thread allows full surface contact of the shaft through the collar and the collar full surface contact on the tube to transfer load directly to ground. LongShore Struts can be extended manually or pneumatically with air, carbon dioxide or nitrogen.

Place strut into position, 'EXTEND' threaded shaft into desired length, 'SPIN' collar to 'LOCK' the strut.

It is as easy as...

### EXTEND & SPIN TO LOCK

Adjustments to the threaded shaft can be made in ANY increment up to the maximum length of the strut.

## Longshore Struts are Stronger and Longer for Your Heaviest and Highest Support Situations

### Paratech AcmeThread & LockStroke Load Table

#### Working Load Chart At The Following Safety Factors

| Length       | 2:1 lb | kg     | 4:1 lb | kg    |
|--------------|--------|--------|--------|-------|
| 6 ft (1.8m)  | 44,000 | 19.958 | 22,000 | 9.980 |
| 7 ft (2.1m)  | 44,000 | 19.958 | 22,000 | 9.980 |
| 8 ft (2.4m)  | 40,000 | 18.144 | 20,000 | 9.072 |
| 9 ft (2.7m)  | 32,000 | 14.515 | 16,000 | 7.257 |
| 10 ft (3.0m) | 24,000 | 10.886 | 12,000 | 5.443 |
| 11 ft (3.3m) | 22,000 | 9.979  | 11,000 | 4.990 |
| 12 ft (3.6m) | 20,000 | 9.072  | 10,000 | 4.536 |
| 13 ft (3.9m) | 14,000 | 6.350  | 7,000  | 3.175 |
| 14 ft (4.2m) | 12,000 | 5.443  | 6,000  | 2.722 |
| 15 ft (4.5m) | 9,000  | 4.082  | 4,500  | 2.041 |
| 16 ft (4.8m) | 6,000  | 2.722  | 3,000  | 1.361 |

### 5 YEAR WARRANTY

The data in this table has been confirmed by physical testing, witnessed and certified by an independent, licensed structural engineering company.





# HydraFusion AutoShore Struts

## HydraFusion AutoShore Struts

\*Patent Pending\*

The new HydraFusion AutoShore Strut sets a new standard for heavy lift rescue, combining automated operation, advanced safety features, and industry leading load performance. Engineered for high risk rescue environments, the AutoShore keeps responders farther from danger while delivering unmatched strength and reliability. Making it the most advanced lifting strut in the world! Durable, intuitive, and rescue ready. The HydraFusion AutoShore Strut provides modern technical rescue teams with a powerful lifting / shoring tool designed to increase efficiency and protect responders in the most demanding conditions.

At the core of the AutoShore is its automatic collar rotation system, which engages seamlessly along the full length of the strut's acme thread section. This hands off automatic shoring mechanism eliminates the need for rescuers to manually adjust the collar near unstable loads, dramatically improving safety and speeding up deployment during critical operations.



Built for heavy duty rescue environments, the AutoShore delivers a 25,000 lb working load rating backed by a 4:1 safety factor, making it ideal for heavy vehicle lift, structural collapse, industrial entrapment, and heavy equipment rescue scenarios. With fewer manual steps, reduced user error, responders can maintain control without being placed in the load path.

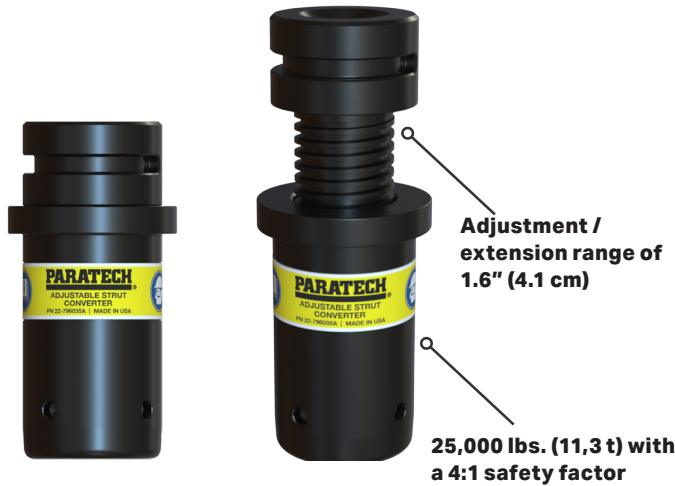
To ensure long term reliability and accountability, the AutoShore Collar introduces an innovative overload indicator that imprints the tube end when the strut has experienced a load above 2:1 of its maximum rated load limit. This permanent visual marker gives crews instant and lasting insight into whether the strut has been overstressed and requires inspection or replacement.

1.5" lower insertion than the original.



# HydraFusion AutoShore Struts

## HydraFusion Struts Accessories



### Adjustable Strut Converter

Use a Strut Converter to attach a base to the top end of a HydraFusion Strut

Part No. 22-796035A

Net weight: 2.7 lb 1,2 Kg



### HydraFusion Longshore Screw Adapter

Part No. 22-790019



### HydraFusion AcmeThread Screw Adapter

Part No. 22-790067

### HydraFusion Pump With Gauge

With Gauge and Hose Only

Part No. 22-790020G



No-spill, flat-face hydraulic coupling with a non-conductive 10 ft (3 m) kink-resistant hose. Two speed, single acting, lightweight, 10,000 psi (690 bar), metal hydraulic pump.

### HydraFusion Hose Extension

Part No. 22-790030X



## HydraFusion AutoShore Strut Kits

All lift 10 tons (9,0 t) with a 2:1 safety factor.

All shore 25,000 lbs. (11,3 t) with a 4:1 safety factor

### HydraFusion AutoShore Strut 04 Kit

Part No. 22-79HA04-AS-K



### HydraFusion AutoShore Strut 10 Kit

Part No. 22-79HA10-AS-K



### HydraFusion AutoShore Strut 14 Kit

Part No. 22-79HA14-AS-K

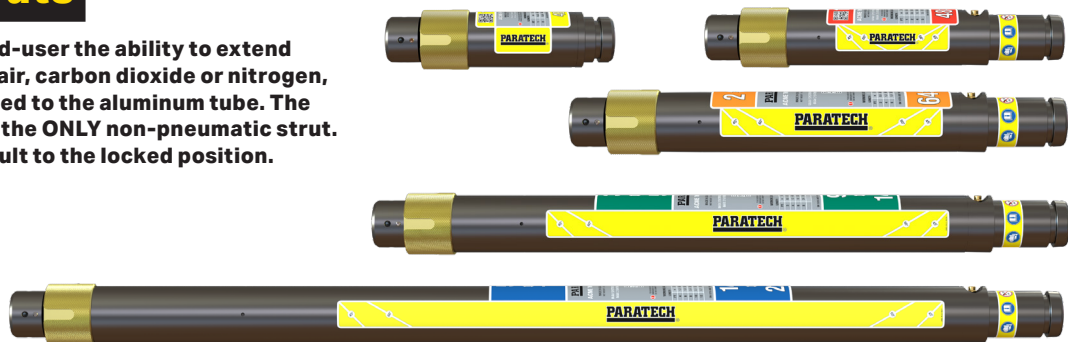


| Part No.       | Description                                                     | Lift Height |      | Net Weight |      | Ship Weight |      |
|----------------|-----------------------------------------------------------------|-------------|------|------------|------|-------------|------|
|                |                                                                 | in          | cm   | lb         | kg   | lb          | kg   |
| 22-79HA04-AS   | HydraFusion AutoShore Strut 04 18.3 – 22.0 in / 46,5 – 55,8 cm  | 4           | 10.2 | 18.7       | 8,5  | 19.7        | 8,9  |
| 22-79HA10-AS   | HydraFusion AutoShore Strut 10 25.2 – 35.0 in / 64,0 – 88,9 cm  | 10          | 25.4 | 28.3       | 12,8 | 29.3        | 13,3 |
| 22-79HA14-AS   | HydraFusion AutoShore Strut 14 32.0 – 47.9 in / 81,3 – 121,7 cm | 15.9        | 40.4 | 37.2       | 16,9 | 38.2        | 17,3 |
| 22-79HA04-AS-K | HydraFusion AutoShore Strut 04 Kit                              | 4           | 10.2 | 45.5       | 20,6 | 46.5        | 21,0 |
| 22-79HA10-AS-K | HydraFusion AutoShore Strut 10 Kit                              | 10          | 25.4 | 55.1       | 25,0 | 56.1        | 25,4 |
| 22-79HA14-AS-K | HydraFusion AutoShore Strut 14 Kit                              | 15.9        | 40.4 | 64.0       | 29,0 | 65.0        | 29,4 |
| 22-790020G     | HydraFusion Pump with Gauge                                     | N/A         | N/A  | 23.2       | 1,5  | 24.5        | 11,1 |
| 22-790019      | HydraFusion LongShore Screw Adapter                             | N/A         | N/A  | 6.1        | 2,7  | 7.5         | 3,4  |
| 22-790067      | HydraFusion AcmeThread Screw Adapter                            | N/A         | N/A  | 6.5        | 2,9  | 8.1         | 3,6  |
| 22-796035A     | Adjustable Strut Converter                                      | N/A         | N/A  | 2.7        | 1,2  | 3.1         | 1,4  |
| 22-790060      | RSS Carrying Strap                                              | N/A         | N/A  | 0.6        | 0,2  | 1.6         | 0,2  |

# Rescue Support Systems

## AcmeThread Struts

AcmeThread Struts offer the end-user the ability to extend manually or pneumatically with air, carbon dioxide or nitrogen, utilizing the recessed nipple fitted to the aluminum tube. The 12-15 inch / 30.5-38.1 cm strut is the ONLY non-pneumatic strut. AcmeThread Struts always default to the locked position.



| Part No.  | Description                            | Net Weight |      | Ship Weight |      |
|-----------|----------------------------------------|------------|------|-------------|------|
|           |                                        | lb         | kg   | lb          | kg   |
| 22-796212 | AcmeThread Strut 12-15 in / 30-38 cm   | 6.6        | 3,0  | 7.1         | 3,2  |
| 22-796206 | AcmeThread Strut 19-25 in / 48-64 cm   | 11.2       | 5,1  | 11.7        | 5,3  |
| 22-796200 | AcmeThread Strut 25-36 in / 64-91 cm   | 14.9       | 6,8  | 15.4        | 6,9  |
| 22-796202 | AcmeThread Strut 37-58 in / 94-147 cm  | 22.4       | 10,2 | 22.9        | 10,4 |
| 22-796204 | AcmeThread Strut 56-88 in / 142-224 cm | 32.6       | 14,8 | 33.1        | 15,0 |

## LockStroke Struts

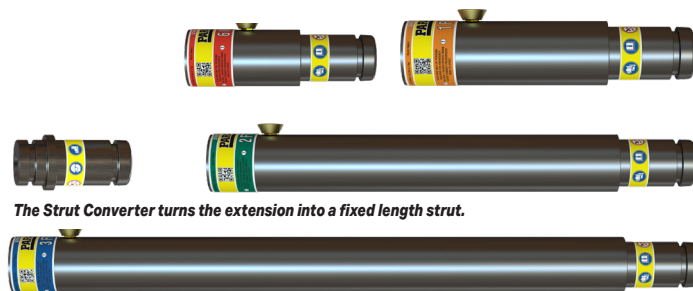
LockStroke Struts feature an innovative automatic locking collar. Activated either manually or pneumatically with air, carbon dioxide or nitrogen, LockStroke Struts always default to the locked position.



| Part No.  | Description                            | Net Weight |      | Ship Weight |      |
|-----------|----------------------------------------|------------|------|-------------|------|
|           |                                        | lb         | kg   | lb          | kg   |
| 22-796006 | LockStroke Strut 19-25 in / 48-64 cm   | 12.7       | 5,8  | 13.2        | 5,9  |
| 22-796000 | LockStroke Strut 25-36 in / 64-91 cm   | 16.5       | 7,5  | 17.0        | 7,7  |
| 22-796002 | LockStroke Strut 36-58 in / 94-147 cm  | 24.0       | 10,9 | 24.5        | 11,1 |
| 22-796004 | LockStroke Strut 55-89 in / 142-226 cm | 35.7       | 16,2 | 36.2        | 16,4 |

## AcmeThread & LockStroke Strut Extensions

Paratech offers four sizes of extensions 6, 12, 24 and 36 inches, 15, 30, 61 and 91 cm. Which can be used with the AcmeThread & LockStroke Struts. Extensions are attached to the strut on the solid end.



The Strut Converter turns the extension into a fixed length strut.

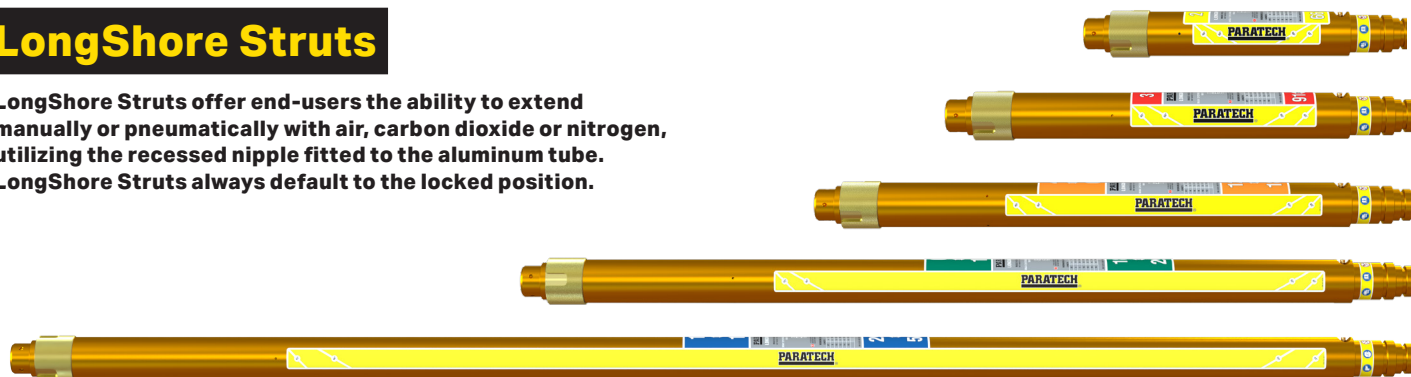
| Part No.  | Description                   | Net Weight |     | Ship Weight |     |
|-----------|-------------------------------|------------|-----|-------------|-----|
|           |                               | lb         | kg  | lb          | kg  |
| 22-796035 | Strut Converter               | 2.7        | 1,2 | 3.1         | 1,4 |
| 22-796017 | Strut Extension 6 in / 15 cm  | 3.8        | 1,7 | 4.2         | 1,9 |
| 22-796012 | Strut Extension 12 in / 30 cm | 4.6        | 2,1 | 5.0         | 2,3 |
| 22-796024 | Strut Extension 24 in / 61 cm | 7.1        | 3,2 | 8.0         | 3,6 |
| 22-796036 | Strut Extension 36 in / 91 cm | 9.7        | 4,4 | 11.0        | 5,0 |

For all lengths displayed above. CLOSED position: inches rounded up - decimals not shown. OPEN position: inches rounded down - decimals not shown.



## LongShore Struts

LongShore Struts offer end-users the ability to extend manually or pneumatically with air, carbon dioxide or nitrogen, utilizing the recessed nipple fitted to the aluminum tube. LongShore Struts always default to the locked position.



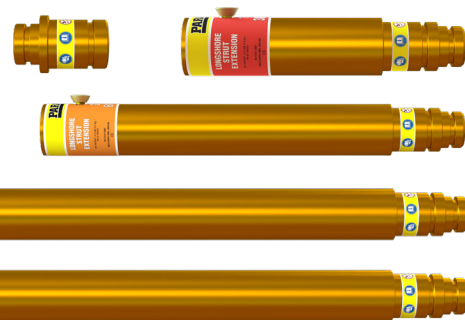
| Part No.  | Description                                  | Net Weight |      | Ship Weight |      |
|-----------|----------------------------------------------|------------|------|-------------|------|
|           |                                              | lb         | kg   | lb          | kg   |
| 22-796710 | LongShore Strut 203 26-36 in / 66-91 cm      | 16.0       | 7,3  | 17.0        | 7,7  |
| 22-796720 | LongShore Strut 304 36-50 in / 91-127 cm     | 22.0       | 10,0 | 23.0        | 10,5 |
| 22-796730 | LongShore Strut 406 48-73 in / 122-185 cm    | 28.0       | 12,7 | 29.0        | 13,2 |
| 22-796360 | LongShore Strut 610 72-116 in / 183-295 cm   | 41.0       | 18,6 | 42.0        | 19,1 |
| 22-796390 | LongShore Strut 1016 114-198 in / 290-503 cm | 65.0       | 29,5 | 66.0        | 29,9 |

## LongShore Struts Extensions

Paratech offers four sizes of LongShore Extensions 12, 24, 48 and 67 inches (30, 61, 122, 170 cm). Extensions are attached to the strut on the solid end.

### LongShore Struts Only

The extension converter turns the extension into a fixed length strut.



| Part No.  | Description                        | Net Weight |     | Ship Weight |     |
|-----------|------------------------------------|------------|-----|-------------|-----|
|           |                                    | lb         | kg  | lb          | kg  |
| 22-796037 | LongShore Converter                | 2.5        | 1,1 | 2.6         | 1,2 |
| 22-796341 | LongShore Extension 12 in / 30 cm  | 6.2        | 2,8 | 7.2         | 3,3 |
| 22-796342 | LongShore Extension 24 in / 61 cm  | 9.2        | 4,2 | 10.2        | 4,6 |
| 22-796356 | LongShore Extension 48 in / 122 cm | 15.0       | 6,8 | 16.0        | 7,3 |
| 22-796376 | LongShore Extension 67 in / 170 cm | 20.0       | 9,1 | 21.0        | 9,5 |

## LongShore Adjustable Brace

The B23 and B57 are manually adjusted by twisting the inner threaded shaft to increase or decrease the length of the brace. Utilized in Paratech's Flying Raker Kit (B23) and Midpoint Brace Kit (B57). Utilized to support in both compression as well as tension applied forces.



| Part No.  | Description                                          | Net Weight |      | Ship Weight |      |
|-----------|------------------------------------------------------|------------|------|-------------|------|
|           |                                                      | lb         | kg   | lb          | kg   |
| 22-796348 | LongShore Adjustable Brace B23 26-36 in / 66-91 cm   | 15.0       | 6,8  | 16.0        | 7,3  |
| 22-796350 | LongShore Adjustable Brace B57 60-85 in / 152-216 cm | 32.7       | 14,5 | 33.7        | 15,3 |

For all lengths displayed above. CLOSED position: inches rounded up - decimals not shown. OPEN position: inches rounded down - decimals not shown.



## Bases & End Plates

Designed to be the strut's contact point, Paratech's wide assortment of aluminum alloy bases and end plates offer unparalleled versatility in the widest range of collapse support situations.

### For Use With:

 **LockStroke**

 **AcmeThread**

 **LongShore**

 **HydraFusion**



#### V BASE

The V Base has a 90° V that will fit any right angle. Features two nailing holes, should it need to be nailed to a piece of wood used in other applications  
Net Weight: 1.4lb; 0,6kg  
Part No. 22-796090



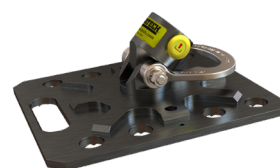
#### ADJUSTABLE THREADED CONNECTOR

For LockStroke Strut  
Net Weight: 2.2lb; 1,0kg  
Part No. 22-796160



#### SPRING LOADED CONNECTOR

For LockStroke Strut  
Net Weight: 2.2lb; 1,0kg  
Part No. 22-796170



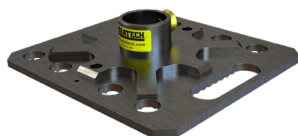
#### HINGED BASE PLATE 12 with ANCHOR RING

12 IN / 30,5 CM 45°  
Hinged base with eight 1 in / 2.5 cm picket holes  
Net Weight: 12.0lb; 5,4kg  
Part No. 22-796180C



#### SWIVEL BASE 12

12 IN / 30,5 CM  
20° swivel base with eight 1 in / 2.5 cm picket holes  
Net Weight: 9.3lb; 4,2kg  
Part No. 22-796180B



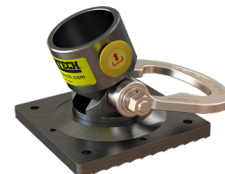
#### RIGID BASE 12

12 IN / 30,5 CM  
Net Weight: 8.6lb; 3,9kg  
Part No. 22-796180A



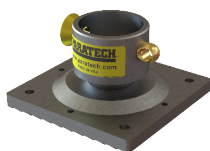
#### DUAL BASE

24 IN / 61 CM  
Two 360 degree rotatable, quick locking hinged bases with anchor rings.  
Net Weight: 25.8lb; 11,7kg  
Part No. 22-796180D



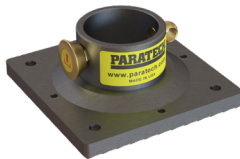
#### HINGED BASE WITH ANCHOR RING

6 IN / 15.2 CM  
45° hinged base  
Net Weight: 4.5lb; 2,0kg  
Part No. 22-796150



#### SWIVEL BASE 6

6 IN / 15.2 CM  
20° swivel base  
Net Weight: 3.3lb; 1,5kg  
Part No. 22-796060



#### RIGID BASE 6

6 IN / 15.2 CM  
Net Weight: 2.8lb; 1,3kg  
Part No. 22-796070



#### CHANNEL BASE

Used for structural collapse to support beams  
Net Weight: 2.5lb; 1,1kg  
U.S.: 6 IN x 6 IN  
15,2 CM x 15,2 CM  
Part No. 22-796136  
Metric: 6.3 IN x 7 IN  
16 CM x 17,8 CM  
Part No. 22-796133



#### CHANNEL BASE

Used for structural collapse to support beams  
Net Weight: 2.0lb; 0,9kg  
US: 4 IN x 6 IN  
10,2 CM x 15,2 CM  
Part No. 22-796134  
Metric: 4.3 IN x 6 IN  
10,9 CM x 15,2 CM  
Part No. 22-796131





- MULTI CHAIN BASE**  
Takes 3/8" (10mm) and 1/2" (13mm)  
\*Including square chains  
Net Weight: 3.16lb; 1,64kg  
Part No. 22-796685



- MULTI BASE**  
Can be used as a V Base, cone Base, Wedge Base and will accept a 3/8" chain (10mm),  
Net Weight: 2.0lb; 0,9kg  
Part No. 22-796025



- CONVEX MULTI BASE**  
Multi-purpose vehicle stabilization with Chain Wedge for 3/8" chain (10mm), V and cone feature  
Net Weight: 3.2lb; 1,4kg  
Part No. 22-796269



- SPIKE BASE**  
The Spike Base has replaceable stainless steel spikes that dig into sheet metal and a V and cone feature for Veh. Stabilization  
Net Weight: 1.2lb; 0,5kg  
Part No. 22-797687



- CONTOUR BASE**  
Contoured to grip surfaces dealing in vehicle stabilization kits  
Net Weight: 1.7lb; 0,8kg  
Part No. 22-796270



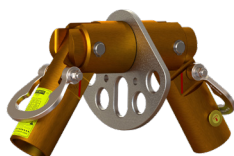
- TRIPOD HEAD**  
To be used in conjunction with either AcmeThread or LongShore struts to create a tripod  
Net Weight: 9.0lb; 4,1kg  
Part No. 22-796010



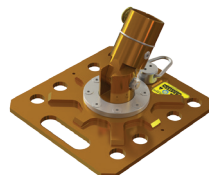
- MONOPOD HEAD / PULLEY**  
MonoPod Head / Pulley is designed for blind shaft elevator rescue, trench and high angle rescues  
Net Weight: 7lb; 3,2kg  
Part No. 22-796540



- HITCH BASE**  
Can be utilized by putting into a 2" hitch receiver and with the MonoPod kit so you can have a high point anchor off of your vehicle  
Net Weight: 13.4lb; 6,1kg  
Part No. 22-796575



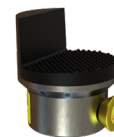
- BIPOD HEAD**  
The BiPod Head is to be used in conjunction with the (2) bipod base Plates to create the BiPod  
Net Weight: 33 lb; 15 kg  
Part No. 22-796820



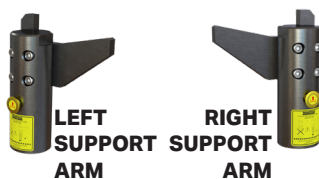
- BIPOD BASE**  
The BiPod Base Plate is a 12 in / 30,5 cm base plate designed with the full articulating cup  
Net Weight: 11.1lb; 5,0kg  
Part No. 22-796180E



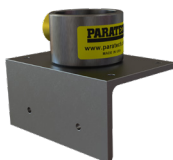
- CLAMP & CLEVIS**  
Designed for use with the Flying Raker and Midpoint brace kit in conjunction with the Raker Kits  
Net Weight: 5.0lb; 2,3kg  
Part No. 22-796330



- ANGLED RUBBER BASE**  
Angled rubber base used with the elevator support arms lock elevator in position during rescues  
Net Weight: 1.7lb; 0,8kg  
Part No. 22-796266



- ELEVATOR SUPPORT ARMS**  
Left and Right Elevator Support Arms used with angled rubber base to lock elevator in position during rescues  
Net Weight: 8.5lb; 3,9kg  
Part No. 22-796260L or Part No. 22-796260R



- ANGLE BASE**  
The angle base can be used just like the 4x4 or 6x6 bases. Designed for use when you cannot make full contact around the header or sole Plate.  
Net Weight: 1.6lb; 0,7kg  
Part No. 22-796092



- VSK BASE 6**  
6 in / 15,2 cm base integrated with ratchet belt and anchor ring making vehicle stabilization quicker & easier  
Net Weight: 18.5lb; 8,4kg  
Part No. 22-796331



- VSK BASE 12**  
12 in / 30,5 cm base integrated ratchet belt and anchor ring making vehicle stabilization quicker & easier  
Net Weight: 23.5lb; 10,6kg  
Part No. 22-796308

# Rescue Support Systems

## Waler Rails



| Part No.  | Description                     | Net Weight |      | Ship Weight |      |
|-----------|---------------------------------|------------|------|-------------|------|
|           |                                 | lb         | kg   | lb          | kg   |
| 22-796295 | Spot Shore Rail 18 in / 45,7 cm | 11.2       | 5,1  | 13.2        | 6,0  |
| 22-796281 | Waler Rail 6 ft / 1,8 m         | 42.8       | 19,4 | 44.8        | 20,3 |
| 22-796283 | Waler Rail 8 ft / 2,4 m         | 58.7       | 26,6 | 60.7        | 27,5 |

## Waler System

| Part No.  | Description  | Net Weight |       | Ship Weight |       |
|-----------|--------------|------------|-------|-------------|-------|
|           |              | lb         | kg    | lb          | kg    |
| 22-796282 | Waler System | 501.6      | 227,6 | 529.6       | 240,2 |

| Part No.  | Description             | Quantity | Part No.  | Description     | Quantity |
|-----------|-------------------------|----------|-----------|-----------------|----------|
| 22-796281 | Waler Rail 6 ft / 1,8 m | 4        | 22-796285 | Stop Block      | 16       |
| 22-796283 | Waler Rail 8 ft / 2,4 m | 4        | 22-796287 | Waler Connector | 4        |

## Waler Accessories



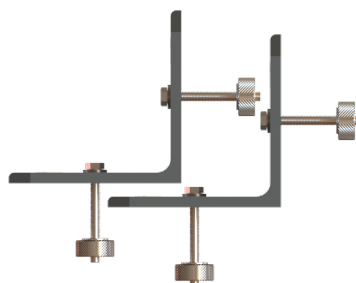
### Waler Stop Block

Net Weight: 1.0lb 0,5kg  
Part No. 22-796285



### L-Trench Adapter Set

Net Weight: 8.4lb 3,8kg  
Part No. 22-796425



### Z Brace Kit **New Kit**

Net Weight: 6.96 lbs. 3,12 kg  
Part No. 22-700390K



### Waler Connector

Net Weight: 19.9lb 9,0kg  
Part No. 22-796287





## LongShore Raker Rails

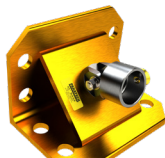


| Part No.   | Description                 | Net Weight |     | Ship Weight |     |
|------------|-----------------------------|------------|-----|-------------|-----|
|            |                             | lb         | kg  | lb          | kg  |
| 22-796258B | Raker Rail 4 48 in / 122 cm | 13.7       | 6,2 | 14.7        | 6,7 |
| 22-796258C | Raker Rail 6 72 in / 183 cm | 20.7       | 9,4 | 21.7        | 9,8 |

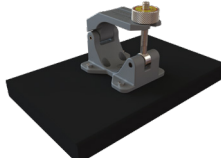
## Raker Accessories



**RAKER RAIL SPLICE**  
Net Weight: 7.5lb; 3,4kg  
Part No. 22-796469



**45 DEGREE BASE**  
Net Weight: 13.5lb; 6,1kg  
Part No. 22-796690



**NAILING PAD WITH CLAMP**  
Net Weight: 9.9lb; 4,5kg  
Part No. 22-796310



**RAKER ANGLE BASE**  
Net Weight: 5.6lb; 2,5kg  
Part No. 22-796475



**LATCH HOLDER**  
Net Weight: 1lb; 0,4kg  
Part No. 22-796689



**RAKER RAIL LATCH**  
Net Weight: 3.2lb; 1,5kg  
Part No. 22-796250



**RAKER JUNCTION BASE**  
Net Weight: 7.3lb; 3,3kg  
Part No. 22-796290



**RAIL JUNCTION**  
Net Weight: 9.7lb; 4,4kg  
Part No. 22-796280



**STRUT DISTRIBUTOR MODULE**  
Net Weight: 0.5lb; 0,2kg  
Part No. 22-796395



For use with dual controller. Can connect up to 5 modules to shoot 6 struts at one time.

## Air Supply Components



**DUAL DEADMAN STRUT CONTROLLER G3**  
250 PSI / 17.2 BAR  
Net Weight: 3.1lb; 1,6kg  
Part No. 22-796103G3



**STRUT REGULATOR G3**  
5,500-0 PSI / 379.2-0 BAR  
Part No. 22-895400G3  
US Net Weight: 3.8lb; 1,7kg  
Part No. 22-895400DG3  
METRIC Net Weight: 3.9lb; 1,8kg



**VSK V2 CONTROLLER**  
25 PSI / 1,7 BAR  
Net Weight: 2.4lb; 1,0kg  
Part No. 22-796V02

## Legacy Air Hoses

\*Air Hoses for Rescue Struts and 150 PSI / 10.3 Bar Air Lifting Bags\*

3/8 IN / 9.5 mm diameter



| Length                         | Red       | Yellow    | Gray      | Blue      | Black     | Green     |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 16 ft / 5 m (2.5 lb / 1,1 kg)  | 22-890516 | 22-890515 | 22-890518 | 22-890514 | 22-890513 | 22-890517 |
| 32 ft / 10 m (4.5 lb / 2,0 kg) | 22-890521 | 22-890520 | 22-890525 | 22-890523 | 22-890522 | 22-890524 |
| 50 ft / 15 m (7.0 lb / 3,2 kg) | 22-890541 | 22-890542 | 22-890545 | 22-890543 | 22-890546 | 22-890544 |

# Rescue Support Systems

## Trench Control Kit

Everything needed to address a Trench Rescue scenario. Deploy up to four struts at a time with the Strut Distributor Module and Dual Deadman Strut Controller

| Part No.          | Net Weight |      |
|-------------------|------------|------|
|                   | lb         | kg   |
| 22-796TCK US      | 53.4       | 24.2 |
| 22-796TCKD METRIC | 75.4       | 34.2 |

| Part No.    | Description                      | Quantity |
|-------------|----------------------------------|----------|
| 22-796103G3 | Dual Deadman Strut Controller    | 1        |
| 22-895400G3 | Strut Regulator G3 CGA / DIN     | 1        |
| 22-796395   | Strut Distributor Module         | 6        |
| 22-890513   | Air Hose, Black 16ft / 5m        | 1        |
| 22-890520   | Air Hose, Yellow 32ft / 10m      | 2        |
| 22-890521   | Air Hose, Red 32ft / 10m         | 2        |
| 22-890522   | Air Hose, Black 32ft / 10m       | 1        |
| 22-890523   | Air Hose, Blue 32ft / 10m        | 1        |
| 22-890524   | Air Hose, Green 32ft / 10m       | 1        |
| 22-890525   | Air Hose, Gray 32ft / 10m        | 1        |
| 22-796TCC   | Carrying Case with Insert, Strut | 1        |



## ACME THREAD STRUT DRIVER

**LIFT** Like No Other!

Paratech AcmeThread strut driver: easy to use, quick to deploy, strong and safe



### AcmeThread Strut Driver

Medium duty strut lifting device integrated into our extremely strong and versatile AcmeThread Rescue Strut. Safe, easy, fast lifting. 6,000 lbs (2,721 kg) lifting capacity. Limitless Functionality; Vehicle Stabilization, Structural Collapse Rescue, Trench Rescue. Made from aircraft grade aluminum housings, alloy steel gears and hardened ball bearings, making lifting smooth and easy. Contoured gear box designed to resist dragging during vehicle lifts. Directional safety mechanism to insure strut will only travel in the direction it indicates.

Available in Two AcmeThread Strut Sizes

AcmeThread Strut Driver: 37-58 in / 94-147 cm (29.6 lbs / 13,4 kg)  
Part No. 22-796202SD





## Rescue Support Systems Accessories



**Chain, 20Ft X 6.1m**  
with Hooks Grade 100  
Net Weight: 33.5lb; 15,2kg  
Part No. 22-796165EU  
Part No. 22-796C1H



**Ratchet Belt with Finger Hook**  
27 Ft / 8.2 M Capacity: 3,300 lb; 1,497 kg  
Working 10,000 lb; 4,536 kg Breaking  
Net Weight: 5.9lb; 2,7kg  
Part No. 22-890553



**Tie Down Keys**  
with J Hook  
Net Weight: 5.0lb; 2,3kg  
Part No. 22-796161



**VSK Tie Back Sling**  
Net Weight: 10.8lb; 4,9kg  
Part No. 22-796263



**Advanced Ty Strut Release Tool**  
The new patent pending Ty Strut Release Tool is designed to be used to place Paratech struts into a trench or hard to reach places and to tighten or loosen struts.  
Net Weight: 2.2lb; 1,0kg



**Basic Ty Strut Release Tool**  
Ty Strut Release Tool without LockStroke Release Mechanism  
Net Weight: 1.44lb; 0,65kg  
Part No. 22-796840



**Shoring Hammer**  
The multi-functional shoring hammer  
Net Weight: 2.9lb; 1,3kg  
Part No. 22-796430



**RSS Carrying Strap Handle**  
For use with both AcmeThread and LockStroke Struts and the AcmeThread Strut Driver  
Net Weight: 2.4lb; 1,1kg



**Clip 3.5 / 8, 9 CM**  
(for AcmeThread & LockStroke Struts)  
Net Weight: 0.6lb; 0,3kg  
Part No. 22-796182A  
**Clip 3.5 / 8, 9 CM**  
(for LongShore Struts)  
Net Weight: 0.8lb; 0,8kg  
Part No. 22-796185A



**Dobuble Headed Picket**  
1 in / 2.5 cm x 40 in / 101,6 cm  
STL Picket Double Headed  
Net Weight: 9.5lb; 4,3kg  
Part No. 22-796P14



**Non-Slip Neoprene Pad**  
15 x 15 x 1 IN  
38,1 x 38,1 x 2,5 CM  
Net Weight: 12.0lb; 5,4kg  
Part No. 22-890015



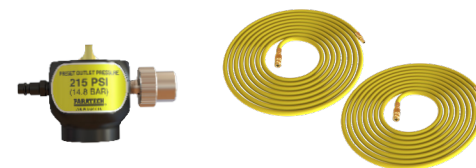
**RSS Carrying Strap**  
For use with all Paratech Rescue Struts  
Net Weight: 0.6lb; 0,2kg  
Part No. 22-790060



**Manuel Compressor**  
(2 Stage)  
18.5 x 7.6 x 5.0 IN  
47,0 x 19,3 x 12,7 CM  
Net Weight: 14.7lb; 6,7kg  
Part No. 22-800400-180

## Strut Chase Kit

| Part No.        | Description                                                                            | Net Weight |     |
|-----------------|----------------------------------------------------------------------------------------|------------|-----|
|                 |                                                                                        | lb         | kg  |
| 22-796SCK       | US                                                                                     | 17.0       | —   |
| 22-796SCK       | Metric                                                                                 | —          | 7,9 |
| Part No.        | Description                                                                            | Quantity   |     |
| 22-796V02       | VSK Controller                                                                         | 1          |     |
| 22-895401G3-180 | Preset Air Lifting Bag Regulator 215 PSI CGS (14.8 bar) 5,500-0 psi / 379.2 -0 bar CGA | 1          |     |
| 22-890513       | Air Hose, Black 16 ft / 5 m                                                            | 1          |     |
| 22-890520       | Air Hose, Yellow 32 ft / 10m                                                           | 2          |     |



# Rescue Support Systems

## Monopod/Pulley Kit

The Monopod Head Pulley attached to the 610 Long Shore Strut and can be used in applications such as High Angle, Elevator Shaft, Confined Space and Trench Rescue. The kit includes the Monopod Head & Pulley, Tri-Anchor Ring, Hinged Base Plate 12 with Anchor Ring and Carrying Case.

### Product Features:

- Pulley assembly allows the rope to come down the outside of the tube for ease of hoisting (5,000 lb / 2.268 kg capacity)
- 1,000 lb / 454 kg load capacity per hoist ring (4)
- Can be used with a life safety rope of up to 0.5 inch / 1.3 cm
- Monopod Head & Pulley Assembly is constructed of lightweight aluminum and stainless steel for strength

| Part No.  | Net Weight |      |
|-----------|------------|------|
|           | lb         | kg   |
| 22-796530 | 43.0       | 19,5 |

| Part No.   | Description                         | Quantity |
|------------|-------------------------------------|----------|
| 22-890340  | Carry Case, MonoPod                 | 1        |
| 22-796540  | Monopod Head/Pulley                 | 1        |
| 22-796595  | Tri-Anchor                          | 1        |
| 22-796180C | Hinged Base Plate 12 w/ Anchor Ring | 1        |



### HITCH BASE (optional)

Can be utilized by putting into a 2 inch / 5cm hitch receiver and in conjunction with the Monopod kit so you can have a high point anchor off of your vehicle  
Part No. 22-796575



## Bipod Kit

The Bipod Kit is designed for use in various lifting and moving applications. It can be utilized in High Angle Rescue, Cliff Overhang Rescue, Grain Elevator Rescue, Confined Space Rescue, Trench Rescue, Mine and Open Pit Rescues. The kit includes Bipod Head and two Hinged Base Plates with Anchor Rings.

| Part No.  | Net Weight |      |
|-----------|------------|------|
|           | lb         | kg   |
| 22-796810 | 60.6       | 27,5 |

| Part No.   | Description         | Quantity |
|------------|---------------------|----------|
| 22-796180E | Bipod Base Plate    | 2        |
| 22-796820  | Bipod Head          | 1        |
| 22-796602  | Bipod Carrying Case | 1        |



### Product Features:

- 60° maximum spread angle with parallel max indication lines
- High strength hinged rotating Anchor Plate
- Bipod Conversion Kit is constructed of lightweight aluminum and stainless steel for strength and durability

## Tripod Kit

Designed to complement the Rescue Support System line, the Tripod kit is manufactured of lightweight aluminum and stainless steel for strength and durability. This kit is designed for use with your rescue struts already used in Trench Rescue, Structural Collapse and Vehicle Stabilization. Attach the Tripod Head to an AcmeThread, LockStroke or LongShore Strut and/or Extension to create a strong, stable support for tripod use as a jack stand and/or high support. A durable carrying case makes transport easy.

| Part No.  | Net Weight |      |
|-----------|------------|------|
|           | lb         | kg   |
| 22-796300 | 63.0       | 28,6 |

| Part No.  | Description                  | Quantity |
|-----------|------------------------------|----------|
| 22-796010 | Tripod Head                  | 1        |
| 22-796150 | Hinged Base with Anchor Ring | 3        |
| 22-796155 | 30 ft Chain with Grab Hook   | 1        |
| 22-796305 | Carrying Case, Tripod        | 1        |





## Elevator Support Unit Adapter Kit



Paratech's Elevator Support Unit (ESU) safely stabilizes an elevator and prevents it from moving. When deployed, the ESU causes zero to minimal damage to elevator cars and affords rescue teams precious time to extricate passengers and save lives. Two unique rescue base and end plates form the core components of this system. An Angled Rubber Base attaches to either Rescue Strut and grips the floor, while the Elevator Support Arm attaches to the top of the Rescue Strut and hooks under the elevator car.

| Part No.  | Net Weight |      |
|-----------|------------|------|
|           | lb         | kg   |
| 22-796260 | 27.2       | 12,3 |

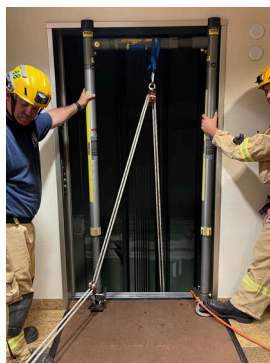
| Part No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 22-796260L | Elevator Support Left Arm  | 1        |
| 22-796260R | Elevator Support Right Arm | 1        |
| 22-796266  | Angled Rubber Base         | 6        |
| 22-000915  | Case, ESU Kit              | 1        |

## Elevator Shaft Rescue Kit (ESR)



Elevator Shaft Rescue (ESR) Kit: designed in conjunction with City of Chicago and IFSI (University of Illinois Fire Service Institute) rescue professionals, this kit makes elevator shaft rescue easy and efficient through the creation of a wedged truss bar.

- Fast and easy set up
- Can be set up in doorways, windows, elevator doors, blind shaft elevator hatches, industrial high points, ship board applications, etc.
- Adjustable base for longer door thresholds
- Removable angle on base for window high points
- Rubber foot plate does not mark or damage marble, granite or wooden floors



| Part No.   | Net Weight |       |
|------------|------------|-------|
|            | lb         | kg    |
| 22-796890K | 41.48      | 19,44 |

| Part No.  | Description            | Quantity |
|-----------|------------------------|----------|
| 22-796266 | Angled Rubber Base     | 2        |
| 22-796891 | T-Junction             | 2        |
| 22-796905 | Adjustable Hinged Base | 2        |
| 22-796430 | Shoring Hammer         | 1        |
| 22-796895 | Header Swivel Base     | 2        |

\* Struts Not Included in Kit

## Trench Cushion Kit



Designed to tackle one of the biggest challenges in trench collapse rescue, this kit includes the equipment you need to support your shoring panels quickly and safely. With our system you can significantly reduce the time needed to backfill your shoring panels and maintain a vertical surface for support. Included in the kit are medium pressure cushions, 22-887010K with 3.3T(3,0t) capacity and 22-887015K with 5.1T(4,7t) capacity, that can fill up to a 24 in (61 cm) void. Each cushion is fitted with straps for ease of lowering into the trench and help in positioning the cushions along the sides of the trench wall. Combined with our Paratech Rescue Struts this kit will equip you with the right tools for your next trench rescue.



| Part No.  | Net Weight |      |
|-----------|------------|------|
|           | lb         | kg   |
| 22-887070 | 85.5       | 38,8 |

| Part No.    | Description                                      | Quantity |
|-------------|--------------------------------------------------|----------|
| 22-887010K  | B/K Cushion 5.1 Ton (4,7 t)                      | 1        |
| 22-887015K  | C/K Cushion 7.4 Ton (6,7 t)                      | 1        |
| 22-887305G3 | Dual Controller 14.5 psi / 0.5 bar               | 1        |
| 22-887400   | Air Hose 1 in / 25,4 cm dia. x 20 ft / 6,1m Red  | 1        |
| 22-887401   | Air Hose 1 in / 25,4 cm dia. x 20 ft / 6,1m Blue | 1        |
| 22-890513   | Air Hose 3/8 in / 9.5 dia. x 16 ft / 5m Black    | 1        |

## Solid Sole Rakers & Accessories

Paratech offers the necessary accessories to convert our LongShore Struts into a fully deployable raker system that is fast, strong and easy to install. Paratech's innovative Raker accessories and LongShore Struts meet US&R requirements for strength and deployability. The Paratech LongShore System offers unique features and benefits ensuring proven performance every time the system is deployed.

## Absolute Raker

Paratech once again sets a new standard, no wood, no pins, no chains...no hassle. The Absolute Raker provides flexibility, functionality and economy.

Never worry about wood again—fully deployable in minutes—or easily turn your existing Paratech Raker into an Absolute Raker, with the Standard to Absolute Upgrade Kit. Interoperational with all Paratech Rescue Support Systems, as always.



## Double Absolute Raker Kit

The double absolute raker set can create an 18 ft (5,5m) vertical insertion point double raker, or be recombined to create three separate flying rakers with up to 40 ft (12,2m) of horizontal coverage.

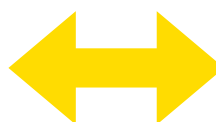
| Part No.  | Description               | Net Weight |       |
|-----------|---------------------------|------------|-------|
|           |                           | lb         | kg    |
| 22-796981 | Double Absolute Raker Set | 795.3      | 360,7 |

| Part No.   | Description                    | Quantity |
|------------|--------------------------------|----------|
| 22-796180C | Hinged Base 12 w/ Anchor Ring  | 6        |
| 22-796250  | Raker Rail Latch               | 12       |
| 22-796258C | Raker Rail 6                   | 6        |
| 22-796280  | Raker Rail Junction            | 2        |
| 22-796290  | Raker Junction Base            | 2        |
| 22-796330  | Clamp and Clevis               | 24       |
| 22-796348  | LongShore Adjustable Brace B23 | 6        |
| 22-796350  | LongShore Adjustable Brace B57 | 9        |
| 22-796341  | LongShore Extension 12 in      | 2        |
| 22-796342  | LongShore Extension 24 in      | 9        |
| 22-796360  | LongShore Strut 610            | 6        |
| 22-796376  | LongShore Extension 67 in      | 6        |
| 22-796469  | Raker Rail Splice              | 4        |
| 22-796475  | Raker Angle Base               | 6        |
| 22-796689  | Latch Holder                   | 3        |
| 22-796430  | Shoring Hammer                 | 2        |

## Absolute Raker Kit

| Part No.  | Description        | Net Weight |       |
|-----------|--------------------|------------|-------|
|           |                    | lb         | kg    |
| 22-796984 | Absolute Raker Set | 795.3      | 360,7 |

| Part No.   | Description                    | Quantity |
|------------|--------------------------------|----------|
| 22-796180C | Hinged Base 12 w/ Anchor Ring  | 2        |
| 22-796250  | Raker Rail Latch               | 4        |
| 22-796258C | Raker Rail 6                   | 4        |
| 22-796280  | Raker Rail Junction            | 2        |
| 22-796290  | Raker Junction Base            | 2        |
| 22-796330  | Clamp and Clevis               | 12       |
| 22-796342  | LongShore Extension 24 in      | 7        |
| 22-796350  | LongShore Adjustable Brace B57 | 7        |
| 22-796356  | LongShore Extension 48 in      | 2        |
| 22-796360  | LongShore Strut 610            | 4        |
| 22-796376  | LongShore Extension 67 in      | 2        |
| 22-796469  | Raker Rail Splice              | 2        |
| 22-796475  | Raker Angle Base               | 2        |
| 22-796689  | Latch Holder                   | 1        |





## Absolute Flying Raker

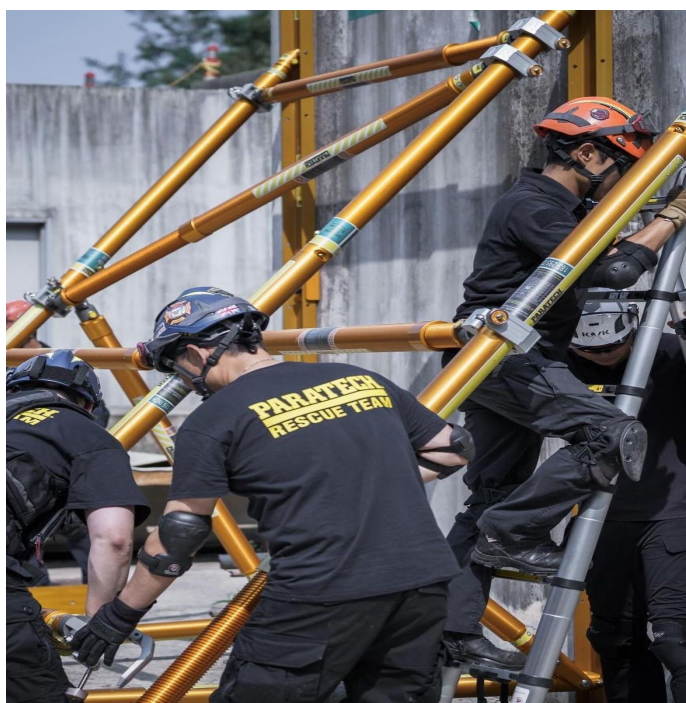
Paratech fully mechanical Absolute Flying Raker Sets leave the wood behind. Stronger, faster and easier than wood, the Absolute Flying Raker in 8 ft (2,4 m) sets, allow rescue teams to build rakers around the rubble pile.

Use the Woodless Flying Raker Kit upgrade to upgrade a Standard Flying Raker to an Absolute Woodless Flying Raker. Interoperational with all Paratech Rescue Support Systems, as always.

## Absolute Flying Raker Kit

| Part No.   | Description               | Net Weight |       |
|------------|---------------------------|------------|-------|
|            |                           | lb         | kg    |
| 22-796984F | Absolute Flying Raker Set | 535.9      | 243,1 |

| Part No.   | Description                    | Quantity |
|------------|--------------------------------|----------|
| 22-796180C | Hinged Base 12 w/ Anchor Ring  | 2        |
| 22-796258C | Raker Rail 6                   | 2        |
| 22-796330  | Clamp and Clevis               | 12       |
| 22-796342  | LongShore Extension 24 in      | 4        |
| 22-796350  | LongShore Adjustable Brace B57 | 5        |
| 22-796348  | LongShore Adjustable Brace B23 | 2        |
| 22-796356  | LongShore Extension 48 in      | 2        |
| 22-796360  | LongShore Strut 610            | 2        |
| 22-796376  | LongShore Extension 67 in      | 2        |
| 22-796475  | Raker Angle Base               | 2        |
| 22-796689  | Latch Holder                   | 1        |
| 22-796250  | Raker Rail Latch               | 4        |

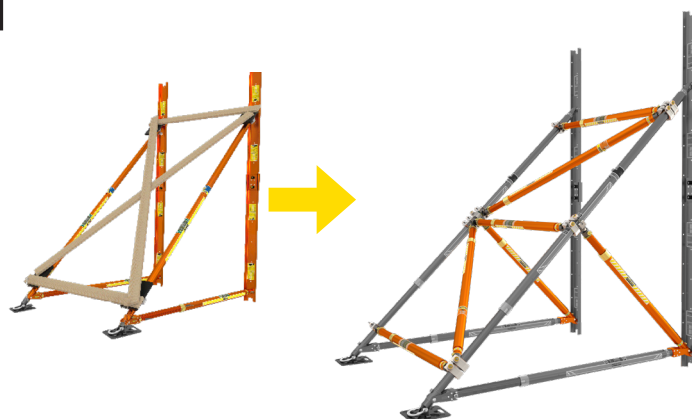


## Standard to Absolute Raker Upgrade Kit

The Standard to Absolute Raker Upgrade Kit changes your Standard Raker into an Absolute Raker. It removes the need for wood bracing and replaces it with high strength fully mechanical cross-bracing and midpoint braces.

| Part No.  | Description                              | Net Weight |       |
|-----------|------------------------------------------|------------|-------|
|           |                                          | lb         | kg    |
| 22-796983 | Standard Raker to Absolute Raker Upgrade | 354.3      | 160,7 |

| Part No.  | Description                    | Quantity |
|-----------|--------------------------------|----------|
| 22-796280 | Rail Junction                  | 2        |
| 22-796330 | Clamp and Clevis               | 12       |
| 22-796342 | LongShore Extension 24 in      | 5        |
| 22-796350 | LongShore Adjustable Brace B57 | 7        |

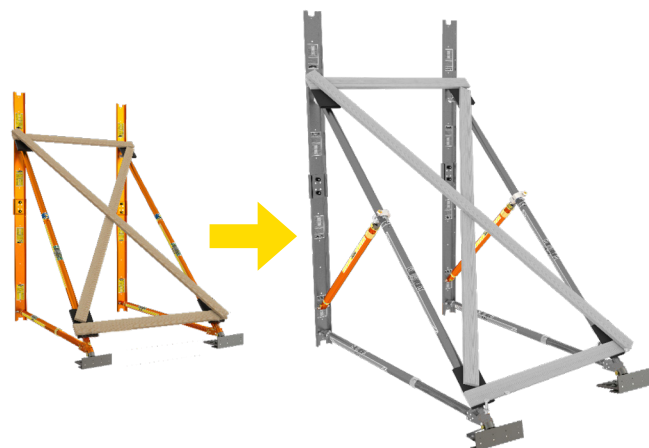


## Raker Midpoint Brace Kit

The Raker Midpoint Brace Kit can be utilized with the Raker Sets and will greatly increase the strength of your Raker Kit. Adding this item to your Raker Set will guarantee you have the strongest raker.

| Part No.  | Description              | Net Weight |      |
|-----------|--------------------------|------------|------|
|           |                          | lb         | kg   |
| 22-796484 | Raker Midpoint Brace Kit | 97.6       | 44,3 |

| Part No.  | Description                | Quantity |
|-----------|----------------------------|----------|
| 22-796350 | Adjustable Brace Model B57 | 2        |
| 22-796280 | Raker Rail Junction        | 2        |
| 22-796330 | Clamp & Clevis             | 2        |

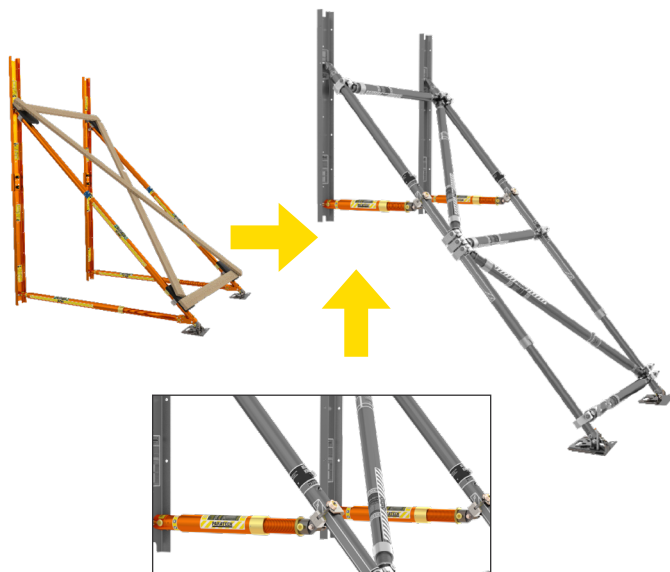


## Flying Raker Kit

Add this kit to your Standard Raker Kit to turn it into a Flying Raker.

| Part No.  | Description      | Net Weight |      |
|-----------|------------------|------------|------|
|           |                  | lb         | kg   |
| 22-796486 | Flying Raker Kit | 97.6       | 44,3 |

| Part No.  | Description                | Quantity |
|-----------|----------------------------|----------|
| 22-796348 | Adjustable Brace Model B23 | 2        |
| 22-796250 | Raker Rail Latch           | 2        |
| 22-796330 | Clamp & Clevis             | 2        |





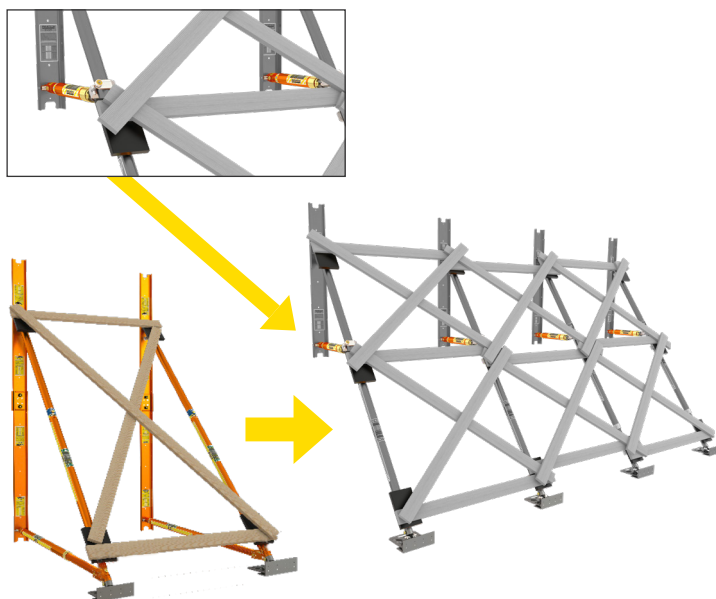
## Raker Expansion Kit

Increase your Raker Set capacity by adding this additional cache of equipment and increase your wall support capacity from 8' to 24' / 20.32 to 60.96 cm.

| Part No.  | Description         | Net Weight |      |
|-----------|---------------------|------------|------|
|           |                     | lb         | kg   |
| 22-796485 | Raker Expansion Kit | 143.8      | 65,2 |

| Part No.   | Description                                         | Quantity |
|------------|-----------------------------------------------------|----------|
| 22-796180C | Hinged Base Plate 12 w/ Anchor Ring 12 in / 30,5 cm | 2        |
| 22-796475  | Raker Angle Base                                    | 2        |
| 22-796310  | Nailing Pad with Clamp                              | 6        |
| 22-796348  | Adjustable Brace Model B23                          | 4        |
| 22-796250  | Raker Rail Latch                                    | 4        |
| 22-796330  | Clamp & Clevis                                      | 4        |



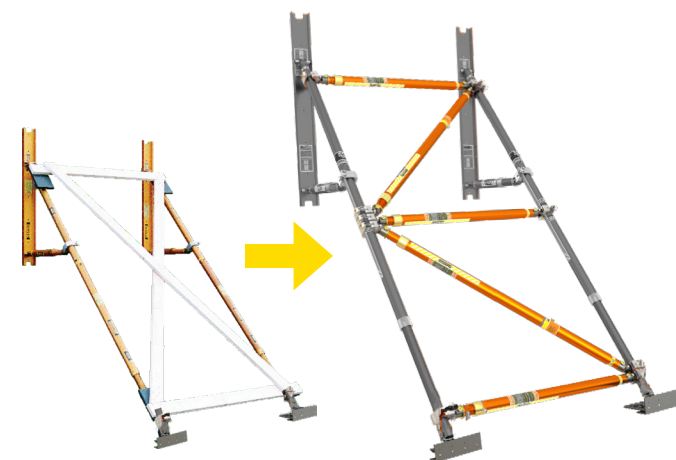
## Woodless Flying Raker Brace Kit

Use this kit to upgrade your Flying Raker to an Absolute Flying Raker

| Part No.  | Description                                            | Net Weight |       |
|-----------|--------------------------------------------------------|------------|-------|
|           |                                                        | lb         | kg    |
| 22-796487 | Woodless Flying Raker Brace Kit Absolute Raker Upgrade | 231.9      | 105,2 |

| Part No.  | Description                    | Quantity |
|-----------|--------------------------------|----------|
| 22-796330 | Clamp and Clevis               | 10       |
| 22-796342 | LongShore Extension 24 in      | 2        |
| 22-796350 | LongShore Adjustable Brace B57 | 5        |



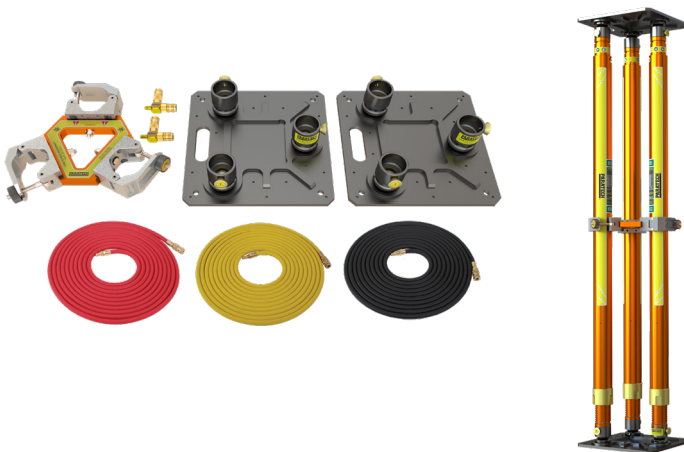
## High Strength Structural Kit

The Paratech High Strength Structural Kit is designed to cope with the heaviest loads seen in USAR. The HSSK combines 3 heavy duty LongShore shoring struts, the strongest shores Paratech produces, and combines them into a single shoring configuration using a simple and easy to install hand tightened tri-brace. The tri-brace ties the shores together and provides rescuers 3X the load rating listed shoring capacity of the tabulated data on the LongShore strut at a given length. The HSSK can be used to shore the extremely heavy loads at length such as replacing damaged columns in a compromised structure.

| Part No.   | Description                  | Net Weight |      |
|------------|------------------------------|------------|------|
|            |                              | lb         | kg   |
| 22-796HSSK | High Strength Structural Kit | 73         | 33,1 |

| Part No.  | Description              | Quantity |
|-----------|--------------------------|----------|
| 22-796395 | Strut Distributor Module | 2        |
| 22-796399 | Tri-Brace                | 1        |



| Part No.  | Description                     | Quantity |
|-----------|---------------------------------|----------|
| 22-796680 | Tri-Base                        | 2        |
| 22-890520 | 32 ft Hose, Yellow w/ Couplings | 1        |
| 22-890521 | 32 ft Hose, Red w/ Couplings    | 1        |
| 22-890522 | 32 ft Hose, Black w/ Couplings  | 1        |

# Rescue Support Systems

## Basic 12 Shore Trench Kit

Updated  
Kit

This kit gives the rescuer the ability to construct up to 12 shores for use in a Trench Rescue. With the available air controls and vibrant colored hoses, this is a great starter trench kit.

| Part No.   | Description | Net Weight |       |
|------------|-------------|------------|-------|
|            |             | lb         | kg    |
| 22-796860  | US          | 366.0      | —     |
| 22-796860D | Metric      | —          | 166,3 |

| Part No.    | Description                                         | Quantity |
|-------------|-----------------------------------------------------|----------|
| 22-796206   | AcmeThread Strut 19-25 in / 48 - 64 cm              | 4        |
| 22-796200   | AcmeThread Strut 25-36 in / 64-91 cm                | 4        |
| 22-796202   | AcmeThread Strut 37-58 in / 94-147 cm               | 4        |
| 22-796017   | Strut Extension 6 in / 15 cm                        | 4        |
| 22-796012   | Strut Extension 12 in / 30 cm                       | 4        |
| 22-796024   | Strut Extension 24 in / 61 cm                       | 4        |
| 22-796060   | Square Swivel Base 6 in / 15.2 cm                   | 18       |
| 22-796070   | Square Rigid Base 6 in / 15.2 cm                    | 6        |
| 22-796103G3 | Dual Deadman Strut Controller G3 250 psi / 17.2 bar | 1        |
| 22-895400G3 | Strut Regulator G3 CGA / DIN                        | 1        |
| 22-890513   | Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black   | 1        |
| 22-890524   | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Green  | 2        |
| 22-890520   | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow | 2        |
| 22-890523   | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Blue   | 2        |
| 22-890521   | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red    | 2        |
| 22-796430   | Shoring Hammer                                      | 2        |
| 22-796395   | Strut Distributor Module (2 coupling, 1 nipple)     | 2        |



4 - Strut Extension 6 in / 15 cm 22-796017



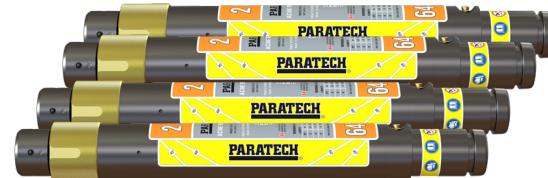
4 - Strut Extension 12 in / 30 cm 22-796012



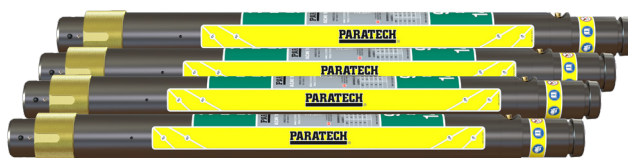
4 - Strut Extension 24 in / 61 cm 22-796024



4 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



4 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



6 - Square Rigid Base 6 in / 15,2 cm 22-796070



18 - Square Swivel Base 6 in / 15,2 cm 22-796060



2 - Air Hose  
3/8 in / 9.5 mm dia. x  
32 ft / 10 m Blue  
22-890523



2 - Air Hose  
3/8 in / 9.5 mm dia. x  
32 ft / 10 m Yellow  
22-890520



1 - Air Hose  
3/8 in / 9.5 mm dia. x  
16 ft / 5 m Black  
22-890513



2 - Air Hose  
3/8 in / 9.5 mm dia.x  
32 ft / 10 m Green  
22-890524



2 - Air Hose  
3/8 in / 9.5 mm dia. x  
32 ft / 10 m Red  
22-890521



2- Strut Distributor  
Module  
Part No. 22-796395



1 - Dual Deadman  
Strut  
Controller G3  
250 psi / 17,2 bar  
22-796103G3



2 - Shoring  
Hammer  
22-796430



1 - Strut  
Regulator G3  
5,500-300 psi /  
379.2-20,7 bar  
22-895400G3





## 16 Shore Trench Kit

Updated  
Kit

This kit gives the rescuer the ability to construct up to 16 shores for use in a Trench Rescue. With the available Trench Cushions to fill void spaces and the air controls & vibrant colored hoses, this is a great kit for your Trench Rescue needs.

| Part No.   | Description | Net Weight<br>lb | kg    |
|------------|-------------|------------------|-------|
| 22-796862  | US          | 620.2            | —     |
| 22-796862D | Metric      | —                | 281,9 |

| Part No.    | Description                                         | Quantity |
|-------------|-----------------------------------------------------|----------|
| 22-796206   | AcmeThread Strut 19-25 in / 48-64 cm                | 6        |
| 22-796200   | AcmeThread Strut 25-36 in / 64-91 cm                | 4        |
| 22-796202   | AcmeThread Strut 37-58 in / 94-147 cm               | 4        |
| 22-796006   | LockStroke Strut 19-25 / 48-64 cm                   | 1        |
| 22-796000   | LockStroke Strut 25-36 / 64-91 cm                   | 1        |
| 22-796017   | Strut Extension 6 in / 15 cm                        | 6        |
| 22-796012   | Strut Extension 12 in / 30 cm                       | 6        |
| 22-796024   | Strut Extension 24 in / 61 cm                       | 6        |
| 22-796TCK   | Trench Control Kit 1                                | 1        |
| 22-796103G3 | Dual Deadman Strut Controller G3 250 psi / 17,2 bar | 1        |
| 22-895400G3 | Strut Regulator G3 5,500-300 psi / 379.2-20,7 bar   | 1        |
| 22-890520   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Yellow | 2        |
| 22-890521   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Red    | 2        |
| 22-890522   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Black  | 1        |
| 22-890523   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Blue   | 1        |
| 22-890524   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Green  | 1        |
| 22-890525   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Gray   | 1        |
| 22-890513   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m Black   | 1        |
| 22-796395   | Strut Distributor Module (2 coupling, 1 nipple)     | 6        |
| 22-796060   | Square Swivel Base 6 in / 15,2 cm                   | 24       |
| 22-796070   | Square Rigid Base 6 in / 15,2 cm                    | 8        |
| 22-796430   | Shoring Hammer                                      | 2        |
| 22-887070   | Trench Cushion Kit (qty. 1 kit below)               | 1        |
| 22-887010K  | B/K Cushion 5.1 Ton (4,7 t)                         | 1        |
| 22-887015K  | C/K Cushion 7.4 Ton (6,7t)                          | 1        |
| 22-887305G3 | Dual Controller 14.5 psi / 0.5 bar                  | 1        |
| 22-887400   | Air Hose 1 in / 25.4 mm dia. x 20 ft / 6.1 m Red    | 1        |
| 22-890401   | Air Hose 1 in / 25.4 mm dia. x 20 ft / 6.1 m Blue   | 1        |
| 22-890513   | Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black   | 1        |



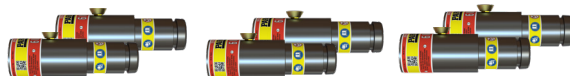
1 - B/K Cushion 5.1 Ton  
(4,7 t) 22-887010K



1 - C/K Cushion 7.4 Ton  
(6,7 t) 22-887015K



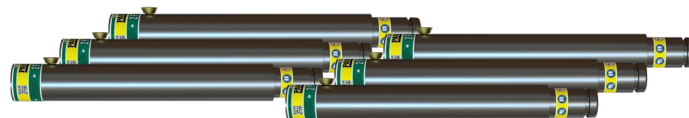
1 - Dual Deadman  
Cushion Controller G3  
22-887305G3



6 - Strut Extension 6 in / 15 cm 22-796017



6 - Strut Extension 12 in / 30 cm 22-796012



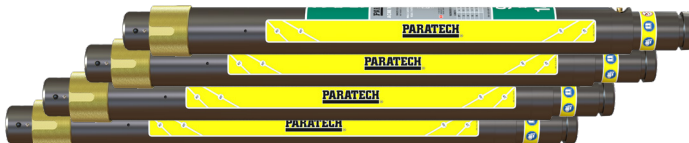
6 - Strut Extension 24 in / 61 cm 22-796024



1 - LockStroke Struts 19-25 in / 48-64 cm 22-796006



1 - LockStroke Struts 25-36 in / 64-91 cm 22-796000



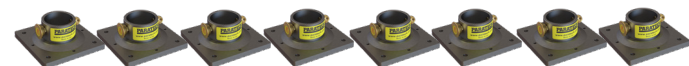
4 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



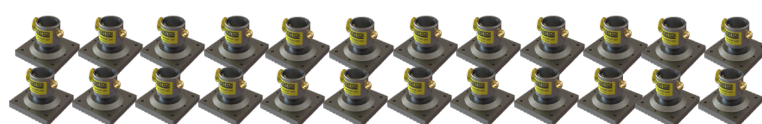
4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



6 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



8 - Square Rigid Base 6 in / 15.2 cm 22-796070



24 - Square Swivel Base 6 in / 15.2 cm 22-796060



2 - Shoring Hammer  
22-796430



1 - Air Hose 1 in / 25.4 mm  
dia. x 20 ft / 6.1 m Red



1 - Air Hose 1 in / 25.4 mm  
dia. x 20 ft / 6.1 m Blue



# Rescue Support Systems

## Light US&R Rescue Strut System

This system affords the rescuer the ability to tackle most Structural Collapse Rescues.

The system includes (1) Raker Set and numerous Rescue Struts and components which would be a great start to any Fire Department looking to be more involved in structural collapse incidents.

| Part No.   | Description | Net Weight |       |
|------------|-------------|------------|-------|
|            |             | lb         | kg    |
| 22-796901  | US          | 740.1      | —     |
| 22-796901M | Metric      | —          | 335,7 |

| Part No.         | Description                                         | Quantity |
|------------------|-----------------------------------------------------|----------|
| 22-796212        | AcmeThread Strut 12-15 in / 31-38 cm                | 2        |
| 22-796206        | AcmeThread Strut 19-25 in / 48-64 cm                | 2        |
| 22-796200        | AcmeThread Strut 25-36 in / 64-91 cm                | 2        |
| 22-796202        | AcmeThread Strut 37-58 in / 94-147 cm               | 2        |
| 22-796204        | AcmeThread Strut 56-88 in / 142-224 cm              | 2        |
| 22-796360        | LongShore Strut 610, 72-116 in / 183-295 cm         | 2        |
| 22-796017        | Strut Extension 6 in / 15 cm                        | 2        |
| 22-796012        | Strut Extension 12 in / 30 cm                       | 2        |
| 22-796024        | Strut Extension 24 in / 61 cm                       | 2        |
| 22-796036        | Strut Extension 36 in / 91 cm                       | 2        |
| 22-796060        | Swivel Base 6 in / 15,2 cm                          | 15       |
| 22-796070        | Rigid Base 6 in / 15,2 cm                           | 15       |
| 22-796103G3      | Dual Deadman Strut Controller G2 250 psi / 17,2 bar | 1        |
| 22-895400G3      | Strut Regulator G3 CGA                              | 1        |
| 22-796RG1-2K     | Rescue Guardian Kit                                 | 1        |
| 22-890520        | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow | 1        |
| 22-890521        | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red    | 1        |
| 22-890522        | Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Black  | 1        |
| 22-796430        | Shoring Hammer                                      | 4        |
| <b>22-796984</b> | <b>Absolute Raker Set (qty. 1 kit below)</b>        | <b>1</b> |
| 22-796180C       | Hinged Base 12 w/ Anchor Ring                       | 2        |
| 22-796250        | Raker Rail Latch                                    | 4        |
| 22-796258C       | Raker Rail 6                                        | 4        |
| 22-796280        | Raker Rail Junction                                 | 2        |
| 22-796290        | Raker Junction Base                                 | 2        |
| 22-796330        | Clamp and Clevis                                    | 12       |
| 22-796342        | LongShore Extension 24 in                           | 7        |
| 22-796350        | LongShore Adjustable Brace B57                      | 7        |
| 22-796356        | LongShore Extension 48 in                           | 2        |
| 22-796360        | LongShore Strut 610                                 | 4        |
| 22-796376        | LongShore Extension 67 in                           | 2        |
| 22-796469        | Raker Rail Splice                                   | 2        |
| 22-796475        | Raker Angle Base                                    | 2        |
| 22-796689        | Latch Holder                                        | 1        |



2 - LongShore 610 Struts 72-116 in / 183-295 cm 22-796360



2 - AcmeThread Struts 56-88 in / 142-224 cm 22-796204



2 - Strut Extension 6 in / 15 cm 22-796017



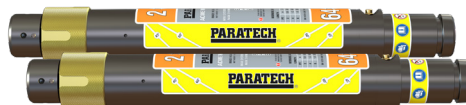
2 - Strut Extension 12 in / 30 cm 22-796012



2 - AcmeThread Struts 12-15 in / 31-38 cm 22-796212



2 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



2 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



2 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Red  
22-890521



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Black  
22-890522



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Yellow  
22-890520



1 - Dual Deadman  
Strut  
Controller G3  
250 psi / 17,2 bar  
22-796103G3



4 - Shoring  
Hammers  
22-796430

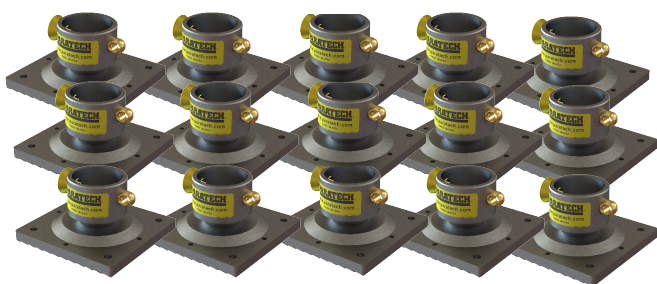


1 - Strut  
Regulator G3  
5,500-300 psi /  
379.2-20,7 bar  
22-895400G3



1 - Rescue Guardian 2 Kit 22-796RG1-2K

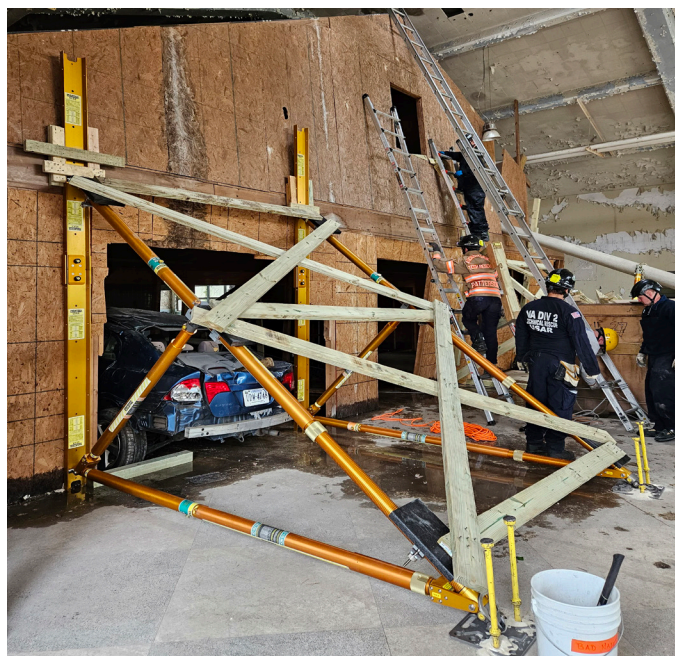




15 - Square Swivel Base 6 in / 15,2 cm 22-796060



15 - Square Rigid Base 6 in / 15,2 cm 22-796070



2 - Strut Extension 36 in / 91 cm 22-796036



2 - Strut Extension 24 in / 61 cm 22-796024

## 22-796984 Absolute Raker Set



7 - LongShore Extension 24 in / 61 cm 22-796342



2 - LongShore Extension 48 in / 122 cm 22-796356



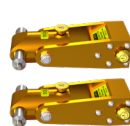
2 - LongShore Extension 67 in / 170 cm 22-796376



4 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360



4 - Raker Rail 6 72 in / 183 cm 22-796258C



2 - Raker Rail Junction 22-796280



2 - Raker Junction Base 22-796290



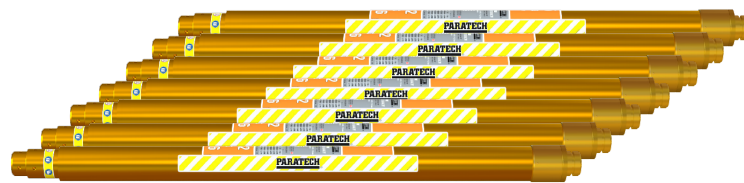
2 - Raker Angle Base 22-796475



1 - Latch Holder 22-796689



4 - Raker Rail Latch 22-796250



7 - LongShore Adjustable Brace B57 60-85 in / 152-216 cm 22-796350



12 - Clamp and Clevis 22-796330



2 - Hinged Base Plate 12 in / 30,5 cm 22-796180C



2 - Raker Rail Splice 22-796469

# Rescue Support Systems

## US&R Rescue Strut System

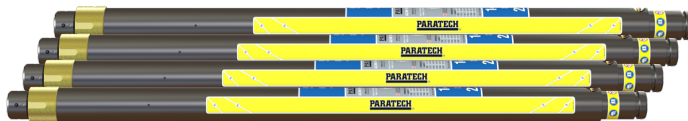
The US&R Rescue Strut System is the most complete structural collapse systems that has been standardized by the FEMA US&R teams. For any team serious about Urban Search & Rescue, this is the system to make it happen. The system includes (2) 6' Raker Sets and numerous Rescue Struts and components to handle almost any disaster that the rescuers are faced with.

| Part No.   | Description | Net Weight |       |
|------------|-------------|------------|-------|
|            |             | lb         | kg    |
| 22-796900  | US          | 1713.6     | —     |
| 22-796900M | Metric      | —          | 777,3 |

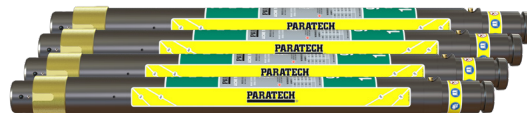
| Part No.         | Description                                         | Quantity |
|------------------|-----------------------------------------------------|----------|
| 22-796212        | AcmeThread Strut 12-15 in / 31-38 cm                | 4        |
| 22-796206        | AcmeThread Strut 19-25 in / 48-64 cm                | 4        |
| 22-796200        | AcmeThread Strut 25-36 in / 64-91 cm                | 4        |
| 22-796202        | AcmeThread Strut 37-58 in / 94-147 cm               | 4        |
| 22-796204        | AcmeThread Strut 56-88 in / 142-224 cm              | 4        |
| 22-796360        | LongShore Strut 610, 72-116 in / 183-295 cm         | 4        |
| 22-796017        | Strut Extension 6 in / 15 cm                        | 4        |
| 22-796012        | Strut Extension 12 in / 30 cm                       | 4        |
| 22-796024        | Strut Extension 24 in / 61 cm                       | 4        |
| 22-796036        | Strut Extension 36 in / 91 cm                       | 4        |
| 22-796060        | Swivel Base 6 in / 15.2 cm                          | 30       |
| 22-796070        | Rigid Base 6 in / 15.2 cm                           | 30       |
| 22-796103G3      | Dual Deadman Strut Controller G3 250 psi / 17,2 bar | 2        |
| 22-895400G3      | Strut Regulator G3 CGA / DIN                        | 2        |
| 22-796RG1-2K     | Rescue Guardian Kit                                 | 2        |
| 22-890520        | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Yellow | 2        |
| 22-890521        | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Red    | 2        |
| 22-890522        | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m Black  | 2        |
| 22-796430        | Shoring Hammer                                      | 8        |
| <b>22-796984</b> | <b>Absolute Raker Set (qty. 2 kit below)</b>        | <b>1</b> |
| 22-796180C       | Hinged Base 12 w/ Anchor Ring                       | 2        |
| 22-796250        | Raker Rail Latch                                    | 4        |
| 22-796258C       | Raker Rail 6                                        | 4        |
| 22-796280        | Raker Rail Junction                                 | 2        |
| 22-796290        | Raker Junction Base                                 | 2        |
| 22-796330        | Clamp and Clevis                                    | 12       |
| 22-796342        | LongShore Extension 24 in                           | 7        |
| 22-796350        | LongShore Adjustable Brace B57                      | 7        |
| 22-796356        | LongShore Extension 48 in                           | 2        |
| 22-796360        | LongShore Strut 610                                 | 4        |
| 22-796376        | LongShore Extension 67 in                           | 2        |
| 22-796469        | Raker Rail Splice                                   | 2        |
| 22-796475        | Raker Angle Base                                    | 2        |
| 22-796689        | Latch Holder                                        | 1        |



4 - LongShore 610 Struts 72-116 in / 183-295 cm 22-796360



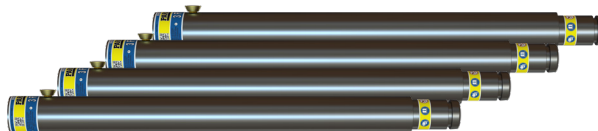
4 - AcmeThread Struts 56-88 in / 142-223 cm 22-796204



4 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



4 - Strut Extension 36 in / 91 cm 22-796036



4 - Strut Extension 6 in / 15 cm 22-796017



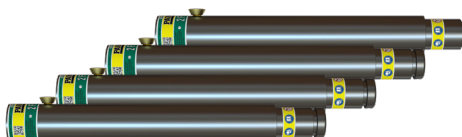
4 - Strut Extension 12 in / 30 cm 22-796012



4 - AcmeThread Struts 12-15 in / 31-38 cm 22-796212



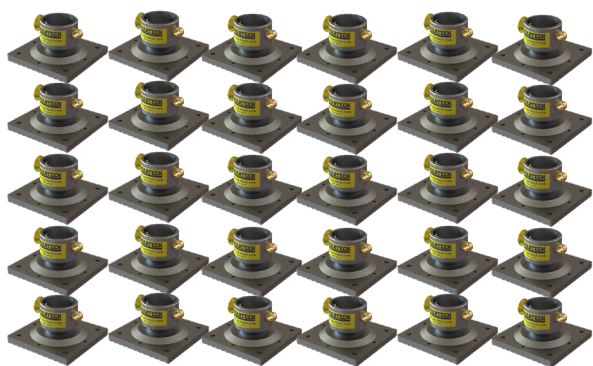
4 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



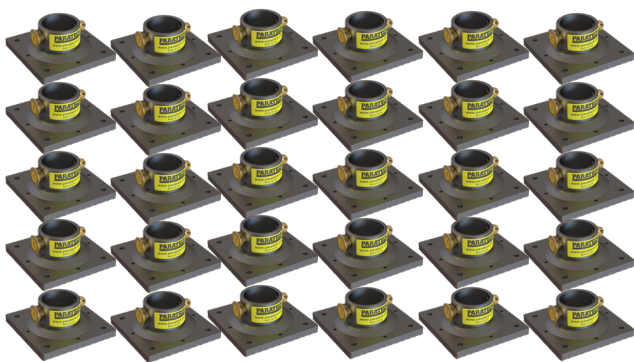
4 - Strut Extension 24 in / 61 cm 22-796024



# Rescue Support Systems



30 - Square Swivel Base 6 in / 15.2 cm 22-796060



30 - Square Rigid Base 6 in / 15.2 cm 22-796070



2 - Dual Deadman  
Strut  
Controller G3  
250 psi / 17,2 bar  
22-796103G3



8 - Shoring  
Hammers  
22-796430



2 - Strut  
Regulator G3  
5,500-300 psi /  
379.2-20,7 bar  
22-895400G3



2 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Red  
22-890521



2 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Black  
22-890522



2 - Air Hose  
3/8 in / 9.5 mm dia.  
x 32 ft / 10 m Yellow  
22-890520



2 - Rescue Guardian 2 Kit 22-796RG1-2K

## 22-796984 Absolute Raker Set

The US&R Rescue Strut System includes **TWO COMPLETE** Absolute Raker Sets (shown below)



7 - LongShore Extension 24 in / 61 cm 22-796342



2 - LongShore Extension 48 in / 122 cm 22-796356



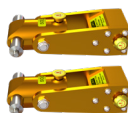
2 - LongShore Extension 67 in / 170 cm 22-796376



4 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360



4 - Raker Rail 6 72 in / 183 cm 22-796258C



2 - Raker Rail  
Junction  
22-796280



2 - Raker  
Junction Base  
22-796290



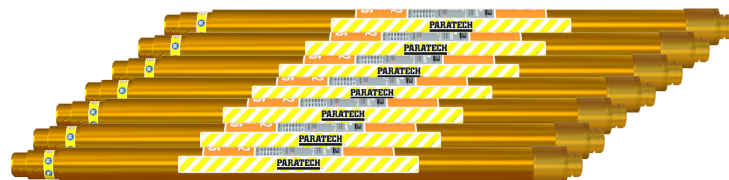
2 - Raker  
Angle Base  
22-796475



1 - Latch  
Holder  
22-796689



4 - Raker Rail Latch 22-796250



7 - LongShore Adjustable Brace B57 60-85 in / 152-216 cm 22-796350



12 - Clamp  
and Clevis  
22-796330



2 - Hinged Base  
Plate 12 in / 30,5 cm  
22-796180C



2 - Raker Rail Splice  
22-796469

# Vehicle Stabilization Kits

## Supporter X2- All-In-One Vehicle Stabilizer

### The 'ALL IN ONE' Vehicle Stabilizer!

#### Stronger, Faster, Safer!

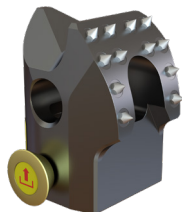
When you need to stabilize a vehicle accident scene quickly, there is nothing faster or stronger. With the TwistLock Collar all you need to do is TWIST, EXTEND, LOCK and the SUPPORTER can stabilize 10,000 lb / 4,536 kg with a 2:1 safety factor at ANY height.

**Maximum load up to 10,000 lb / 4.536 kg with a 2:1 safety factor**

- Easy Extra Extension Ability
- Weight: 35.0 lb / 15,9 kg
- Collapsed, Base on Ground 40 in / 101,6 cm
- Extended, Base on Ground 65.4 in / 166,1 cm
- Extended with Extension 95.4 in / 242,3 cm

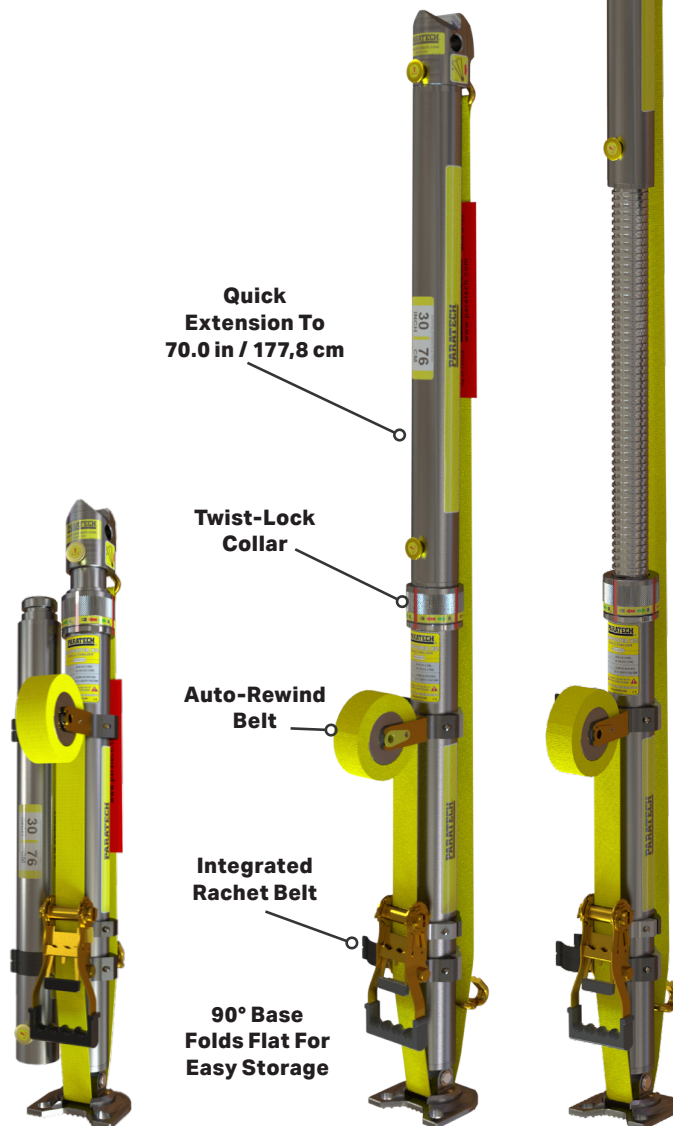


| Part No.      | Description                | Net Weight |      |
|---------------|----------------------------|------------|------|
|               |                            | lb         | kg   |
| 22-797E12E    | SUPPORTER X2               | 37.3       | 16,9 |
| 22-797E12E-AR | SUPPORTER X2/W Anchor Ring | 39.3       | 17,9 |



**Spike Base Positive Grip Shackle  
Hole Angle Indicator Replaceable  
Spikes Integrated V & Cone Base**

**Quick Super  
Extension to  
95.4 in / 242,3 cm**





## Vehicle Stabilization Kit

Paratech Vehicle Stabilization Kits have the strength and flexibility to handle any size vehicle anytime, anywhere. This includes sub compact cars, buses, cement trucks and even train locomotives. Additionally, these components provide the extra value of being completely interchangeable with your other Paratech equipment for building collapse and trench rescue scenarios. They are strong, sturdy and reliable. Paratech systems are the easiest to use and the strongest VSKs.

### VSK Comparison

|                        | Supporter                  | Standard                   | Highway                    | Interstate                  |
|------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Max Load               | 10,000lb / 4.5T / 4,536 kg | 40,000lb / 18T / 18,144 kg | 80,000lb / 36T / 36,287 kg | 120,000lb / 54T / 54,531 kg |
| # of AcmeThread Struts | 0                          | 2                          | 4                          | 0                           |
| # of LongShore Struts  | 0                          | 0                          | 0                          | 6                           |
| # of Extensions        | 1                          | 4                          | 6                          | 6                           |
| # of Bases             | 1                          | 4                          | 8                          | 18                          |
| # of Ratchet Belts     | 1 (Attached)               | 4                          | 4                          | 6                           |

With the highest industry safety standard, Paratech's VSK can hold 10,000lb / 4.5TONS / 4.536 kg up to 120,000lb / 54.TONS / 54,531 kg. Paratech vehicle stabilization kits have the strength & flexibility to handle any size vehicle anytime.

### VSK V2 Controller

Safely use compressed air to extend struts! This innovative controller is capable of extending the heaviest combination of struts and extensions with a simple on / off control. Its low 29 PSI / 2 Bar pressure reduction and unique automatic vent relief feature, eliminates the risk of over pressurizing in the event of a load shift, ensuring a secure and steady strut extension. Ideal for safely chasing stabilization struts while performing a lift.

Net Weight: 2.4 lbs; 1,0 kg



**VSK V2 Controller**  
Part No. 22-796V02



**Double Male Nipple**  
Part No. 22-890730-180



**Coupling Plug**  
Part No. 22-890715

**Tether**  
Part No. 22-890717



# Vehicle Stabilization Kits

## VSK Base Kits

Bases integrated with Ratchet Belt and Anchor Ring, ready for rapid deployment, making vehicle stabilization quicker & easier.

### Product Features:

- Fast and easy to deploy
- Available with small or large size base foot
- Integrated Anchor Ring for multiple Ratchet Belt usage
- Built in ratchet keeps hot zone free of tripping hazard from unused belt
- Compatible with all of Paratech's Acmethread and Lockstroke Rescue Support System components

| Part No.  | Description    | Net Weight |      |
|-----------|----------------|------------|------|
|           |                | lb         | kg   |
| 22-796303 | VSK Base 6 Kit | 25.9       | 11,7 |

| Part No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 22-796331  | VSK Base 6                 | 1        |
| 22-797042E | Adjustable Carrying Handle | 1        |
| 22-796161  | Tie-Down Keys w / J Hook   | 1        |

| Part No.  | Description     | Net Weight |      |
|-----------|-----------------|------------|------|
|           |                 | lb         | kg   |
| 22-796309 | VSK Base Kit 12 | 30.9       | 14,0 |

| Part No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 22-796308  | VSK Base 12                | 1        |
| 22-797042E | Adjustable Carrying Handle | 1        |
| 22-796161  | Tie-Down Keys w / J Hook   | 1        |

### VSK BASE KIT 6

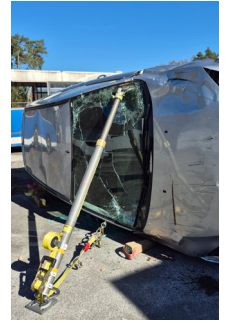
- 1 - Adjustable Carrying Handle  
22-797042E

- 1 - Tie Down Keys with J Hook  
22-796161

### VSK BASE KIT 12

- 1 - Adjustable Carrying Handle  
22-797042E

- 1 - Tie Down Keys with J Hook  
22-796161



## Standard VSK

Paratech's flagship kit and the "standard" when addressing your stabilization needs. This kit covers everything from small vehicles to large commercial/municipal vehicles.

**Max. load up to 40,000 lb / 18,144 kg with a 4:1 safety factor**

| Part No.  | Description  | Net Weight |      |
|-----------|--------------|------------|------|
|           |              | lb         | kg   |
| 22-796850 | Standard VSK | 121.3      | 55,1 |

| Part No.   | Description                              | Quantity |
|------------|------------------------------------------|----------|
| 22-796200  | AcmeThread Strut 25-36 in / 64-91 cm     | 1        |
| 22-796202  | Acme Thread Strut 37-58 in / 94-147 cm   | 1        |
| 22-796012  | Strut Extension 12 in / 30 cm            | 1        |
| 22-796024  | Strut Extension 24 in / 61 cm            | 1        |
| 22-796025  | Multi-Base                               | 2        |
| 22-796180C | Hinged Base w/Anchor Ring 12 in / 30 cm  | 2        |
| 22-890553  | Ratchet Belt w/Finger Hook 27 ft / 8.2 m | 2        |
| 22-796161  | Tie Down Keys w/J Hook                   | 2        |
| 22-796263  | VSK Tie Back Sling                       | 1        |



- 1 - Strut Extensions 12 in / 30 cm 22-796012



- 1 - Strut Extension 24 in / 61 cm 22-796024



- 1 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



- 1 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



- 2 - Ratchet Belt with Finger Hook 27 ft / 8.2 m 22-890553



- 1 - VSK Tie Back Sling



- 2 - Hinged Base with Anchor Ring 12 in / 30 cm 22-796180C



- 2 - Tie Down Keys with J Hook 22-796161 2 - Multi-Base 22-796025





## Heavy Vehicle Extrication Kit

The most comprehensive heavy lifting kit available, utilizing the strength of HydraFusion Struts, lifting height and power of the Multiforce and the Rapid Extrication Kit PLUS much more. With this Kit you can lift and stabilize any size vehicle on the road.

| Part No.     | Description                       | Net Weight |       |
|--------------|-----------------------------------|------------|-------|
|              |                                   | lb         | kg    |
| 22-88HVENCK  | Heavy Vehicle Extrication Kit     | 1,269.9    | —     |
| 22-88HVENCKD | Heavy Vehicle Extrication Kit DIN | —          | 577,2 |

| Part No.   | Description                                    | Quantity |
|------------|------------------------------------------------|----------|
| 22-79HA10K | HydraFusion 10 Kit                             | 2        |
| 22-796180C | Hinged Base Plate w/ Anchor Ring 12 in / 30 cm | 6        |
| 22-88DREK  | Rapid Extrication Kit                          | 1        |
| 22-796720  | LongShore Strut 304 36-50 in / 91-127 cm       | 2        |
| 22-796730  | LongShore Strut 406 48-73 in / 122-185 cm      | 2        |
| 22-796360  | LongShore Strut 610 72-116 in / 183-295 cm     | 2        |
| 22-796342  | LongShore Extension 24 in / 61 cm              | 2        |
| 22-796356  | LongShore Extension 48 in / 122 cm             | 2        |
| 22-796376  | LongShore Extension 67 in / 170 cm             | 2        |
| 22-000680  | SPF Hooligan                                   | 1        |
| 22-796090  | V Base                                         | 2        |
| 22-796270  | Contour Base                                   | 4        |
| 22-796685  | Multi-Chain Base                               | 2        |
| 22-796025  | Multi-Base                                     | 4        |
| 22-890015  | Non Slip Neoprene Pad                          | 2        |
| 22-796P14  | Double Headed Picket 40 in / 106cm             | 4        |
| 22-796C1H  | Chain 20 ft / 6.1 m x 3/8 in, grade 100        | 2        |
| 22-890553  | Ratchet Belt w/Finger Hook 27 ft / 8,2 m       | 6        |
| 22-796161  | Tie Down Keys w / J Hook                       | 4        |
| 22-796979  | Chain Binder                                   | 2        |
| 22-796V02  | VSK Controller                                 | 1        |
| 22-796263  | VSK Tie Back Sling                             | 1        |



## Rapid Extrication Kit

Combining the speed of Paratech's MULTIFORCE Air Lifting Bag with the flexibility of our Standard VSK, the Rapid Extrication Kit gets vehicles lifted and stabilized quicker than any other.

| Part No.   | Description               | Net Weight |      |
|------------|---------------------------|------------|------|
|            |                           | lb         | kg   |
| 22-88DREK  | Rapid Extrication Kit     | 190.2      | —    |
| 22-88DREKD | Rapid Extrication Kit DIN | —          | 86,3 |

| Part No.     | Description                            | Quantity |
|--------------|----------------------------------------|----------|
| 22-88D025G3K | Remote Placement G3 Multiforce Bag Kit | 1        |
| 22-796200    | AcmeThread Strut 25-36 in / 64-91 cm   | 2        |
| 22-796012    | Strut Extension 12 in / 30 cm          | 2        |
| 22-796024    | Strut Extension 24 in / 61 cm          | 2        |
| 22-796025    | Multi-Base                             | 2        |
| 22-796180C   | Hinged Base 12 w/ Anchor Ring          | 2        |
| 22-890553    | Ratchet Belt 27' WLL 3300 lbs          | 4        |
| 22-796161    | Tie Down Keys w / J Hook               | 2        |



# Vehicle Stabilization Kits

## Highway VSK

Doubling the capacity of the Standard VSK, this kit is designed for multiple vehicles, longer reach and heavier weights such as a fully loaded tractor trailer.

**Max. load up to 80,000 lb / 36,287 kg with a 4:1 safety factor**

| Part No.  | Description | Net Weight |      |
|-----------|-------------|------------|------|
|           |             | lb         | kg   |
| 22-796852 | Highway VSK | 178.3      | 81,0 |

| Part No.   | Description                               | Quantity |
|------------|-------------------------------------------|----------|
| 22-796200  | AcmeThread Strut 25-36 in / 64-91 cm      | 2        |
| 22-796202  | AcmeThread Strut 37-58 in / 94-147 cm     | 2        |
| 22-796012  | Strut Extension 12 in / 30 cm             | 2        |
| 22-796024  | Strut Extension 24 in / 61 cm             | 2        |
| 22-796036  | Strut Extension 36 in / 91 cm             | 2        |
| 22-796025  | Multi-Base                                | 4        |
| 22-796180C | Hinged Base w /Anchor Ring 12 in / 30 cm  | 4        |
| 22-890553  | Ratchet Belt w /Finger Hook 27 ft / 8,2 m | 4        |
| 22-796161  | Tie Down Keys w /J Hook                   | 4        |
| 22-796263  | VSK Tie Back Sling                        | 1        |



2 - Strut Extensions 12 in / 30 cm 22-796012



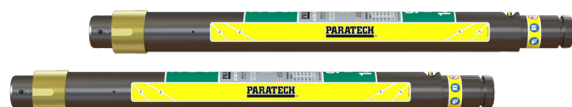
2 - Strut Extensions 24 in / 61 cm 22-796024



2 - Strut Extensions 36 in / 91 cm 22-796036



2 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



2 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



4 - Ratchet Belt with Finger Hook 27 ft / 8,2 m 22-890553



4 - Multi-Base 22-796025



4 - Hinged Base with Anchor Ring 12 in / 30 cm 22-796180C



4 - Tie Down Keys with J Hook 22-796161



1 - VSK Tie Back Sling



## Interstate/Motorway VSK

The ultimate vehicle stabilization kit. There is no vehicle on the road, runway or track that this kit cannot stabilize. When your vehicular rescue needs the strongest system available, look no further.

**Maximum load up to 120,000 lb / 54.431 kg with a 4:1 safety factor**

| Part No.  | Description             | Net Weight |       |
|-----------|-------------------------|------------|-------|
|           |                         | lb         | kg    |
| 22-796855 | Interstate/Motorway VSK | 449.0      | 204,0 |

| Part No.   | Description                                    | Quantity |
|------------|------------------------------------------------|----------|
| 22-796720  | LongShore Strut 304 36-50 in / 91-127 cm       | 2        |
| 22-796730  | LongShore Strut 406 48-73 in / 122-185 cm      | 2        |
| 22-796360  | LongShore Strut 610 72-116 in / 183-295 cm     | 2        |
| 22-796342  | LongShore Extension 24 in / 61 cm              | 3        |
| 22-796356  | LongShore Extension 48 in / 122 cm             | 3        |
| 22-796090  | V Base                                         | 4        |
| 22-796270  | Contour Base                                   | 4        |
| 22-796025  | Multi-Base                                     | 4        |
| 22-796180C | Hinged Base Plate w/ Anchor Ring 12 in / 30 cm | 6        |
| 22-796C1H  | Chain 20 ft / 6.1 m x 3/8 in, grade 100        | 2        |
| 22-890553  | Ratchet Belt w/Finger Hook 27 ft / 8,2 m       | 6        |
| 22-796161  | Tie Down Keys w/ J Hook                        | 4        |
| 22-890015  | Non Slip Neoprene Pad                          | 2        |
| 22-796263  | VSK Tie Back Sling                             | 1        |



**3 - LongShore Extension 24 in / 61 cm 22-796342**



**3 - LongShore Extension 48 in / 122 cm 22-796356**



**2 - LongShore Strut 304 36-50 in / 91-127 cm 22-796720**



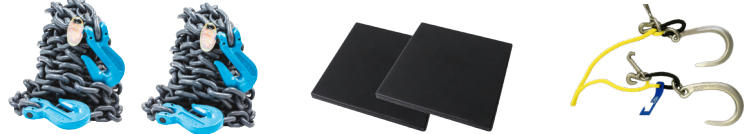
**2 - LongShore Strut 406 48-73 in / 119-185 cm 22-796730**



**2 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360**



**6 - Hinged Base with Anchor Ring 12 in / 30 cm 22-796180C**



**2 - Chain 20 ft / 6.1 m x 3/8 in, grade 100 22-796C1H 2 - Non Slip Neoprene Pad 22-890015 1 - VSK Tie Back Sling 22-796263**



**4 - Tie Down Keys with J Hook 22-796161**



**6 - Ratchet Belt with Finger Hook 27 ft / 8,2 m 22-890553**



**4 - Contour Base 22-796270**



**4 - V Base 22-796090**



**4 - Multi-Base 22-796025**

# MultiForce® Air Lifting Bags

## MULTIFORCE

Paratech's MULTIFORCE Air Lifting Bag takes lifting to a whole new level. Integrating the latest technology with a unique understanding of lifting, Paratech has designed the MULTIFORCE Air Lifting Bag to exceed expectations. Ease of use and speed of deployment make the MULTIFORCE Air Lifting Bag an obvious choice whether the goal is saving lives or lifting locomotives. Paratech's patented design ensures that the high lift of this system can get into the tightest places possible, while the innovative remote lifting base keeps personnel safely away from the load when positioning the MULTIFORCE Air Lifting Bag. A dual stage feature keeps the load steady as the bag inflates so load drift is minimized and safety relief valves are integrated into the bag itself making over-inflation completely impossible. No mechanical coupling between air chambers means a stronger and safer lift. The remote lifting base doubles as a storage device keeping the bag safe and making it extremely easy to store.

### HEAVY-DUTY RUBBER GRIPPING SURFACE

### BUILT-IN INTERNAL RELIEF VALVE

### DUAL STAGE LIFTING FEATURE KEEPS THE LOAD STABLE THROUGH THE LIFT

### INTEGRATED HEAVY-DUTY WHEELS FOR EASY TRAVEL

### DETACHABLE PLACEMENT HANDLE EXTENDS TO 50 IN / 127 CM

### LIFT HEIGHT OF 26 IN / 66 CM

### HIGH VISIBILITY CENTERING STRIPES

### REMOTE PLACEMENT BASE ASSISTS WITH POSITIONING AND LIFTING STABILITY

### SIDE HANDLES DESIGNED TO ACCEPT FINGER HOOKS OR LARGER

### CONFORMS TO EN13731-2007 MEETS NFPA 1960. 2024 ED 3RD PARTY CERTIFIED

|                                   | COMPACT             | BASIC                        | REMOTE             |
|-----------------------------------|---------------------|------------------------------|--------------------|
| LIFT HEIGHT=                      | —                   | 26 IN / 66 CM                | —                  |
| LIFT CAPACITY=                    | —                   | 37.2 TONS / 33,7 METRIC TONS | —                  |
| INSERTION HEIGHT=                 | —                   | 4.5 IN / 11.4 CM             | —                  |
| STORAGE HEIGHT=                   | 4.88 IN / 12.39 CM  | 4.88 IN / 12.39 CM           | 6 IN / 15.3 CM     |
| WEIGHT=(without placement device) | —                   | 46.2 LBS / 21 KG             | —                  |
| WEIGHT=(with placement device)    | 51.6 LBS / 23.41 KG | 54.17 LBS / 24.57 KG         | 60.6 LBS / 27.5 KG |
| LENGTH=(without placement device) | —                   | 23.75 IN / 60.33 CM          | —                  |
| LENGTH=(with placement device)    | 24.46 IN / 62.13 CM | 28.81 IN / 73.18 CM          | 30.71 IN / 78 CM   |
| WIDTH=(without placement device)  | —                   | 23.5 IN / 59.7 CM            | —                  |
| WIDTH=(with placement device)     | 23.63 IN / 60.02 CM | 27.98 IN / 71.07 CM          | 27.98 IN / 71.1 CM |

| Part No.       | Description                                | Net Weight |       |
|----------------|--------------------------------------------|------------|-------|
|                |                                            | lb         | kg    |
| 22-88D025G3    | Remote Placement MULTIFORCE G3             | 60.6       | 27,5  |
| 22-88D025G3K   | Remote Placement MULTIFORCE Bag Kit G3     | 75.44      | 32,22 |
| 22-88D025G3DK  | Remote Placement MULTIFORCE Bag Kit Din G3 | 75,44      | 32,22 |
| 22-88D025G3B   | Basic MULTIFORCE G3                        | 54,17      | 24,57 |
| 22-88D025G3BK  | Basic MULTIFORCE Bag Kit G3                | 69.01      | 31,30 |
| 22-88D025G3BDK | Basic MULTIFORCE Bag Kit Din G3            | 69.01      | 31,30 |
| 22-88D025G3C   | Compact MULTIFORCE G3                      | 51.60      | 23,41 |
| 22-88D025G3CK  | Compact MULTIFORCE Bag Kit G3              | 66.44      | 30,14 |
| 22-88D025G3CDK | Compact MULTIFORCE Bag Kit Din G3          | 66.44      | 30,14 |
| 22-890370G3K   | Saddlebag Control Kit                      | 14.84      | 6,73  |
| 22-890370G3DK  | Saddlebag Control Kit Din                  | 14.84      | 6,73  |
| 22-890370      | Saddlebag Only                             | 1.73       | 0,78  |



## Remote Placement MultiForce G3

The ultimate MULTIFORCE Bag. Comes with wheels for easy transport and telescoping pole for remote placement. There is nothing quicker or safer for lifting.

| Part No.      | Description                                | Net Weight |       |
|---------------|--------------------------------------------|------------|-------|
|               |                                            | lb         | kg    |
| 22-88D025G3   | Remote Placement MULTIFORCE G3             | 60.6       | 27,5  |
| 22-88D025G3K  | Remote Placement MULTIFORCE Bag Kit G3     | 75.44      | 32,22 |
| 22-88D025G3DK | Remote Placement MULTIFORCE Bag Kit Din G3 | 75,44      | 32.22 |



## Basic MultiForce G3

Comes with a full sized Placement Base with left and right handles, but without telescoping pole and wheels. Includes carrying strap with integrated air inlet protecting feature. Order this version if the safety of remote placement is not an option you need.

| Part No.       | Description                     | Net Weight |       |
|----------------|---------------------------------|------------|-------|
|                |                                 | lb         | kg    |
| 22-88D025G3B   | Basic MULTIFORCE G3             | 54,17      | 24.57 |
| 22-88D025G3BK  | Basic MULTIFORCE Bag Kit G3     | 69.01      | 31,30 |
| 22-88D025G3BDK | Basic MULTIFORCE Bag Kit Din G3 | 69.01      | 31,30 |



## Compact MultiForce G3

Comes with a reduced footprint for easier compartment storage on vehicles. Includes carrying strap with integrated air inlet protecting feature.

| Part No.       | Description                       | Net Weight |       |
|----------------|-----------------------------------|------------|-------|
|                |                                   | lb         | kg    |
| 22-88D025G3C   | Compact MULTIFORCE G3             | 51.60      | 23,41 |
| 22-88D025G3CK  | Compact MULTIFORCE Bag Kit G3     | 66.44      | 30,14 |
| 22-88D025G3CDK | Compact MULTIFORCE Bag Kit Din G3 | 66.44      | 30,14 |



## Saddlebag Control Kit

| Part No.     | Description           | Net Weight |      |
|--------------|-----------------------|------------|------|
| 22-890370G3K | Saddlebag Control Kit | 14.84      | 6,73 |

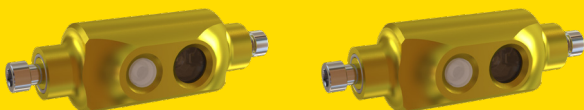
| Part No.  | Description                                | Quantity |
|-----------|--------------------------------------------|----------|
| 22-796720 | LongShore Strut 304 36-50 in / 91-127 cm   | 2        |
| 22-796730 | LongShore Strut 406 48-73 in / 122-185 cm  | 2        |
| 22-796360 | LongShore Strut 610 72-116 in / 183-295 cm | 2        |
| 22-796342 | LongShore Extension 24 in / 61 cm          | 3        |
| 22-796356 | LongShore Extension 48 in / 122 cm         | 3        |
| 22-796090 | V Base                                     | 4        |



## MultiForce Positioning Lights

Includes two 300-lumen lights (left and right handle replacements) that run on 2 AA batteries with a low-battery indicator and up to 2 hours of use. Made of aircraft-grade aluminum, they function as lifting handles, swivel to direct light, and are a direct retrofit—Light It Up!

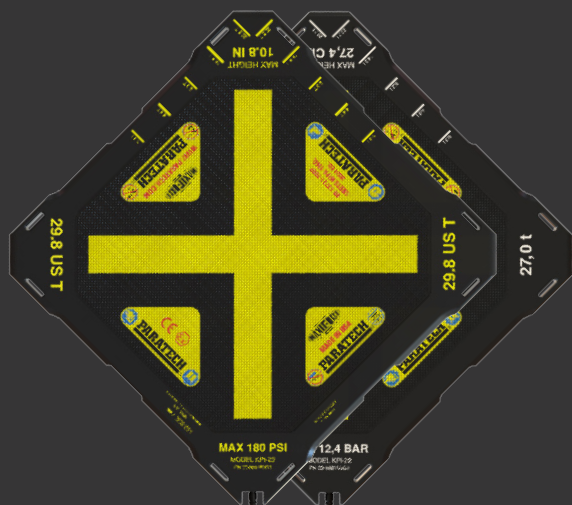
22-892150K MULTIFORCE Positioning Lights



# MaxiForce® Air Lifting Bags



AIR LIFTING BAGS



**MaxiForce® Has the Power to Lift or Shift Weights up to 106.7 tons**

The MAXIFORCE® AIR LIFTING BAG is a thin, strong, molded envelope available in 14 different sizes. It is made from 3 layers of Neoprene covered Aramid fiber reinforcement and has the power to lift, move or shift weights up to 106.7 tons (96,8 metric tons) per bag. Control equipment and components play a critical role in successful lifting bag use and unlike other lifting bag systems, Paratech manufactures all of its major control components. This assures the quality of the lifting bag system from inflation to deflation.\*



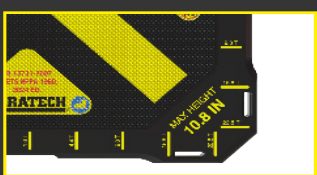
Easy and Accurate Positioning



Recessed Air Inlet for Added Durability



High Visibility Markings



NEW! Load Ruler



|                                  |                               |
|----------------------------------|-------------------------------|
| SIZES                            | 14                            |
| SQUARE SIZES                     | 9                             |
| RECTANGULAR SIZES                | 5                             |
| SIZES WITH WEBSLOT               | 10                            |
| SMALLEST LIFTING CAPACITY        | 1.6 TONS / 1,4 METRIC TON     |
| LARGEST LIFTING CAPACITY         | 106.7 TONS / 96,8 METRIC TONS |
| WORKING PRESSURE                 | 180 PSI / 12,4 BAR            |
| 3 LAYERS OF ARAMID REINFORCEMENT | ALL                           |
| INTERLOCKING SURFACE             | ALL                           |



## What to Look for When Selecting a Lift Bag System

- SAFETY:** MAXIFORCE® Air Lifting Bags are extremely tough, made of Neoprene, embedded with three (3) full layers of Aramid fiber reinforcement on each side, giving the bags tremendous strength at full inflation. Each Air Lifting Bag has been subjected to a stringent factory pressure test to assure maximum operator safety.
- CAPACITY:** Does the height/weight capacity match the task? Non-emergency applications may only require one or two sizes. Emergency Service providers need a variety of lifting capacities.
- SHAPE:** Match the shape of the bag to the contact area of the load to maximize your effectiveness. Use rectangular shaped bags against linear loads and when lifting on hills or inclines. Square bags are great for stacking on flat surfaces. Rescue crews should have both square and rectangular lifting bags.
- THICKNESS:** The thinner the Air Lifting Bag the better. The most notable feature of quality manufacturing is the ability to produce a thin, tough lifting bag. MAXIFORCE Air Lifting Bags range in thickness from 3/4 in (19 mm) to 1.1 in (28mm)
- MATERIAL:** Neoprene with Aramid reinforcement comprise most of the lift bag materials. These materials provide strength, durability, flexibility and chemical resistance. MAXIFORCE is the first Aramid reinforced high pressure Air Lifting Bag.
- SURFACE:** Small molded raised bumps provide an interlocking surface for stacking 2 lifting bags. Once again MAXIFORCE was the first with an interlocking surface.
- POSITIONING Webslots:** At least 2 on all Air Lifting Bags with a 14,6 ton rating or higher. A must for rescue work. Allows for vertical placement, safe retrieval and carrying.
- MARKINGS:** Technical data is molded into the Air Lifting Bag surface. Warnings are permanently labeled. The famous "X" marks the center of the load.
- AIR INLET:** Brass with maximum pull strength. The inlet is threaded to receive a brass inflation nipple. Why brass? No corrosion. Easy to repair.
- WORKS QUIETLY:** Completely silent in use. There are no engine sounds or loud mechanical noises when MAXIFORCE is used.



**PRESET PRESSURE REGULATOR**  
Same Precision  
Functionality, Now with:

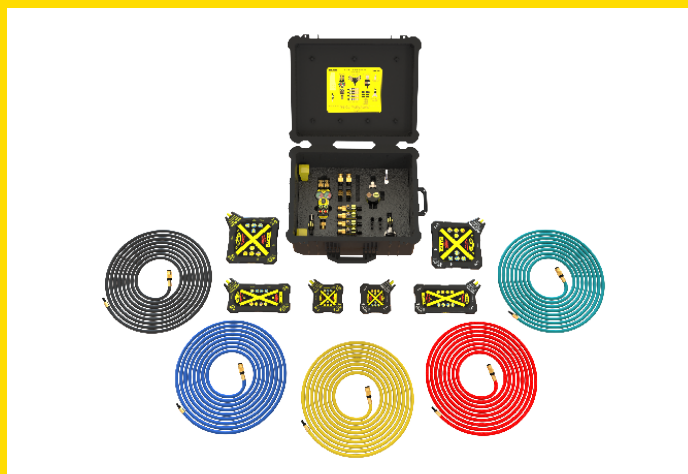
1. Increased durability
2. More compact size
3. Easier to use



**COMPACT DESIGN**  
Integrated gauge light  
Easy operation  
Safety couplings  
Fully enclosed gauges



**DUAL DEADMAN 180PSI/12,4BAR CONTROLLERS**  
This controller will 'go anywhere'. It is compact and extremely portable. Rescue personnel can crawl into collapse areas without hindrance. There are no protruding joysticks or cumbersome enclosures. The push-button design must be depressed for inflation or deflation. Color coded gauges make it easy to read. Relief valves and open couplings are built in the controller for maximum safety.



## Man & Machine Kit

Paratech's Man & Machine kit covers areas of production, maintenance and rescue. The Air Lifting Bags and control equipment (all contained in one convenient package) included in the kit are so versatile and easy to use that you will wonder what you did before you had them!

|               |                           |
|---------------|---------------------------|
| 22-8903MM-180 | Man and Machine Kit       |
| 22-8903MMD-12 | Man and Machine Kit, DIN  |
|               | Weight 63.2 lbs./ 28,7 kg |

### KIT CONTENTS:

- Full complement of control equipment, hoses & fittings
- 2 small rectangular bags 6 x 12 in/15,2cm x 30,5cm
- 2 larger square bags
- 10 x 10in/25,4cm x 25,4cm
- 2 small square bags
- 6 x 6in/15,2cm x 15,2cm
- Heavy duty rolling storage case
- 4 plastic felling wedges

### STANDARDS AND LISTINGS

- National Coal Board (UK)
- NATO Stock Listings
- National Defense Supply Listing (US)
- Department of Industrial Relations (AU)
- Board of Mine Safety (SA)
- Japan Standards Institute (JA)
- GSA Contract Item (US)
- EN 13731 Air Bags For Fire Brigades
- MEETS NFPA 1960, 2024 ED
- ATEX

# MaxiForce® Air Lifting Bags

KPI-1  
22-888110G3



KPI-3  
22-888120G3



KPI-5  
22-888130G3



KPI-8  
22-888135G3



KPI-10  
22-888138G3



KPI-12  
22-888140G3



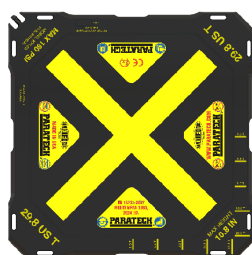
KPI-17  
22-888150G3



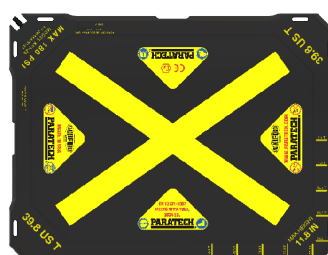
KPI-35L 22-888180G3



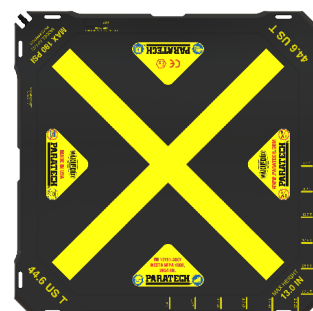
KPI-22 22-888160G3



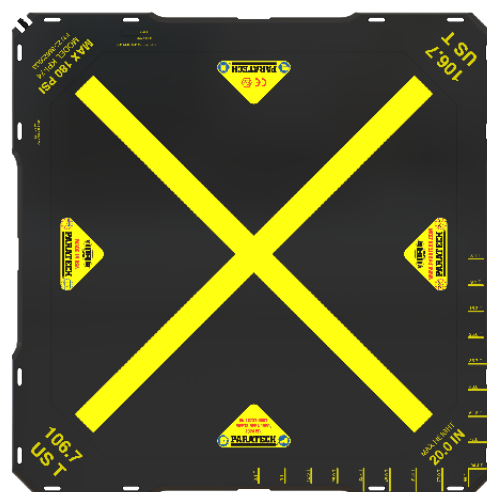
KPI-28 22-888165G3



KPI-32 22-888170G3



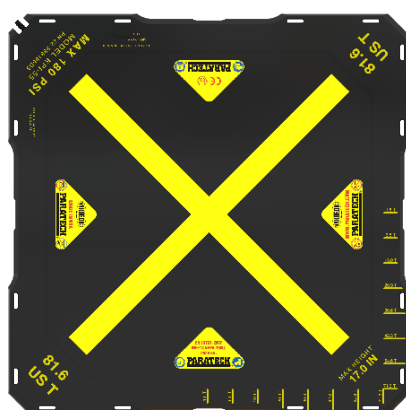
KPI-74 22-888200G3



KPI-44 22-888190G3



KPI-55 22-888195G3



| Part No.    | Model   | Dimensions<br>in       | Dimensions<br>mm         | Max Lifting Capacity<br>US Ton / Met Ton | Max Lifting Height<br>in / mm | Weight<br>lb / kg |
|-------------|---------|------------------------|--------------------------|------------------------------------------|-------------------------------|-------------------|
| 22-888110G3 | KPI-1   | 6 in x 6 in x 3/4 in   | 152 mm x 152 mm x 19 mm  | 1.6 / 1,4                                | 3.0 / 76                      | 1.2 / 0,6         |
| 22-888120G3 | KPI-3   | 6 in x 12 in x 3/4 in  | 152 mm x 305 mm x 19 mm  | 4.0 / 3,6                                | 3.5 / 89                      | 2.3 / 1,0         |
| 22-888130G3 | KPI-5   | 10 in x 10 in x 3/4 in | 254 mm x 254 mm x 19 mm  | 6.3 / 5,7                                | 5.4 / 137                     | 3.2 / 1,5         |
| 22-888135G3 | KPI-8   | 12 in x 12 in x 7/8 in | 305 mm x 305 mm x 22 mm  | 9.1 / 8,2                                | 6.4 / 163                     | 5.4 / 2,5         |
| 22-888138G3 | KPI-10  | 12 in x 18 in x 7/8 in | 305 mm x 457 mm x 22 mm  | 14.6 / 13,3                              | 7.1 / 180                     | 8.0 / 3,6         |
| 22-888140G3 | KPI-12  | 15 in x 15 in x 7/8 in | 381 mm x 381 mm x 22 mm  | 15.5 / 14,0                              | 8.1 / 206                     | 8.3 / 3,6         |
| 22-888150G3 | KPI-17  | 15 in x 21 in x 7/8 in | 381 mm x 533 mm x 22 mm  | 22.7 / 20,6                              | 9.0 / 226                     | 11.4 / 3,8        |
| 22-888160G3 | KPI-22  | 20 in x 20 in x 7/8 in | 508 mm x 508 mm x 22 mm  | 29.8 / 27,0                              | 10.8 / 274                    | 14.5 / 5,2        |
| 22-888165G3 | KPI-28  | 20 in x 26 in x 7/8 in | 508 mm x 660 mm x 22 mm  | 39.8 / 36,1                              | 11.8 / 299                    | 19.5 / 8,8        |
| 22-888170G3 | KPI-32  | 24 in x 24 in x 7/8 in | 610 mm x 610 mm x 22 mm  | 44.6 / 40,5                              | 13.0 / 330                    | 21.2 / 9,6        |
| 22-888180G3 | KPI-35L | 15 in x 42 in x 7/8 in | 381 mm x 1066 mm x 22 mm | 47.9 / 43,5                              | 9.5 / 241                     | 22.5 / 10,2       |
| 22-888190G3 | KPI-44  | 28 in x 28 in x 7/8 in | 711 mm x 711 mm x 22 mm  | 62.4 / 56,6                              | 15.3 / 388                    | 28.7 / 13,0       |
| 22-888195G3 | KPI-55  | 32 in x 32 in x 1.1 in | 812 mm x 812 mm x 28 mm  | 81.6 / 74,1                              | 17.0 / 432                    | 50.7 / 23,0       |
| 22-888200G3 | KPI-74  | 37 in x 37 in x 1.1 in | 939 mm x 939 mm x 28 mm  | 106.7 / 96,8                             | 20.0 / 508                    | 68.2 / 30,9       |

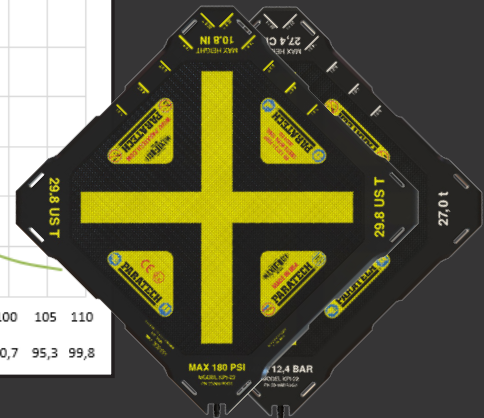
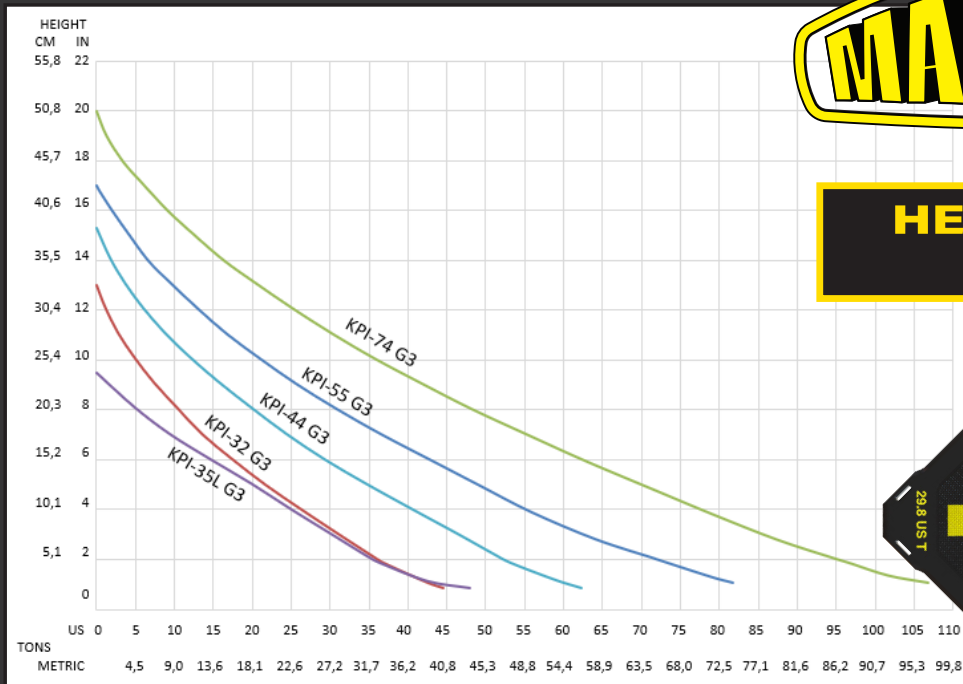
Lifting capacity and height will vary according to air pressure and bag contact area.



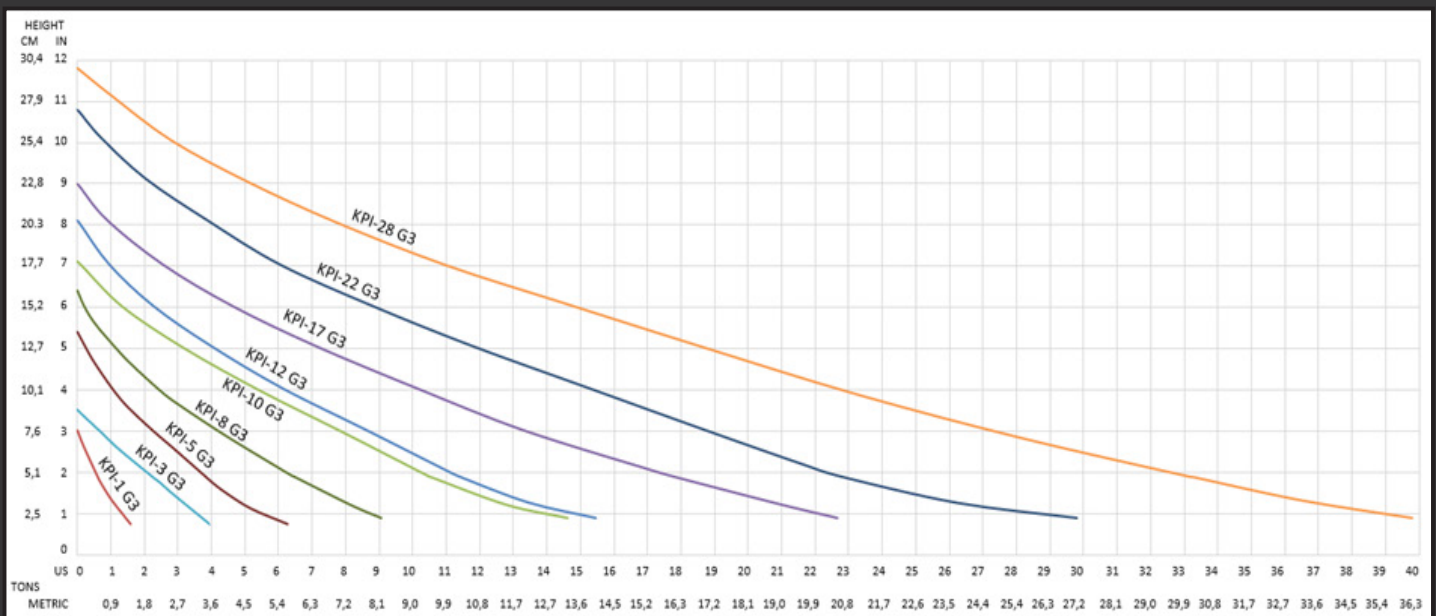
# MaxiForce® Air Lifting Bags



## HEIGHT VS. LOAD CAPACITY



**NFPA 1960 Compliant  
EN 13731**



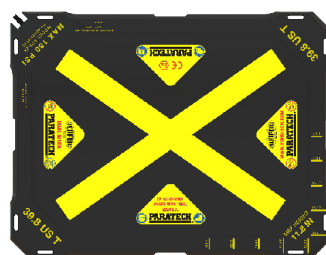
# MaxiForce® Air Lifting Bags

## Pumper Kit, Light Duty, 3 Bags

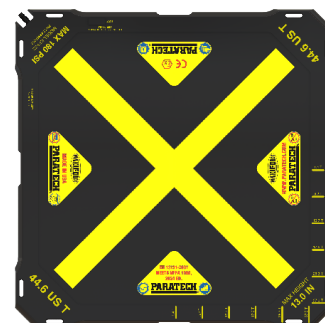
| Part No.        | Description                    | Net Weight |      |
|-----------------|--------------------------------|------------|------|
|                 |                                | lb         | kg   |
| 22-889610G3-180 | Pumper Kit, Light Duty, 3 Bags | 52.1       | 23.6 |



**KPI-17**  
**22-888150G3**  
**QTY: 1**



**KPI-28**  
**22-888165G3**  
**QTY: 1**



**KPI-32**  
**22-888170G3**  
**QTY: 1**

## Engine Kit, Light Duty, 5 Bags

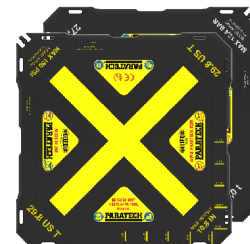
| Part No.        | Description                    | Net Weight |      |
|-----------------|--------------------------------|------------|------|
|                 |                                | lb         | kg   |
| 22-889620G3-180 | Engine Kit, Light Duty, 5 Bags | 54.1       | 24.5 |



**KPI-3**  
**22-888120G3**  
**QTY: 1**



**KPI-17**  
**22-888150G3**  
**QTY: 2**



**KPI-22**  
**22-888160G3**  
**QTY: 2**





## Tender Kit, Light Duty, Man and Machine, 7 Bags

| Part No. | Description | Net Weight |    |
|----------|-------------|------------|----|
|          |             | lb         | kg |

22-889650G3-180 Tender Kit, LightDuty, Man and Machine

147.5

66.9



**KPI-1**

**22-888110G3**

**QTY: 1**



**KPI-3**

**22-888120G3**

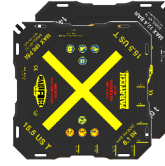
**QTY: 1**



**KPI-5**

**22-888130G3**

**QTY: 1**



**KPI-12**

**22-888140G3**

**QTY: 2**



**KPI-17**

**22-888150G3**

**QTY: 2**



## Squad Kit, Medium Duty, 13 Bags

| Part No. | Description | Net Weight |    |
|----------|-------------|------------|----|
|          |             | lb         | kg |

22-889660G3-180 Squad Kit, Medium Duty, 13 Bags

197.3.6

89.5



**KPI-1**

**22-888110G3**

**QTY: 1**



**KPI-3**

**22-888120G3**

**QTY: 1**



**KPI-5**

**22-888130G3**

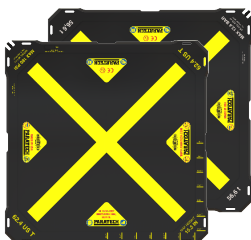
**QTY: 1**



**KPI-17**

**22-888150G3**

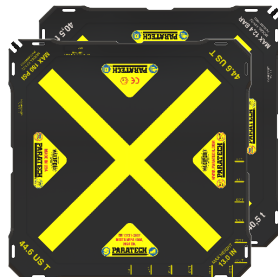
**QTY: 2**



**KPI-22**

**22-888160G3**

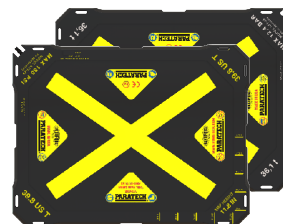
**QTY: 2**



**KPI-44**

**22-888190G2**

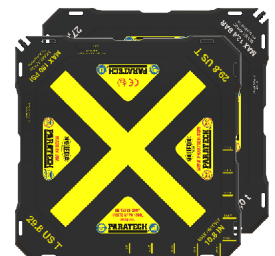
**QTY: 2**



**KPI-28**

**22-888165G3**

**QTY: 2**



**KPI-32**

**22-888170G3**

**QTY: 2**

# MaxiForce® Air Lifting Bags

## Ladder Kit, Medium Duty, Man and Machine, 6 Bags

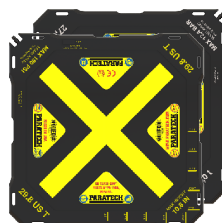
| Part No.        | Description             | Net Weight |      |
|-----------------|-------------------------|------------|------|
|                 |                         | lb         | kg   |
| 22-889630G3-180 | Ladder Kit, Medium Duty | 71.5       | 32.4 |



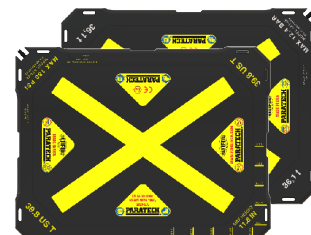
**KPI-1**  
**22-888110G3**  
**QTY: 1**



**KPI-3**  
**22-888120G3**  
**QTY: 1**



**KPI-22**  
**22-888160G3**  
**QTY: 2**



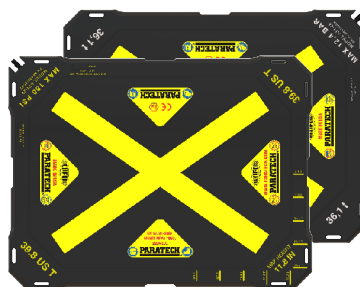
**KPI-28**  
**22-888165G3**  
**QTY: 2**

## Truck Kit, Heavy Duty, 5 Bags

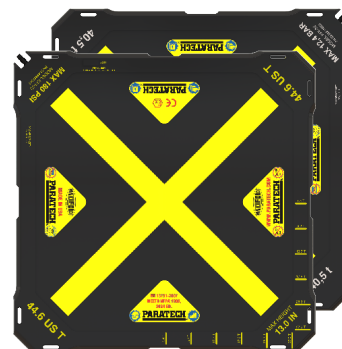
| Part No.        | Description           | Net Weight |      |
|-----------------|-----------------------|------------|------|
|                 |                       | lb         | kg   |
| 22-889640G3-180 | Truck Kit, Heavy Duty | 87.7       | 38.0 |



**KPI-3**  
**22-888120G3**  
**QTY: 1**



**KPI-28**  
**22-888165G3**  
**QTY: 2**



**KPI-32**  
**22-888170G3**  
**QTY: 2**





# MaxiForce® Air Lifting Bags

## Light US&R, Heavy Duty, 15 Bags

| Part No.        | Description            | Net Weight |       |
|-----------------|------------------------|------------|-------|
|                 |                        | lb         | kg    |
| 22-889670G3-180 | Light US&R, Heavy Duty | 307.0      | 139.0 |



**MASTER CONTROL  
KIT CASES**  
22-890322-180  
QTY: 1

**DUAL DEADMAN  
BAG CONTROLLER G3**  
22-890900G3-180  
QTY: 1



**PRESET AIR LIFTING  
BAG REGULATOR**  
22-895401G3-180  
QTY: 1



**INLINE RELIEF VALVE**  
22-890490-180  
QTY: 4



**PARATECH NIPPLE  
AND LOCKING  
TIRE CHUCK**  
22-890731-180  
QTY: 1



**"Y" with 2 COUPLINGS  
and 1 NIPPLE**  
22-890736-180  
QTY: 3



**SHUTOFF ADAPTER  
NIPPLE WITH  
INDUSTRIAL NIPPLE  
WITH VALVE**  
22-890732-180  
QTY: 1



**SHUTOFF ADAPTER  
NIPPLE WITH  
TWIST LOCK**  
22-890749-180  
QTY: 1



**AIR HOSE BLACK**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890513-180  
QTY: 1



**AIR HOSE BLUE**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890514-180  
QTY: 1



**AIR HOSE YELLOW**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890515-180  
QTY: 1



**AIR HOSE RED**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890516-180  
QTY: 1



**AIR HOSE GREEN**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890517-180  
QTY: 1



**PARATECH NIPPLE**  
1/4 IN / 0,6 CM (NPT F)  
22-890682-180  
QTY: 2



**PARATECH NIPPLE  
FOR ALB 7/16-24 LH THD**  
22-890686L-180  
QTY: 1



**PARATECH NIPPLE  
FOR ALB 7/16-24 RH THD**  
22-890686-180  
QTY: 3



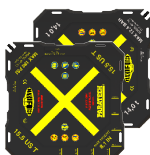
**KPI-1**  
22-888110G3  
QTY: 1



**KPI-3**  
22-888120G3  
QTY: 1



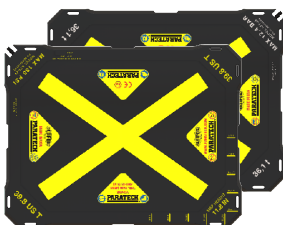
**KPI-5**  
22-888130G3  
QTY: 1



**KP-12**  
22-888140G3  
QTY: 2



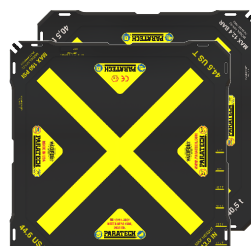
**KPI-17**  
22-888150G3  
QTY: 2



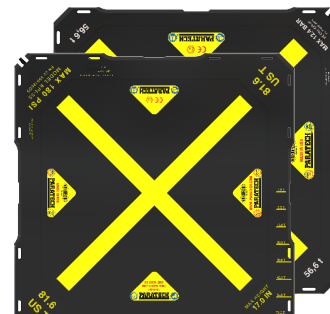
**KPI-28**  
22-888165G3  
QTY: 2



**KPI-35L**  
22-8881800G3  
QTY: 2



**KPI-44**  
22-888190G2  
QTY: 2



**KPI-55**  
22-888195G3  
QTY: 2

# MaxiForce® Air Lifting Bags

## USAR US&R, Heavy Duty, 24 Bags

| Part No. | Description | Net Weight |    |
|----------|-------------|------------|----|
|          |             | lb         | kg |

|                 |                       |       |       |
|-----------------|-----------------------|-------|-------|
| 22-889680G3-180 | USAR US&R, Heavy Duty | 613.0 | 278.0 |
|-----------------|-----------------------|-------|-------|



**MASTER CONTROL  
KIT CASE**  
22-890322-180  
QTY: 2

**DUAL DEADMAN  
BAG CONTROLLER G3**  
22-890900G3-180  
QTY: 2



**PRESET AIR LIFTING  
BAG REGULATOR**  
22-895401G3-180  
QTY: 1



**INLINE RELIEF VALVE**  
22-890490-180  
QTY: 8



**PARATECH NIPPLE AND  
LOCKING TIRE CHUCK**  
22-890731-180  
QTY: 2



**"Y" with 2 COUPLINGS  
and 1 NIPPLE**  
22-890736-180  
QTY: 6



**SHUTOFF ADAPTER  
NIPPLE WITH  
INDUSTRIAL NIPPLE  
WITH VALVE**  
22-890732-180  
QTY: 2



**SHUTOFF ADAPTER  
NIPPLE WITH  
TWIST LOCK**  
22-890749-180  
QTY: 2



**AIR HOSE BLACK**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890513-180  
QTY: 2



**AIR HOSE BLUE**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890514-180  
QTY: 2



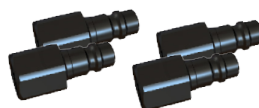
**AIR HOSE YELLOW**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890515-180  
QTY: 2



**AIR HOSE RED**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890516-180  
QTY: 2



**AIR HOSE GREEN**  
3/8 in / 9,5 mm dia  
x 16 ft / 5m  
22-890517-180  
QTY: 2



**PARATECH NIPPLE**  
1/4 IN / 0,6 CM (NPT F)  
22-890682-180  
QTY: 4



**PARATECH NIPPLE  
FOR ALB 7/16-24 LH THD**  
22-890686L-180  
QTY: 2



**PARATECH NIPPLE  
FOR ALB 7/16-24 RH THD**  
22-890686-180  
QTY: 6



**KPI-1**  
22-888110G3  
QTY: 2



**KPI-3**  
22-888120G3  
QTY: 2



**KPI-5**  
22-888130G3  
QTY: 2



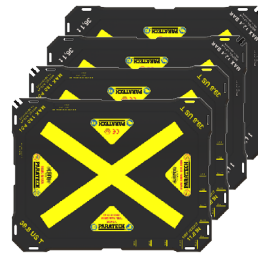
**KPI-12**  
22-888140G3  
QTY: 2



**KPI-17**  
22-888150G3  
QTY: 2



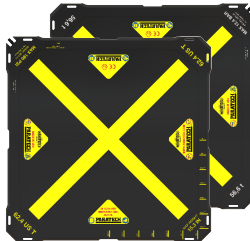
**KPI-22**  
22-888160G3  
QTY: 2



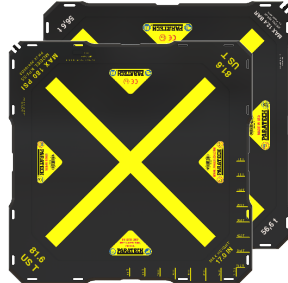
**KPI-28**  
22-888165G3  
QTY: 4



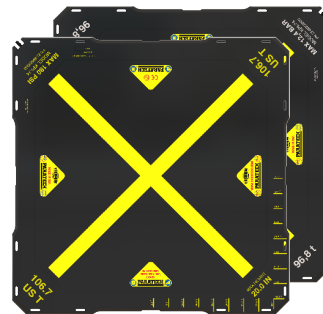
**KPI-35L**  
22-8881800G3  
QTY: 2



**KPI-44**  
22-888190G2  
QTY: 2



**KPI-55**  
22-888195G3  
QTY: 2



**KPI-74**  
22-888200G3  
QTY: 2



## Master Control Kit

| Part No.        | Description | Net Weight |      |
|-----------------|-------------|------------|------|
|                 |             | lb         | kg   |
| 22-890300G3-180 | US          | 44.0       | —    |
| 22-890300G3D-12 | Metric      | —          | 19,9 |

| Part No.        | Description                                                                           | Quantity |
|-----------------|---------------------------------------------------------------------------------------|----------|
| 22-890900G3-180 | Dual Deadman Bag Controller G3                                                        | 1        |
| 22-895401G3-180 | Preset Air Lifting Bag Regulator 215 PSI CGS (14.8 bar) 5,500-0 psi / 379.2-0 bar CGA | 1        |
| 22-890490-180   | Inline Relief Valve                                                                   | 4        |
| 22-890682-180   | Paratech Nipple 1/4 in / 0,6 cm NPT F                                                 | 2        |
| 22-890686-180   | Paratech Nipple for ALB 7/16-24RH THD                                                 | 3        |
| 22-890731-180   | Paratech Nipple and Locking Tire Chuck                                                | 1        |
| 22-890686L-180  | Paratech Nipple for ALB 7/16-24 LH THD                                                | 1        |
| 22-890736-180   | "Y" with 2 Couplings and 1 Nipple                                                     | 3        |
| 22-890749-180   | Shutoff Adapter Nipple with Twist Lock                                                | 1        |
| 22-890513-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK                                     | 1        |
| 22-890514-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLUE                                      | 1        |
| 22-890515-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW                                    | 1        |
| 22-890516-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED                                       | 1        |
| 22-890517-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m GREEN                                     | 1        |
| 22-890322-180   | Master Control Kit Case                                                               | 1        |
| 22-890732-180   | Shutoff Adapter Nipple with Industrial Nipple with Valve                              | 2        |



**MASTER CONTROL KIT CASE**  
22-890322-180  
QTY: 1

**DUAL DEADMAN BAG CONTROLLER G3**  
22-890900G3-180  
QTY: 1



**PRESET AIR LIFTING BAG REGULATOR**  
22-895401G3-180  
QTY: 1



**INLINE RELIEF VALVE**  
22-890490-180  
QTY: 4



**PARATECH NIPPLE AND LOCKING TIRE CHUCK**  
22-890731-180  
QTY: 1



**"Y" with 2 COUPLINGS and 1 NIPPLE**  
22-890736-180  
QTY: 3



**SHUTOFF ADAPTER NIPPLE WITH INDUSTRIAL NIPPLE WITH VALVE**  
22-890732-180  
QTY: 1



**SHUTOFF ADAPTER NIPPLE WITH TWIST LOCK**  
22-890749-180  
QTY: 1



**AIR HOSE BLACK**  
3/8 in / 9,5 mm dia  
x 16 ft / 5 m  
22-890513-180  
QTY: 1



**AIR HOSE BLUE**  
3/8 in / 9,5 mm dia  
x 16 ft / 5 m  
22-890514-180  
QTY: 1



**AIR HOSE YELLOW**  
3/8 in / 9,5 mm dia  
x 16 ft / 5 m  
22-890515-180  
QTY: 1



**AIR HOSE RED**  
3/8 in / 9,5 mm dia  
x 16 ft / 5 m  
22-890516-180  
QTY: 1



**AIR HOSE GREEN**  
3/8 in / 9,5 mm dia  
x 16 ft / 5 m  
22-890517-180  
QTY: 1



**PARATECH NIPPLE**  
1/4 IN / 0,6 CM (NPT F)  
22-890682-180  
QTY: 2



**PARATECH NIPPLE FOR ALB 7/16-24 LH THD**  
22-890686L-180  
QTY: 1



**PARATECH NIPPLE FOR ALB 7/16-24 RH THD**  
22-890686-180  
QTY: 3

# MaxiForce® Air Lifting Bags

## Basic Control Kit

| Part No.        | Description | Net Weight |     |
|-----------------|-------------|------------|-----|
|                 |             | lb         | kg  |
| 22-890351G3-180 | US          | 21.0       | —   |
| 22-890351G3D-12 | Metric      | —          | 9,5 |

| Part No.        | Description                                                            | Quantity |
|-----------------|------------------------------------------------------------------------|----------|
| 22-890900G3-180 | Dual Deadman Bag Controller G3                                         | 1        |
|                 | Preset Air Lifting Bag Regulator                                       |          |
| 22-895401G3-180 | 215 PSI CGS (14,8 bar) 5,500 – 0 psi / 379.2 – 0 bar CGA 347/346 Inlet | 1        |
| 22-890513-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK                      | 1        |
| 22-890515-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW                     | 1        |
| 22-890516-180   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED                        | 1        |



**1 - DUAL DEADMAN BAG CONTROLLER G3**  
**22-890900G3-180**



**1 - PRESET AIR LIFTING BAG REGULATOR**  
**22-895401G3-180**



**1 - AIR HOSE**  
**3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Black**  
**22-890513-180**



**1 - AIR HOSE**  
**3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Yellow**  
**22-890515-180**



**1 - AIR HOSE**  
**3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Red**  
**22-890516-180**

## Vehicle Maintenance Kit

| Part No.        | Description             | Net Weight |      |
|-----------------|-------------------------|------------|------|
|                 |                         | lb         | kg   |
| 22-889600G3-180 | Vehicle maintenance Kit | 30.0       | 13,6 |

| Part No.    | Model  | Dimensions<br>in | Dimension<br>mm | Max Lifting Capacity |            | Max Lifting Height |     | Quantity | Weight |      |
|-------------|--------|------------------|-----------------|----------------------|------------|--------------------|-----|----------|--------|------|
|             |        |                  |                 | US Ton               | Metric Ton | in                 | mm  |          | lb     | kg   |
| 22-888190G3 | KPI-44 | 28 x 28 x 7/8    | 711 x 711 x 22  | 52.7                 | 47,8       | 15.3               | 388 | 2        | 28.7   | 13,0 |

| Part No.        | Description                    | Quantity |
|-----------------|--------------------------------|----------|
| 22-890490-180   | Inline Relief Valve            | 2        |
| 22-890900G3-180 | Dual Deadman Bag Controller G3 | 1        |

| Part No.      | Description                                        | Quantity |
|---------------|----------------------------------------------------|----------|
| 22-890513-180 | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK  | 1        |
| 22-890515-180 | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW | 1        |
| 22-890516-180 | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED    | 1        |



**1 - DUAL DEADMAN BAG CONTROLLER G3**  
**22-890900G3-180**



**2 - INLINE RELIEF VALVE**  
**22-890490-180**



**1 - AIR HOSE**  
**3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Black**  
**22-890513-180**



**1 - AIR HOSE**  
**3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Yellow**  
**22-890515-180**



**1 - AIR HOSE 3/8 in / 9,5 mm dia.**  
**x 16 ft / 5 m Red**  
**22-890516-180**



**KPI-44**  
**22-888190G3**  
**QTY: 2**



## Paratech 24 Pneumatic Component & Adapter Kit

| Part No.      | Description           | Net Weight<br>lb | kg  |
|---------------|-----------------------|------------------|-----|
| 22-890729-180 | Paratech 24 & Adapter | 15.0             | 6,8 |

| Part No.       | Description                                                 | Quantity |
|----------------|-------------------------------------------------------------|----------|
| 22-890732-180  | Paratech Nipple & Industrial Nipple with Valve              | 1        |
| 22-890734-180  | Paratech Nipple & Glad Hand                                 | 1        |
| 22-890749-180  | Paratech Nipple & Industrial Twist Lock with Valve          | 1        |
| 22-890731-180  | Paratech Nipple & Locking Tire Chuck                        | 1        |
| 22-890735-180  | "Y" with 2 Paratech Couplings & 1/4 in NPT F                | 1        |
| 22-890736-180  | "Y" with 2 Paratech Couplings & MaxiForce® Nipple           | 1        |
| 22-890740-180  | "Y" with 3 Paratech Couplings                               | 1        |
| 22-890730-180  | Paratech Double Male Nipple                                 | 1        |
| 22-890737-180  | Paratech Nipple and Tire Valve Inflator                     | 1        |
| 22-890700V-180 | Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule | 1        |
| 22-890691-180  | Paratech Nipple with 3/8 in / 1 cm & Hose Stem with Ferrule | 1        |
| 22-890624-180  | Paratech Coupling with 1/4 in NPSM with "O" Ring            | 1        |
| 22-890721AV    | Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem    | 1        |
| 22-890624      | Paratech Nipple for ALB 7/16-24 LH THD                      | 1        |
| 22-890686-180  | Paratech Nipple for ALB 7/16-24 RH THD                      | 1        |
| 22-890710V-180 | Paratech Coupling with 1/2 in NPT M                         | 1        |
| 22-890711V-180 | Paratech Coupling with 1/4 in NPT F                         | 1        |
| 22-890682-180  | Paratech Nipple with 1/4 in NPT F                           | 1        |
| 22-890720V-180 | Paratech Coupling with 1/2 in NPT F                         | 1        |
| 22-890685-180  | Paratech Nipple with 1/2 in NPT F                           | 1        |
| 22-890684-180  | Paratech Nipple with 1/2 in NPT M                           | 1        |
| 22-890681-180  | Paratech Nipple with 1/4 in NPT M                           | 1        |
| 22-890738-180  | Paratech Nipple & 12 in / 30.5 cm Hose with Clamp           | 1        |
| 22-000905      | Storage Case                                                | 1        |

## MaxiForce® Air Lifting Bag Safety Icons



**Maximum Operating Pressure**



**Maximum Operating Pressure**



**Do Not Lift Sharp Objects**



**Stack Two Lift Bags Max**



**Read Instructions**



**Wear Safety Gloves**



**Wear Head And Eye Protection**



**Wear Safety Footwear**



**Paratech Nipple and Industrial Nipple with Valve**



**Paratech Nipple and Glad Hand**



**Paratech Nipple and Industrial Twist Lock with Valve**



**Paratech Nipple and Locking Tire Chuck**



**'Y' with 2 Paratech Couplings and 1/4 in NPT F**



**'Y' with 2 Paratech Couplings and MaxiForce® Nipple**



**'Y' with 3 Paratech Couplings**



**Paratech Double Male Nipple**



**Paratech Nipple and Tire Valve Inflator**



**Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule**



**Paratech Nipple with 3/8 / 1 cm Hose Stem with Ferrule**



**Paratech Coupling with 1/4 in NPSM with "O" Ring**



**Paratech Nipple with 3/8 in / 1 cm Hose Stem with Ferrule**



**Paratech Nipple for ALB 7/16-24 LH THD**



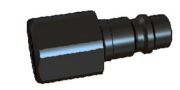
**Paratech Nipple for ALB 7/16-24 RH THD**



**Paratech Nipple with 1/2 in NPT M**



**Paratech Coupling with 1/4 in NPT F**



**Paratech Nipple with 1/4 in NPT F**



**Paratech Coupling with 1/2 in NPT-F**



**Paratech Nipple with 1/2 in NPT F**



**Paratech Nipple with 1/2 in NPT M**



**Paratech Nipple with 1/4 in NPT M**



**Paratech Nipple and 12 in / 30.5 cm hose with clamp**



**Storage Case**



**Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem PN 22-890624**

# MaxiForce® Air Lifting Bags

## MaxiForce Accessories



**DUAL DEADMAN BAG  
CONTROLLER G3**  
Net Weight: 3.7lb; 1,7kg  
Part No. 22-890900G3-180



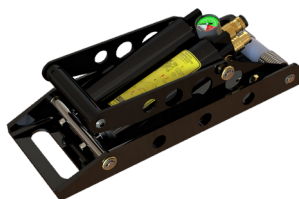
**INLINE RELIEF VALVE FOR G3 200 psi / 13,8 bar** Designed to relieve over-pressurization and allow a lift bag to remain inflated under a load. This valve will relieve excess pressure from an inflated bag caused by load shifts or temperature changes.  
Net Weight: 1.0lb; 0,4kg  
Part No. 22-890490-180



**PRESET AIR LIFTING  
BAG REGULATOR**  
215 PSI CGA (14,8 BAR)  
Piston Type 5,500-0 psi /  
379,2-0 bar CGA 347/346 inlet  
Net Weight: 3.6lb; 1,6kg  
Part No. 22-895401G3-180



**PRESSURE REGULATOR**  
215 PSI DIN (14,8 BAR)  
Piston Type Euro 5,500-  
0 psi / 379.2-0 bar DIN  
Net Weight: 3.8lb; 1,7kg  
Part No. 22-895401DG3-12



**MANUAL AIR COMPRESSOR**  
2 STAGE - FOOT/HAND  
Net Weight: 14.7lb; 6,7kg  
Part No. 22-800400-180



**AIR CONTROL CASE**  
Net Weight: 30.9lb 14kg  
Optimal air distribution hub to  
multiple rescue sites, securing  
reliable constant airflow.  
Part No. 22-895750-180  
Part No. 22-895750D-12 (DIN)



**MASTER CONTROL CASE ONLY**  
Part No. 22-890322-180



**Ferrule for  
Paratech Nipple  
with 3/8 in / 1 cm  
hose stem**  
22-890624



**Nipple with 1/4  
in NPT M fits  
MaxiForce® and  
Vetter**  
22-890667



**Locking Nipple  
with 1/8 in  
NPT M fits  
MaxiForce® G3  
and Vetter**  
22-890668



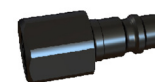
**Paratech Lock  
Nipple with 3/8 in /  
1cm hose thread**  
22-890672



**Paratech Nipple  
for ALB 7/16-24  
LH THD**  
22-890686L-180



**Paratech Nipple  
for ALB 7/16-24  
RH THD**  
22-890686-180



**Paratech Nipple  
with 1/4 in NPT F**  
22-890682-180



**Paratech Nipple  
with 1/2 in NPT M**  
22-22-890684-180



**Paratech Nipple  
with 1/2 in NPT F**  
22-890685-180



**Locking Nipple  
with 3/8 in / 1 cm  
hose stem fits  
MaxiForce® G3  
and Vetter**  
22-890691-180



**Locking Nipple  
with Nipple  
7/16-24 LH  
MaxiForce® G3  
and Vetter**  
22-890652L-180



**Paratech/Vetter  
Nipple 7/16-24 RH**  
22-890652-180



**Paratech  
Coupling with  
3/8 in / 0.4 cm  
hose stem  
w/Ferrule -  
consists of  
22-890700AV-180  
& 22-890624**  
22-890700V-180



**Paratech  
Coupling with  
3/8 in / 1cm  
hose stem**  
22-890700AV-180



# MaxiForce® Air Lifting Bags



**Paratech Coupling with 1/2 in NPT M**  
22-890710V-180



**Paratech Coupling with 1/4 in NPT F**  
22-890711V-180



**Paratech Coupling with 1/2 in NPT F**  
22-890720V-180



**Paratech Coupling with 1/4 in NPSM with 'O' Ring**  
22-890721AV-180



**Paratech Coupling with 1/4 in NPSM open**  
22-890703V-180



**Paratech Double Male Nipple**  
22-890730-180



**Paratech Nipple with 1/4 in NPT F**  
22-890682-180



**Paratech Nipple and Glad Hand**  
22-890734-180



**'Y' with 2 Paratech Couplings and 1/4 in NPT F**  
22-890735-180



**'Y' with 2 Paratech Couplings and MaxiForce® Nipple**  
22-890736-180



**'Y' with 3 Paratech Couplings**  
22-890740-180



**Paratech Nipple and Tire Valve Inflator**  
22-890737-180



**Paratech Nipple and Locking Tire Chuck**  
22-890731-180



**Paratech Nipple and 12 in / 30.5 cm hose with clamp**  
22-890738-180



**Paratech Nipple and Industrial Twist Lock with Valve**  
22-890749-180



**Industrial Coupling 1/4 in NPT F**  
22-890751



**Industrial Coupling 1/4 in NPT M**  
22-890752



**Industrial Nipple 1/8 in NPT M**  
22-890760



**Industrial Nipple 1/4 in NPT M**  
22-890761



**Industrial Nipple 3/8 in NPT M**  
22-890762



**Industrial Nipple 1/4 in NPTF**  
22-890763



**Paratech Coupling with 1/4 in NPT M open**  
22-890704V-180



**Paratech Coupling with 1/4 in NPT M**  
22-890712V-180



**Paratech Coupling with 3/8 in NPT M**  
22-890714V-180



**Paratech Coupling with 3/8 in NPT F**  
22-890716V-180



**Paratech Nipple with 1/4 NPT M**  
22-890681-180



**Nipple (Strut Inlet) 1/8 in NPSM**  
22-796065



**180 Nipple (Strut Inlet) 1/8 in NPSM**  
22-796065-180



**Hose Splice 3/8 in / 9.5 mm dia. x 3/8 in / 9.5 mm dia.**  
22-890673



**Hose Stem 1/4 in NPT M with 3/8 in / 9.5 mm dia.**  
22-890674



**Hose Barb 1/4 in NPT F with 3/8 in / 9.5 mm dia.**  
22-890675



**Paratech Nipple with 3/8 in NPT F**  
22-890777-180



**Dual Tank Connector with Check Valves - CGA 346/347**  
Net Weight: 1.5lb / 0.68kg  
22-800130



**Dual Tank Connector with Check Valves - DIN Net**  
Weight: 1.5lb / 0.68kg  
22-800135

# MaxiForce® Air Lifting Bags

## MaxiForce Accessories

### NIPPLE FOR ALB

Part No.

7/16-24 RH 22-890686-180

7/16-24 LH 22-890686L-180



### NIPPLE PROTECTOR

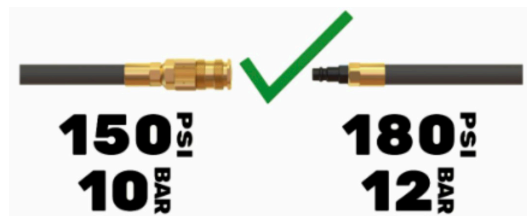
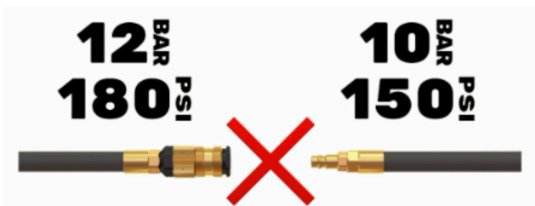
Part No. 22-890709T



### SWIVEL FITTING

Part Number: 22-890784-180

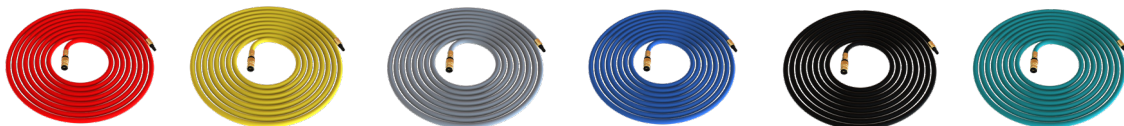
Weight: .46 lbs (208,6 g)



## Air Hoses

A full 3/8 in / 9,5 mm inside diameter in a wide range of colors and lengths. Couplings and nipples are field replaceable using simple hand tools. Working pressure of 300 psi / 20,7 bar assures reliability. Hose stays flexible over the full operating temperature range of the lift bag. Closed couplings prevent air escape at disconnect (no blowing debris).

### 3/8 IN / 9,5 mm diameter



| Length                      | RED           | YELLOW        | GRAY          | BLUE          | BLACK         | GREEN         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 16ft / 5m (2.5 lb / 1,1kg)  | 22-890516-180 | 22-890515-180 | 22-890518-180 | 22-890514-180 | 22-890513-180 | 22-890517-180 |
| 32ft / 10m (4.5 lb / 2,0kg) | 22-890521-180 | 22-890520-180 | 22-890525-180 | 22-890523-180 | 22-890522-180 | 22-890524-180 |
| 50ft / 15m (7.0 lb / 3,2kg) | 22-890541-180 | 22-890542-180 | 22-890545-180 | 22-890543-180 | 22-890546-180 | 22-890544-180 |

Air Hoses for MaxiForceG3 180 PSI / 12,4 Bar\*



# MaxiForce® Air Lifting Bags



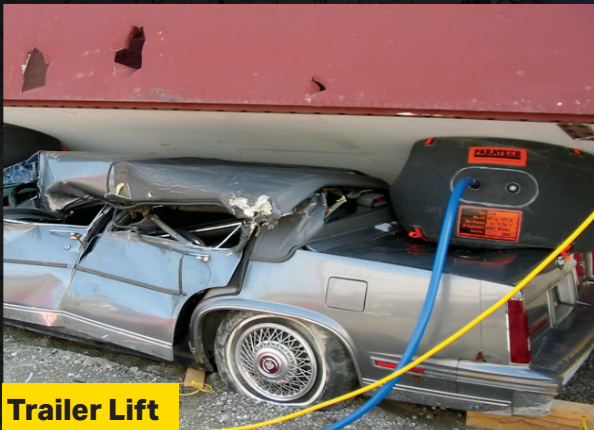


# Rescue Air Cushions

## ***Ideal Tool for High Lift Requirements of Non-Reinforced Broad Surfaces Found on Trucks, Vans & Light Aircraft.***

Rescue Air Cushions are an ideal tool for high lift requirements of non-reinforced broad surfaces found on trucks, vans and light aircraft. Cushions are also used by Trench Collapse Rescue Teams to fill voids and regain support for Rescue Struts, wall braces and shoring. With a maximum lift height up to 40 inches (102 cm), Rescue Air Cushions are available in 4 sizes.

Paratech's Rescue Air Cushions are ready for a wide range of applications and are extremely versatile.



**Trailer Lift**



**Vehicle Lift**



**Rescue Air Cushions are available in 4 sizes for maximum versatility and a wide range of applications.**

**Typical applications include:**

- Major vehicle accidents (cars, trucks, buses)
- Light aircraft recovery
- Filling voids created in trench collapse
- Small vehicle turnovers
- Downed or trapped animals
- Flotation device
- Industrial lifting applications

A soft footprint allows placement on soft and uneven terrain, with a contact area exceeding lifting height.

Constructed with a highly durable contact area, Rescue Air Cushions have neoprene coated exterior and interior reinforcement belts.

## Safety And Operational Features:

- Pressure relief valves on cushions and control valve
- Interior reinforcing maintains flat lift surfaces for direction of lift force
- Quick connect couplings with locking ring
- Positioning handles
- Each cushion is factory tested at 1.3 times operating pressure
- Contact area diameter exceeds lifting height
- Operating pressure of 0-14.5 psi / 1,0 bar aramid reinforced

## Advantages:

- Lifting heights from 17 in to 40 in / 43 cm to 102 cm
- Greater stability due to the size of the contact area
- Lighter loads have predictable lift results
- Full lift capacity over full lifting height
- Soft footprint allows placement on soft and uneven terrain
- User repairable for limited damage or punctures
- Four sizes to choose from

## Ease of Operation:

Air Cushion inflation can be made from a variety of compressed air sources:

- Industrial compressed air
- Compressed air storage cylinders
- Air brake systems
- Portable blowers

Portable, hand held controller includes adjustable valves, gauges and pressure reliefs



**Bus Lift**



**Trailer Lift**



**Chinook Helicopter Lift**

# Rescue Air Cushions

## Rescue Air Cushions

D/K

A/K

B/K

C/K



| Part No.   | Description                   | Diameter<br>in / cm | Height Deflated<br>in / cm | Height Inflated<br>in / cm | Lift at Max Pressure<br>lb / kg | Air Requirement<br>cu ft / ltr | Weight<br>lb / kg |
|------------|-------------------------------|---------------------|----------------------------|----------------------------|---------------------------------|--------------------------------|-------------------|
| 22-887005K | A/K Cushion 3.3 Ton (3,0 t)   | 24 / 61             | 2 / 5                      | 17 / 43                    | 6,560 / 2,976                   | 10.4 / 295                     | 35 / 15           |
| 22-887010K | B/K Cushion 5.1 Ton (4,7 t)   | 30 / 76             | 2 / 5                      | 23 / 59                    | 10,250 / 4,650                  | 22.0 / 620                     | 38 / 17           |
| 22-887015K | C/K Cushion 7.4 Ton (6,7 t)   | 36 / 91             | 2 / 5                      | 24 / 61                    | 14,761 / 6,697                  | 31.6 / 895                     | 50 / 22           |
| 22-887020K | D/K Cushion 13.7 Ton (11,9 t) | 48 / 122            | 4 / 10                     | 39.4 / 100                 | 26,248 / 11,906                 | 106.0 / 3,002                  | 56 / 25           |

## Rescue Air Cushions Kits

### Each Rescue Air Cushion Kit consists of:

Two Rescue Air Cushions with pressure reliefs  
A dual safety controller with quick connect couplings  
One length of 3/8 in / 9,5 mm diameter high pressure  
Hose with quick connect couplings 16 ft / 5 m

Two lengths of 1 in / 2,5 cm diameter low pressure  
Hose with quick connect couplings, 20 ft / 6 m  
Storage and carrying case Repair kit

## 6 Ton / 5.4 Metric Ton Lift Kit

| Part No.     | Description      | Net Weight |      |
|--------------|------------------|------------|------|
|              |                  | lb         | kg   |
| 22-887100KG2 | AK/6 Ton (5,4 t) | 103.0      | 47,0 |

| Part No.    | Description                                         | Quantity |
|-------------|-----------------------------------------------------|----------|
| 22-887005K  | A/K Cushion 3.3 Ton (3,0 t)                         | 2        |
| 22-887006   | A/K Cushion Carrying Case                           | 1        |
| 22-887305G3 | Dual Deadman Cushion Controller G3 14.5 psi / 1 bar | 1        |
| 22-887400   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED        | 1        |
| 22-887401   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE       | 1        |
| 22-890513   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK   | 1        |
| 22-887099K  | Repair Kit                                          | 1        |



**1 - Dual  
Deadman  
Cushion  
Controller G3  
22-887305G3**

**1 - Repair Kit  
22-887099K**



**1 - A/K  
Cushion  
Carrying  
Case  
22-887006**

**1 - Air Hose  
1 in / 25  
mm dia.  
x 20 ft /  
6 m Red  
22-887400**

**1 - Air Hose  
1 in / 25  
mm dia.  
x 20 ft /  
6 m Blue  
22-887401**

**1 - Air Hose  
3/8 in / 9,5  
mm dia.  
x 16 ft / 6 m  
Black  
22-890513**

### Regulator needed for kit operation



## 10 Ton / 9 Metric Ton Lift Kit

| Part No.     | Description     | Net Weight |      |
|--------------|-----------------|------------|------|
|              |                 | lb         | kg   |
| 22-887102KG2 | BK/10 Ton (9 t) | 111.0      | 50,0 |

| Part No.        | Description                                         | Quantity |
|-----------------|-----------------------------------------------------|----------|
| 22-887010K      | B/K Cushion 5.1Ton (4,7 t)                          | 2        |
| 22-887011       | B/K Cushion Carrying Case                           | 1        |
| 22-887305G3-180 | Dual Deadman Cushion Controller G3 14.5 psi / 1 bar | 1        |
| 22-887400       | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED        | 1        |
| 22-887401       | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE       | 1        |
| 22-890513       | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK   | 1        |
| 22-887099K      | Repair Kit                                          | 1        |

**Regulator needed for kit operation**



## 14 Ton / 12,7 Metric Ton Lift Kit

| Part No.     | Description        | Net Weight |      |
|--------------|--------------------|------------|------|
|              |                    | lb         | kg   |
| 22-887104KG2 | CK/14 Ton (12,7 t) | 139.0      | 63,0 |

| Part No.    | Description                                       | Quantity |
|-------------|---------------------------------------------------|----------|
| 22-887015K  | C/K Cushion 7.4 Ton (6,7 t)                       | 2        |
| 22-887016   | C/K Cushion Carrying Case                         | 1        |
| 22-887305G3 | Dual Deadman Cushion Controller G3                | 1        |
| 22-887400   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED      | 1        |
| 22-887401   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE     | 1        |
| 22-890513   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK | 1        |
| 22-887099K  | Repair Kit                                        | 1        |

**Regulator needed for kit operation**



## 26 Ton / 23,6 Metric Ton Lift Kit

| Part No.    | Description        | Net Weight |      |
|-------------|--------------------|------------|------|
|             |                    | lb         | kg   |
| 22-887106KG | DK/26 Ton (23,6 t) | 150.0      | 68,0 |

| Part No.    | Description                                         | Quantity |
|-------------|-----------------------------------------------------|----------|
| 22-887020K  | D/K Cushion 13.7 Ton (11,9 t)                       | 2        |
| 22-887021   | D/K Cushion Carrying Case                           | 1        |
| 22-887305G3 | Dual Deadman Cushion Controller G3 14.5 psi / 1 bar | 1        |
| 22-887400   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED        | 1        |
| 22-887401   | Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE       | 1        |
| 22-890513   | Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK   | 1        |
| 22-887099K  | Repair Kit                                          | 1        |

**Regulator needed for kit operation**



# Rescue Air Cushions

## Rescue Air Cushion Accessories



**A/K CUSHION  
CARRYING CASE**  
PVC coated, toggle fastening  
Net Weight: 2.4lb 1,1kg  
Part No. 22-887006



**B/K CUSHION  
CARRYING CASE**  
PVC coated, toggle fastening  
Net Weight: 3.0lb 1,4kg  
Part No. 22-887011



**C/K CUSHION  
CARRYING CASE**  
PVC coated, toggle fastening  
Net Weight: 4.3lb 2,0kg  
Part No. 22-887016



**D/K CUSHION  
CARRYING CASE**  
PVC coated, toggle fastening  
Net Weight: 6.1lb 2,8kg  
Part No. 22-887021



**Dual Deadman Cushion  
Controller G3**  
14.5 psi / 1,0 bar  
Net Weight: 4.2lb 1,9kg  
Part No. 22-887305G3



**AIR HOSE RED 1 in / 25  
mm dia.; 20 ft / 6 m**  
Net Weight: 11.0lb / 5,0kg  
Part No. 22-887400  
  
40 ft / 12 m  
Net Weight: 22.0lb / 10,0kg  
Part No. 22-887405  
  
60 ft / 18 m  
Net Weight: 33.0lb / 15,0kg  
Part No. 22-887410



**AIR HOSE BLUE  
1 in / 25 mm dia.; 20 ft / 6 m**  
Net Weight: 11.0lb / 5,0kg  
Part No. 22-887401  
  
40 ft / 12 m  
Net Weight: 22.0lb / 10,0kg  
Part No. 22-887406  
  
60 ft / 18 m  
Net Weight: 33.0lb / 15,0kg  
Part No. 22-887411



**AIR HOSE BLACK  
3/8 in / 9.6 mm dia.; 16 ft / 5 m**  
Net Weight: 2.0lb 0,9kg  
Part No. 22-890513-180



**PRESET REGULATOR  
215 PSI CGA (14.8 BAR)**  
Piston Type 5,500-0 psi /  
379,2-0 bar CGA 347/346 inlet  
Net Weight: 3.6lb 1,6kg  
Part No. 22-895401G3-180



**REGULATOR G3  
215 PSI DIN (14.8 BAR)**  
Piston Type Euro 5,500-0 psi /  
379,2-0 bar DIN  
Net Weight: 3.5lb 1,6kg  
Part No. 22-895401DG3-12



**REPAIR KIT / MEDIUM  
PRESSURE**  
Adhesive, assorted aramid/  
neoprene patches and  
60 grit emory cloth  
Net Weight: 0.4lb 0,2kg  
Part No. 22-887099K



**INLINE RELIEF, SHUT  
OFF & HOSE ASSEMBLY**  
1 in / 2,5 cm x 16 ft / 5 m  
Net Weight: 13.5lb / 6,1kg  
  
14.5 PSI / 1.0 BAR RED HOSE  
Part No. 22-887350  
  
14.5 PSI / 1.0 BAR  
BLUE HOSE  
Part No. 22-887352



**ADAPTER NIPPLE  
5/8 in / 1,6 cm nipple  
x 1.0 in / 2,5 cm hose**  
Net Weight: 0.2lb 0,1kg  
Part No. 22-887460



**QUICK CONNECT  
COUPLINGS  
for 1 in / 2,5 cm hose**  
Net Weight: 0.6lb 0,3kg  
Part No. 22-887450





| <b>RAC Information</b>      |                                                                                        | <b>Medium Pressure</b> |                 |                 |                  |
|-----------------------------|----------------------------------------------------------------------------------------|------------------------|-----------------|-----------------|------------------|
| TYPE                        |                                                                                        | AK                     | BK              | CK              | DK               |
| PART NUMBER                 |                                                                                        | 22-887005K             | 22-887010K      | 22-887015K      | 22-887020K       |
| MAXIMUM LOAD                | lb<br>kg                                                                               | 6,560<br>2.976         | 10,252<br>4.650 | 14,764<br>6.697 | 26,248<br>11.906 |
| LIFT HEIGHT                 | in<br>cm                                                                               | 17<br>43               | 23<br>58        | 24<br>61        | 39.4<br>100      |
| DIAMETER                    | in<br>cm                                                                               | 24<br>61               | 30<br>76        | 36<br>91        | 48<br>122        |
| AIR REQUIRED                | cu ft<br>ltrs                                                                          | 10.4<br>295            | 22<br>620       | 31.6<br>895     | 106<br>3,002     |
| WEIGHT PACKAGED             | lb<br>kg                                                                               | 35<br>16               | 38<br>17        | 50<br>23        | 56<br>25         |
| INSERT SPACE APPROXIMATELY  | in<br>cm                                                                               | 2<br>5                 | 2<br>5          | 2<br>5          | 4<br>10          |
| WORKING SURFACE             | <b>3 PLY NEOPRENE COATED BELT<br/>0.2 in / 5 mm NOMINAL THICKNESS</b>                  |                        |                 |                 |                  |
| INFLATION PORT              | <b>MOLDED THREADED FITTING 1-1 / 6-12</b>                                              |                        |                 |                 |                  |
| INLET NIPPLE                | <b>QUICK CONNECT W/THREADED LOCKING RING</b>                                           |                        |                 |                 |                  |
| RESTRAINT WEBS              | <b>TWIN NYLON WEBS 1 in / 25 mm WIDE<br/>2,399 lb / 1088 kg BREAKING STRAIN</b>        |                        |                 |                 |                  |
| SIDE WALL                   | <b>NEOPRENE COATED (BOTH SIDES)<br/>ARAMID FABRIC, KEVLAR REINFORCED</b>               |                        |                 |                 |                  |
| BUILT IN RESET RELIEF VALVE | <b>MOLDED, THREADED, SPRING LOADED<br/>SELF RESETTING AT 14.5 psi / 1.0 bar +/-10%</b> |                        |                 |                 |                  |

## Forcible Entry Tools

Paratech offers a wide range of forcible entry tools. From the compact and lightweight personal entry tools to the all-purpose Hooligan tools to the PRT Kit, Paratech has every tool you need to break through any barrier.



### Hooligan Comparisons

|                           | SIZES | FINISH        | APPLICATION |
|---------------------------|-------|---------------|-------------|
| SPF (Single Piece Forged) | 1     | Nickel Plated | Rescue      |
| Standard                  | 4     | Nickel Plated | Rescue      |
| Light Weight              | 2     | Nickel Plated | Rescue      |

### Personal Tool Comparisons

|                 | WEIGHT            | LENGTH            | APPLICATION            |
|-----------------|-------------------|-------------------|------------------------|
| Pry-Axe         | 6.6 lbs / 3,0 kg  | 18.4 in / 46,7 cm | Rescue/Police/Military |
| Biel Tool       | 3.1 lbs / 1,4 kg  | 15 in / 38,1 cm   | Rescue/Police/Military |
| TiTAN Crash Axe | 2.5 lbs / 1,13 kg | 15.7 in / 39,9 cm | Rescue/Police/Military |



For more than 60 years Paratech has set the standard for high quality heavy-duty forcible entry tools. These tools are designed to pry, pound, puncture, twist and cut open or remove all types of barriers between emergency personnel and the life they are saving. From our popular full line of Hooligan Tools to our powerful Percussive Rescue Tool (PRT), to our compact & versatile Pry-Axe...Paratech has led the way in design and manufacturing of dependable and unstoppable forcible entry tools.



## ***Hooligan Tool***

Setting the standard of excellence for Halligan type tools, the heavy duty Paratech Hooligan tools have features such as a stress proof bar, lightweight aluminum handles with machine grooved hand grips and gently curved claws that maximize prying leverage. Paratech also offers the SPF, a single piece forged Hooligan, a top choice by many.

## ***Personal Entry Tools***

Paratech offers 3 different types of personal forcible entry tools, the Pry-Axe, Biel Tool, and the TiTAN Crash Axe. The Pry-Axe has an extendable claw to offer the powerful 'Slam & Ram' capability for quick and decisive entry in tight quarters. The claw can be removed and inserted into the keyway in the axe head for twisting leverage.



## ***PRT Percussive Rescue Tool***

The PRT is a powerful hand held rescue tool that can be put to work with a minimal amount of training. The 'Slam & Ram' action of the PRT directs all of its force directly at the point of impact, without deflection, making it safer and more effective than a sledge and wedge.

## Hooligan Tool

The Hooligan Tool is one of the world's most popular forcible entry tools. These heavy-duty tools were designed to pound, puncture, pry, twist, and cut all types of barriers encountered by emergency service personnel. The head and claw are forged from high alloy steel, heat treated for maximum strength, then fitted to a 1" (2,5 cm) stress proof bar. The bar has machine grooved non-slip grips. The Hooligan Tool features a claw that is gently curved for maximum prying leverage. The claw opening is parallel and fits over locks, hasps and many door bars. It can also be used as a nail puller and a gas shut off during emergencies. The "Highway Hooligan Tool" features a metal cutting claw with a machine sharpened metal cutter that uses the can opener principle to cut heavy gauge metal and composites.

### Recommended Users

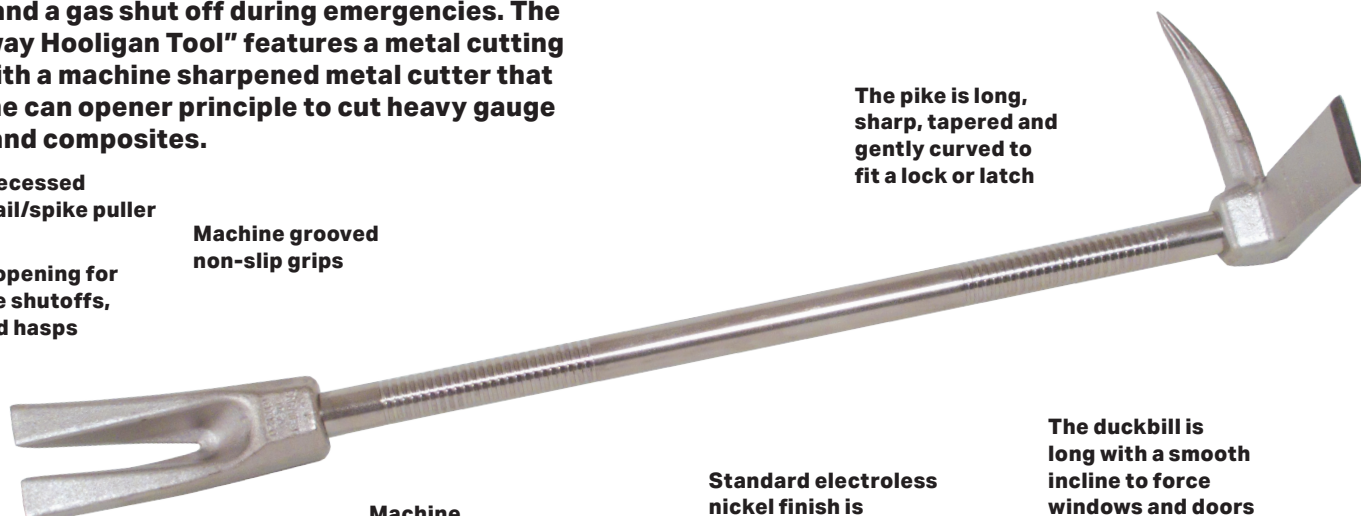
- Fire Departments
- Law Enforcement Agencies
- Rescue Squads
- Hazmat Teams
- Plant/Refinery Maintenance Crews
- Military and Public Utilities

Recessed  
nail/spike puller

Parallel opening for  
gas valve shutoffs,  
locks and hasps

Machine grooved  
non-slip grips

The pike is long,  
sharp, tapered and  
gently curved to  
fit a lock or latch



Machine  
sharpened claws

Standard electroless  
nickel finish is  
available for good  
looks and easy  
maintenance

The duckbill is  
long with a smooth  
incline to force  
windows and doors



### Standard Claw:

Parallel opening for gas  
valve shutoffs, locks and  
hasps. Machine sharpened  
claws. Recessed nail puller.  
Claw radius for prying  
leverage.

### Metal Cutting Claw:

Combines the capability of  
prying and metal cutting.  
Machine sharpened  
metal cutter uses can  
opener principle to cut  
heavy gauge metal and  
composites.





## Hooligan Tool with Standard Claw Electroless Nickel Finish



| Part No.  | Description                              | Length |       | Net Weight |     |
|-----------|------------------------------------------|--------|-------|------------|-----|
|           |                                          | in     | cm    | lb         | kg  |
| 22-000599 | 24 in / 61,0 cm Hooligan Tool            | 24.0   | 61,0  | 9.2        | 4,2 |
| 22-000600 | 30 in / 76,2 cm Hooligan Tool (pictured) | 30.0   | 76,2  | 10.6       | 4,8 |
| 22-000601 | 36 in / 91,4 cm Hooligan Tool            | 36.0   | 91,4  | 11.9       | 5,4 |
| 22-000602 | 42 in / 106,7 cm Hooligan Tool           | 42.0   | 106,7 | 13.2       | 6,0 |

## Hooligan Tool Lightweight

Aluminum Handle and Standard Claw with Electroless Nickel Finish



| Part No.  | Description                                            | Length |      | Net Weight |     |
|-----------|--------------------------------------------------------|--------|------|------------|-----|
|           |                                                        | in     | cm   | lb         | kg  |
| 22-000424 | 24 in / 61,0 cm Hooligan Tool - Lightweight (pictured) | 24.0   | 61,0 | 6.8        | 3,1 |
| 22-000430 | 30 in / 76,2 cm Hooligan Tool - Lightweight            | 30.0   | 76,2 | 7.3        | 3,3 |

# Forcible Entry Tools

## Highway Hooligan with Metal Cutting Claw with Electroless Nickel Finish



| Part No.  | Description                                      | Length |       | Net Weight |     |
|-----------|--------------------------------------------------|--------|-------|------------|-----|
|           |                                                  | in     | cm    | lb         | kg  |
| 22-000622 | 30 in / 76,2 cm Highway Hooligan Tool            | 30.0   | 76,2  | 10.6       | 4,8 |
| 22-000623 | 36 in / 91,4 cm Highway Hooligan Tool (pictured) | 36.0   | 91,4  | 11.9       | 5,4 |
| 22-000624 | 42 in / 106,7 cm Highway Hooligan Tool           | 42.0   | 106,7 | 13.3       | 6,0 |

## SPF Hooligan Single Piece Forged

| Part No.  | Description                  | Length |      | Net Weight |     |
|-----------|------------------------------|--------|------|------------|-----|
|           |                              | in     | cm   | lb         | kg  |
| 22-000680 | SPF Hooligan 30 in / 76,2 cm | 30.0   | 76,2 | 9.7        | 4,0 |

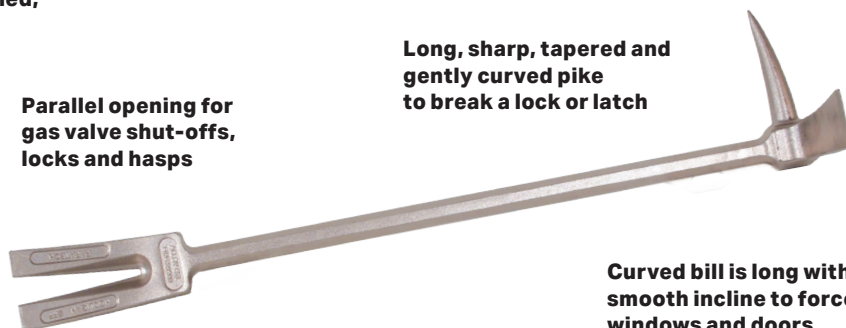
The SPF Hooligan is a single piece forged (SPF) tool intended to exceed FDNY specifications for their primary hand held forcible entry tools. It is the very first redesigned, (features included) single piece Halligan type tool.

### Features

- Single piece, closed die
- Forging for absolute consistent lengths
- Recessed nail puller type claw, a thin curved profile
- Cable groove at the rear of the tool head
- Electroless nickel plating

Parallel opening for gas valve shut-offs, locks and hasps

Long, sharp, tapered and gently curved pike to break a lock or latch



Curved bill is long with a smooth incline to force windows and doors

Thinnest claw on the market designed for better wedging

## Tactical SPF Hooligan Single Piece Forged



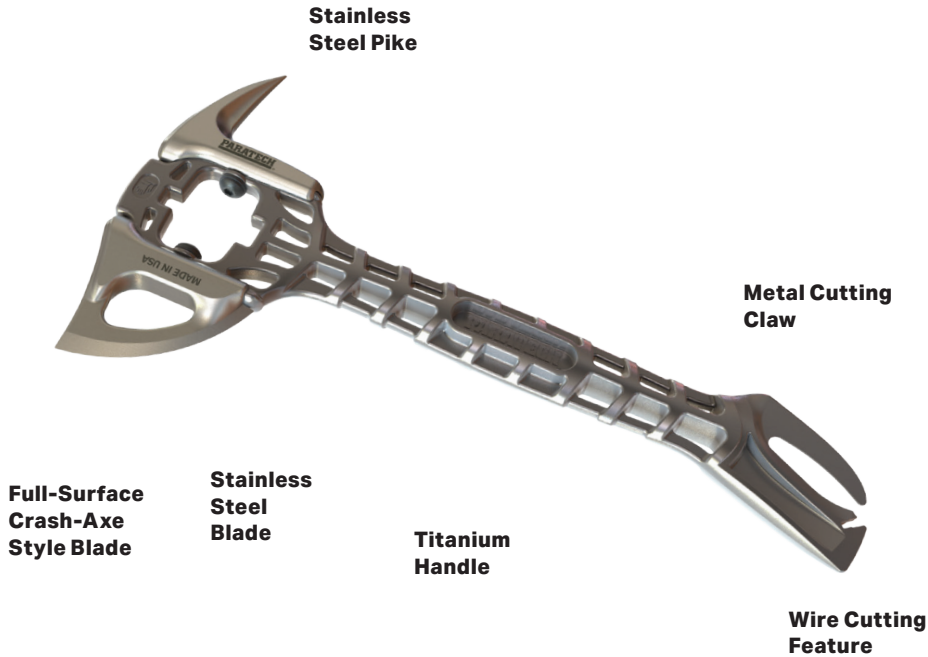
| Part No.   | Description           | Length |      | Net Weight |     |
|------------|-----------------------|--------|------|------------|-----|
|            |                       | in     | cm   | lb         | kg  |
| 22-000680T | Tactical SPF Hooligan | 30.0   | 76,2 | 9.7        | 4,4 |



## Titan Crash Axe

| Part No.  | Description | Length |       | Net Weight |      |
|-----------|-------------|--------|-------|------------|------|
|           |             | in     | cm    | lb         | kg   |
| 22-000120 | Crash Axe   | 15.69  | 39,87 | 2.5        | 1,13 |

Paratech's Titan Crash Axe takes lightweight, multi-function rescue hand tools to the next level. Designed with input from the Air Force's Pararescuemen(PJs), Paratech's Titan Crash Axe is high-tech and low-drag.



STAINLESS STEEL PIKE



STAINLESS STEEL TOPCUT BLADE



ANGLED METAL CUTTING CLAW

### Features

- Super lightweight titanium handle
- Replaceable & interchangeable stainless steel blade and Pike
- Total weight of under 3 lbs.
- Large, full-surface Crash-Axe Style Blade
- Integrated metal cutting claw with wire cutting feature
- "Future ready" for new blades, pikes, picks and more



**Titan Crash Axe Blade**  
Length: 3.1 in 7,87 cm  
Net Weight: 1.5 lb / 0,68 kg  
Part No. 22-000123



**Titan Crash Axe Pike**  
Length: 3.23 in 8,2 cm  
Net Weight: 0.49 l / 0,22 kg  
Part No. 22-000127



INTEGRATED WIRE CUTTER

# Forcible Entry Tools

## Pry-Axe

Here is a tool that has withstood the test of time. For over 40 years the Pry-Axe has remained the best selling tool in our line. The Pry-Axe is being used by fire departments, police departments and rescue squads worldwide.

The Pry-Axe is a lightweight, multi-purpose, 'Slam & Ram' tool designed to pry, enlarge openings, cut sheet metal and twist off locks and latches. This efficient tool lets every firefighter force entry, rescue and ventilate without waiting for help. The Pry-Axe is small enough to carry and rugged enough for most jobs.

The Pry-Axe head and claw assemblies are separate sections forged from high alloy steel and heat treated for maximum strength. A molded rubber sleeve over the handle provides a non-slip grip. The Pry-Axe is electroless nickel plated for good looks and easy maintenance.



Extends 6.8 in / 17,27 cm



Extend Pry-Axe for more leverage and 'Slam & Ram' feature



**Pry-Axe with Metal Cutting Claw**  
Length: 18.4 in 46,7 cm  
Net Weight: 6.6 lb / 3,0 kg  
Part No. 22-000522



**Pry-Axe with Standard Claw**  
Length: 18.4 in 46,7 cm  
Net Weight: 6.6 lb / 3,0 kg  
Part No. 22-000520



**Standard Claw**  
Length: 15.1 in 38,4 cm  
Net Weight: 2.5 lb / 1,4 kg  
Part No. 22-000322s



**Replacement Pry-Axe Head**  
Length: 13.3 in 33,8 cm  
Net Weight: 4.1 lb / 1,9 kg  
Part No. 22-000525



**Pry-Axe Holster**  
Length: 19.0 in 48,3 cm  
Net Weight: 0.7 lb / 0,3 kg  
Part No. 22-000506



**Metal Cutting Claw**  
Length: 15.1 in 38,4 cm  
Net Weight: 2.45 lb / 1,1 kg  
Part No. 22-000324



**Pry-Axe Sheath**  
Length: 8.7 x 18.8 in 26,7 x 47,8 cm  
Net Weight: 0.5 lb / 0,5 kg  
Part No. 22-000505



**Compact Claw**  
Length: 13.25 in 33,66 cm  
Net Weight: 2.13 lb / ,97 kg  
Part No. 22-000321

## Biel Tool

| Part No.  | Length |      | Net Weight |     |
|-----------|--------|------|------------|-----|
|           | in     | cm   | lb         | kg  |
| 22-000550 | 15.1   | 38,3 | 3.3        | 1,5 |

The Biel Tool is one piece made out of heat treated, electro-polished, stainless steel with an extremely durable ergonomically rubber molded handle.

The Biel Tool incorporates many of the features found in the world famous Paratech 'Pry-Axe', but is much smaller and light enough to wear on a belt or carry in the pocket of a bunker coat. This is the perfect personal size multi-purpose forcible entry and rescue tool, designed for forcing doors and windows, prying and twisting hasps and locks, light overhauling, nail removal, gas shutoff, metal cutting and chopping.



**Biel Sheath**  
Length: 7.3 in 18,5 cm  
Net Weight: 0.1 lb 0,05 kg  
Part No. 22-000555



**Biel Holster**  
Length: 16.0 in 40,6 cm  
Net Weight: 0.5 lb 0,24 kg  
Part No. 22-000545



## PRT Rescue Kit

| Part No.  | Description    | Length |      | Net Weight |      |
|-----------|----------------|--------|------|------------|------|
|           |                | in     | cm   | lb         | kg   |
| 22-000625 | PRT Rescue Kit | 31.5   | 80,0 | 29,0       | 13,2 |

The PRT Rescue Kit includes a variety of interchangeable tool bits to penetrate most barriers.

### 'SLAM AND RAM'

Action of the PRT directs all of its force directly at the point of impact



The PRT is a powerful hand held rescue tool that can be put to work with a minimal amount of training. Primarily designed for fast, forcible entry, one person can quickly pry open locks and doors in seconds and easily break through brick and concrete block walls within a few minutes.

The 'Slam & Ram' action of the PRT directs all of its force directly at the point of impact - without deflection, making it safer and more effective than a sledge and wedge.

This heavy duty rescue tool is easily stored and transported, so it can always be... the first tool to the rescue.

## PRT Accessories



**Coupling required**

**PRT PIERCING APPLICATOR 6**  
6 in / 15.2 cm WALL PENETRATION  
Overall length: 18.7 in / 47,5 cm  
Net Weight: 5.12lb / 2,32kg  
Part No. 22-098106



**Coupling required**

**PRT PIERCING APPLICATOR 14**  
14 in / 35.6 cm WALL PENETRATION  
Overall length: 27.1 in / 69 cm  
Net Weight: 6.24lb / 2,83kg  
Part No. 22-098114



**1 1/2 in NH (NST) COUPLING**  
Part No. 22-550320  
**1 1/2 in NPSH (IPT) COUPLING**  
Part No. 22-550330  
Length: 3.1 in / 7,9 cm  
Net Weight: 1.5 lb / 0,7 kg



**PRT Picket Driver Bit**  
Length: 8.8 in 22,4 cm  
Net Weight: 1.5 lb / 0,7 kg  
Part No. 22-000634

## Powered Impact

From Breaking Concrete, to Cutting the Remains of a Melted Tanker Shell Apart, it Delivers the Punch.

### PAKHAMMER

At only 11.3 lb / 5,1 kg and at 1000-1100 high impact blows per minute this PIT dramatically increases the range of rescue work for initial responding units

Made from S7 tool steel and heat treated for long life, all PIT kits come equipped with a wide variety of standard and specialized tool bits.





# Powered Impact Tools

Paratech's Powered Impact Tools (PIT) are designed for forcible entry during fire fighting and rescue operations. They are used for cutting metal and composites, breaking masonry walls, penetrating concrete floors, forcible entry and digging during tunneling operations. Paratech's PITs consume air only on the power stroke. This unique, patented design provides a pneumatic impact and penetrating device with an adjustable power output and very low air consumption.



#### **CRASH RESCUE FROM AIRCRAFT:**

Cut skins, spars, canopies.

#### **CRASH FIRE FIGHTING:**

Piercing applicator for dispensing extinguishing agents.

#### **EXTRICATION:**

From automobiles, trucks, transportation accidents.

#### **DISASTER RESCUE:**

Earthquake, collapse.

#### **PNEUMATIC IMPACT PENETRATOR:**

Use in rescue or industry.

#### **RESCUE/FORCIBLE ENTRY:**

Break doors, locks, padlocks, hasps.

#### **DAMAGE CONTROL:**

Access to compartments through watertight doors, heavy sheet metal.

#### **BREAKS AND PUNCHES HOLES:**

Concrete, asphalt.

The combined features of light weight, very low air consumption and a wide range of power settings make Paratech's Pakhammer extremely effective for rescue and fire fighting operations.

Rescue workers may find themselves temporarily blocked by a masonry wall or faced with the need to penetrate a concrete floor. Building collapse often requires power assisted digging for access to victims.



# Powered Impact Tools

## PakHammer Kit

| Part No.   | Description | Net Weight |      |
|------------|-------------|------------|------|
|            |             | lb         | kg   |
| 22-550505  | US          | 29.9       | —    |
| 22-550505D | Metric      | —          | 13,6 |

| Part No.    | Description                                         | Quantity |
|-------------|-----------------------------------------------------|----------|
| 22-550500G2 | Pakhammer, with Inline Oiler                        | 1        |
| 22-895400G3 | Pressure Regulator 5,500-0 psi / 379,2-0 bar        | 1        |
| 22-890520   | Air Hose 3/8 in / 9,5 mm dia. x 32 ft / 10 m YELLOW | 1        |
| 22-550582   | Chisel S Bit                                        | 1        |
| 22-550584   | Curved Metal Cutter Bit                             | 1        |
| 22-550586   | Bullpoint S Bit                                     | 1        |
| 22-550291   | Oil, lubricating, 4 oz / 124 g                      | 1        |
| 22-550094   | Allen Wrench 7/32 in / 0,6 cm                       | 1        |
| 22-550099   | Allen Wrench 3/16 in / 0,5 cm                       | 1        |
| 22-550096   | Manual, Operating and Instruction                   | 1        |
| 22-700235   | Goggles, plastic safety                             | 1        |
| 22-550286A  | Pelican Case 1700 Black                             | 1        |



A 1000–1100 high impact blows per minute, 11 pound/ 5 kg impact tool that dramatically increases the range of forcible entry and rescue work initial responding units can handle without calling up heavy equipment. The Pakhammer is the only pneumatic impact tool of its size that is designed to operate from portable air cylinders. It is an ideal tool for bus and train rescue, high rise work, collapse rescue or any situation that requires a powerful impact tool that operates from a limited air supply.

### Pakhammer Kit Technical Data

|                                |                           |
|--------------------------------|---------------------------|
| Length (without bit)           | 27.6 in / 70,1 cm         |
| Weight (Pakhammer without bit) | 11.3 lb / 5,1 kg          |
| Air Pressure Range             | 40-200 psi / 2,7-13,7 bar |

|                                     |                     |
|-------------------------------------|---------------------|
| Air Consumption at 175 psi (12 bar) | 18 SCFM / 510 l/min |
| Blows/Minute (approx.)              | 1000-1100           |
| Kit Weight:                         | 29 lb / 13,6 kg     |
| Shank Size                          | 0.401 in / 1,0 cm   |

## ARFF Grab and Go Kit

| Part No.    | Description | Net Weight |      |
|-------------|-------------|------------|------|
|             |             | lb         | kg   |
| 22-550ARFF  | US          | 29.9       | —    |
| 22-550ARFFD | Metric      | —          | 13,6 |

| Part No.    | Description                                                      | Quantity |
|-------------|------------------------------------------------------------------|----------|
| 22-550500G2 | Pakhammer, with Inline Oiler                                     | 1        |
| 22-895400G3 | Pressure Regulator G3 5,500-0 psi / 379.2-0 bar                  | 1        |
| 22-890547   | Air Hose 3/8 in / 9,5 mm dia. x 8 ft / 10 m YELLOW               | 1        |
| 22-550251   | Piercing Applicator - 14 14 in / 35,6 cm                         | 1        |
| 22-550584   | Curved Metal Cutter Bit                                          | 1        |
| 22-550273   | Heavy Duty Metal Cutter Bit                                      | 1        |
| 22-550291   | Oil, lubricating, 4 oz / 124 g                                   | 1        |
| 22-550094   | Allen Wrench 7/32 in / 0.6 cm                                    | 1        |
| 22-550099   | Allen Wrench 3/16 in / 0,5 cm                                    | 1        |
| 22-550591   | Panel Cutter with Relief for Aircraft Windows Bit                | 1        |
| 22-550379   | Ballistic Nylon Carrying Case 14"H x 34"L                        | 1        |
| 22-550246   | Neoprene Plug 4 in / 10,2 cm 3/4 in-1.5 in / 1,9-3,8 cm Diameter | 2        |
| 22-550598   | Plug Driver                                                      | 1        |
| 22-550320   | Coupling                                                         | 1        |
| 22-550380A  | Tool Bit Pouch                                                   | 1        |



This multipurpose kit is designed to handle numerous functions in ARFF. Includes a cutting bit designed to cut aircraft windshields and canopies, a cutting bit to cut sheet metal, a plug driver bit and neoprene plugs for leak sealing, piercing nozzle that can penetrate the GLARE composite skin as well as, CFRP (Carbon Fiber Reinforced Plastic). The 14" Piercing nozzle can flow water or chemical firefighting agents like foam etc. to help extinguish fires. This Grab and Go kit also includes the Paratech Pakhammer, designed to use with a limited air supply, uses less air and hits harder than any other tool of its kind and can go much longer before an air change is needed. Other pieces of equipment in this versatile kit are an adjustable regulator that can operate the tool at a range of 40 psi to 200 psi.

### ARFF Grab and Go Kit Technical Data

|                                     |                           |
|-------------------------------------|---------------------------|
| ARFF Grab and Go Kit Technical Data | 27.6 in / 70,1 cm         |
| Length (Pakhammer without bit)      | 27.6 in / 70,1 cm         |
| Weight (Pakhammer without bit)      | 11.3 lb / 5,1 kg          |
| Air Pressure Range                  | 40-200 psi / 2.7-13.7 bar |

|                                     |                     |
|-------------------------------------|---------------------|
| Air Consumption at 175 psi (12 bar) | 18 SCFM / 510 l/min |
| Blows/Minute (approx.)              | 1000-1100           |
| Kit Weight                          | 29 lb / 13,6 kg     |
| Shank Size                          | 0.401 in / 1,0 cm   |





## Pakhammer Bits



**CURVED METAL CUTTER**  
10.25 in / 26 cm - 1.2  
in / 3 cm wide  
Net Weight: .6lb / 0,3kg  
22-550584



**DUAL CUTTER**  
11 in / 27,9 cm  
Net Weight: 1.0lb / 0,5kg  
22-550592



**DUAL CUTTER WITH  
BULLPOINT**  
11 in / 27,9 cm  
Net Weight: 1.0lb / 0,5kg  
22-550594



**HEAVY DUTY METAL CUTTER**  
11 in / 27,9 cm - 0.5 in /  
1,3 cm - depth of cut  
Net Weight: 1.0lb / 0,5kg  
22-550273



**LOCK BREAKER**  
11 in / 27,9 cm  
Net Weight: 1.0lb / 0,5kg  
22-550596



**BULLPOINT-S**  
14 in / 35,6 cm  
Net Weight: 1.2lb / 0,5kg  
22-550586



**BULLPOINT-L**  
20 in / 50,8 cm  
Net Weight: 1.8lb / 0,8kg  
22-550588



**CHISEL-S**  
14 in / 35,6 cm - 1.0  
in / 2,5 cm wide  
Net Weight: 1.3lb / 0,6kg  
22-550582



**CHISEL-L**  
20 in / 50,8 cm - 1.0  
in / 2,5 cm wide  
Net Weight: 1.3lb / 0,6kg  
22-550583



**PANEL CUTTER FOR METALS**  
8 in / 20,3 cm - 1.2  
in / 3 cm deep  
Net Weight: 0.8lb / 0,4kg  
22-550590



**PANEL CUTTER WITH  
RELIEF FOR AIRCRAFT  
WINDOWS**  
8 in / 20,3 cm - 1.2  
in / 3 cm deep  
Net Weight: 0.8lb / 0,4kg  
22-550591



**SPADE 3 IN / 7,6 CM WIDE**  
20 / 50,8 cm  
Net Weight: 1.3lb / 0,6kg  
22-550595



**PIERCING APPLICATOR - 6**  
6 in / 15,2 cm WALL  
PENETRATION  
Overall length: 17.8 in / 45,2 cm  
Net Weight: 4.4lb / 2,0kg  
22-550241



**PIERCING APPLICATOR - 14**  
14 in / 35,6 cm WALL PENETRATION  
Overall length: 26.3 in / 66,7 cm  
Net Weight: 5.5lb / 2,5kg  
22-550251



**PIERCING APPLICATOR - 32**  
32 in / 81,28 cm WALL  
PENETRATION  
Overall length: 44.3 in / 112,5 cm  
Net Weight: 7.75lb / 3,5kg  
22-550261



**PLUG DRIVER**  
Net Weight: 1.0lb / 0,5kg  
22-550598



**NEOPRENE PLUG 4 in / 10,2 cm**  
LG 0.75 - 1.5 in / 1.9 - 3,8 cm DIA  
For use with plug driver  
Net Weight: 0.5lb / 0,2kg  
22-550246



## Pakhammer With Inline Oiler

Part No. 22-550500G2 Net Weight: 11.1lb / 5,0kg



## Pakhammer Accessories



**PRESSURE REGULATOR G3**  
Piston Type 5,500-300 psi /  
379,2-20,7 bar  
Net Weight: 3.6lb / 1,6kg  
22-895400G3



**PRESSURE REGULATOR G3**  
Piston Type 5,500-300 psi /  
379,2-20,7 bar DIN  
Net Weight: 3.7lb / 1,7kg  
22-895400DG3



**AIR HOSE YELLOW**  
3/8 in / 9,6 mm dia.  
32 ft / 10 m  
Net Weight: 4.5lb / 2,1kg  
22-890520



**AIR TOOL OIL**  
Net Weight: 0.3lb / 0,1kg  
22-550291



**COUPLING**  
for piercing applicator  
NH 5/8 in / 1 1/2 in  
Net Weight: 1.5lb 0,7kg  
22-550320

**NPSH 5/8 in / 1 1/2 in**  
Net Weight: 1.5lb / 0,7kg  
22-550330



**ALLEN WRENCH**  
7/32 in / 0.6 cm  
Net Weight: 0.1lb 0,1kg  
22-550094  
3/16 in / 0.5 cm  
Net Weight: 0.1lb / 0,1kg  
22-550099



# Damage Control Systems

## Damage Control System (DCS)

### Direct Compression



I-Type, can be used vertically or horizontally and is the simplest and strongest as it is parallel to the load axis (see table).

### Cross-Axial



H-Type, can be used vertically or horizontally and takes moderate pressure (see table) as the pressure acts perpendicular to the load axis.

### Triangulation



K-Type, can be used vertically or horizontally and takes full pressure (see table) as the pressure acts parallel to the load axis.

The most important factor you get with Paratech's DCS is time! With incoming water comes increasing depth and with that, higher water pressure...one of the most unforgiving vicious cycles has begun. To break the cycle you need time...time to build shoring that can slow the incoming water enough for the pumps to keep up...

The Paratech Damage Control System will provide that break.

The Paratech Damage Control System (DCS) brings maritime damage control shoring into the 21st century. Speed, strength, flexibility and capability are the hallmarks of Paratech's DCS. Everything about the system has been engineered to simplify the difficult task Damage Control Teams have to face in the harsh and often dangerous working environments they have to perform in. With the Paratech DCS you will achieve setup speeds never seen with any wood-based system. A standard K brace can be set and fitted within one minute by an experienced team. The system is very logical and user-friendly for unexperienced crew members as well. All components of Paratech's DCS are machined from aircraft grade aluminum for superior strength and hard-coat anodized for maximum salt-spray protection. Designed to last and perform, the DCS makes damage control shoring faster, safer and easier than ever before.

### Shoring

Placing support against, beneath or above the damaged areas and preventing additional sagging, bulging and metal fatigue.

| Length |       | Axial load 2:1 |       |
|--------|-------|----------------|-------|
| Feet   | cm    | lb             | kg    |
| 1'     | 30,5  | 44000          | 20000 |
| 2'     | 61,0  | 44000          | 20000 |
| 3'     | 91,4  | 44000          | 20000 |
| 4'     | 121,9 | 44000          | 20000 |
| 5'     | 152,4 | 44000          | 20000 |
| 6'     | 182,9 | 44000          | 20000 |
| 7'     | 213,4 | 44000          | 20000 |
| 8'     | 243,8 | 40000          | 18000 |
| 9'     | 274,3 | 32000          | 14500 |
| 10'    | 304,8 | 24000          | 11000 |
| 11'    | 335,3 | 20000          | 9000  |
| 12'    | 365,8 | 16000          | 7250  |
| 13'    | 396,2 | 14000          | 6250  |
| 14'    | 426,7 | 12000          | 5500  |
| 15'    | 457,2 | 9000           | 4000  |
| 16'    | 487,7 | 6000           | 2750  |



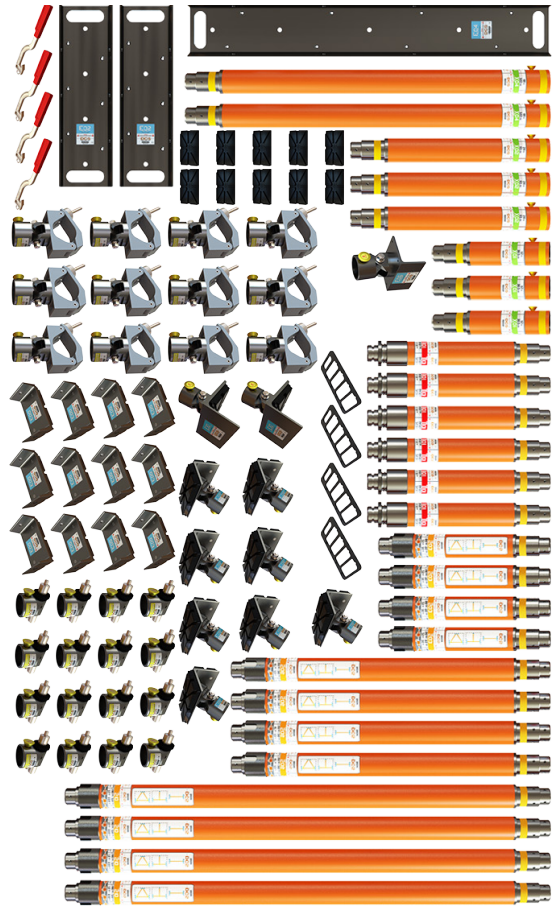
## Damage Control Kit-A

### 22-79800AK

The Damage Control Kit-A is designed for vessels larger than 260ft (80m), such as Frigates, Corvettes, Cruise Ships and Tankers. \*Multiple kits should be positioned.

| # Of Decks | Qty Of Kit-A |
|------------|--------------|
| 6          | 3            |
| 10         | 4            |
| 12         | 4            |
| 14         | 6            |
| 16         | 8            |

| Part No.  | Description                             | Quantity |
|-----------|-----------------------------------------|----------|
| 22-798S03 | Damage Control Shore 03                 | 4        |
| 22-798S06 | Damage Control Shore 06                 | 4        |
| 22-798S10 | Damage Control Shore 10                 | 4        |
| 22-798B01 | Damage Control Brace 01                 | 6        |
| 22-798X01 | Damage Control Extension 01             | 3        |
| 22-798X02 | Damage Control Extension 02             | 3        |
| 22-798X04 | Damage Control Extension 04             | 2        |
| 22-798E00 | Damage Control Rubber End               | 12       |
| 22-798E02 | Damage Control Rail End 02              | 2        |
| 22-798E04 | Damage Control Rail End 04              | 1        |
| 22-798E06 | Damage Control Angled End               | 1        |
| 22-798E08 | Damage Control Rubber Corner End        | 8        |
| 22-798E10 | Damage Control Rubbered Angled End      | 2        |
| 22-798C10 | Damage Control Latch Connector          | 16       |
| 22-798C20 | Damage Control Clamp & Clevis Connector | 12       |
| 22-798A00 | Damage Control Rubber Pad               | 10       |
| 22-796689 | Latch Holder                            | 4        |
| 22-798027 | Damage Control Spanner                  | 4        |



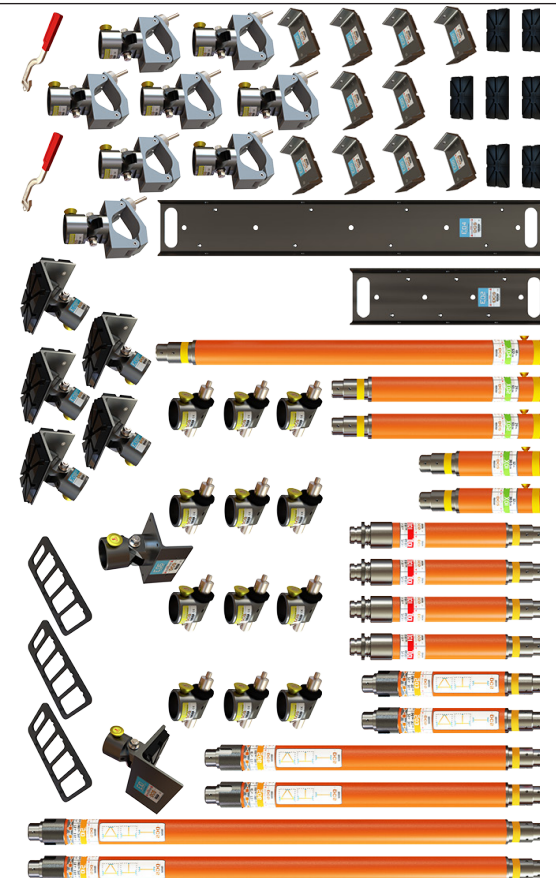
## Damage Control Kit-B

### 22-79800BK

The Damage Control Kit-B is designed for vessels between 165ft (50m) and 260ft (80m), such as Minesweepers, Workboats and small Ferries. \*Multiple kits should be positioned.

| # Of Decks | Qty Of Kit-B |
|------------|--------------|
| 2          | 2            |
| 6          | 3            |
| 10         | 4            |

| Part No.  | Description                             | Quantity |
|-----------|-----------------------------------------|----------|
| 22-798S03 | Damage Control Shore 03                 | 2        |
| 22-798S06 | Damage Control Shore 06                 | 2        |
| 22-798S10 | Damage Control Shore 10                 | 2        |
| 22-798X01 | Damage Control Extension 01             | 2        |
| 22-798X02 | Damage Control Extension 02             | 2        |
| 22-798X04 | Damage Control Extension 04             | 1        |
| 22-798B01 | Damage Control Brace 01                 | 4        |
| 22-798E00 | Damage Control Rubber End               | 10       |
| 22-798E02 | Damage Control Rail End 02              | 1        |
| 22-798E04 | Damage Control Rail End 04              | 1        |
| 22-798E06 | Damage Control Angled End               | 1        |
| 22-798E08 | Damage Control Rubber Corner End        | 5        |
| 22-798E10 | Damage Control Rubber Angled End        | 1        |
| 22-798C10 | Damage Control Latch Connector          | 12       |
| 22-798C20 | Damage Control Clamp & Clevis Connector | 8        |
| 22-796689 | Latch Holder                            | 3        |
| 22-798027 | Damage Control Spanner                  | 2        |
| 22-798A00 | Damage Control Rubber Pad               | 7        |



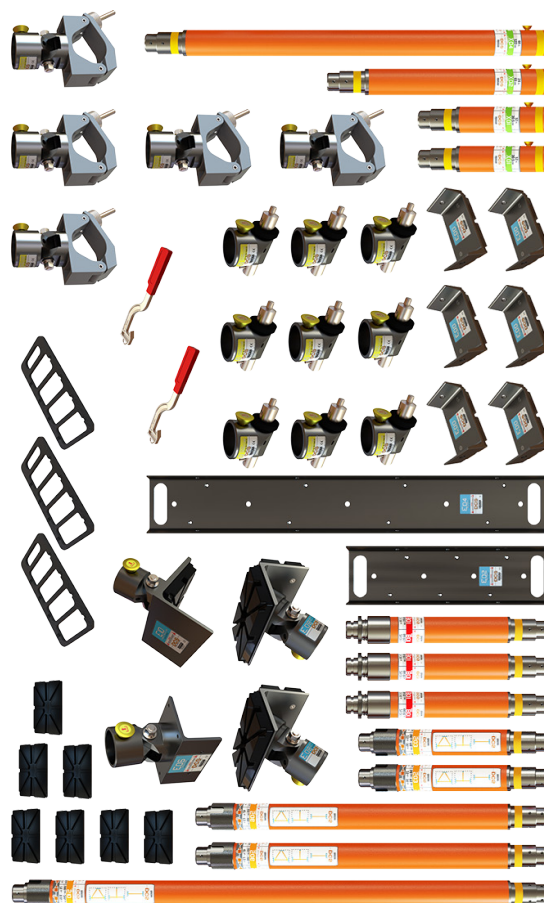
# Damage Control Systems

## Damage Control Kit-C

### 22-79800CK

The Damage Control Kit-C is designed for vessels between 100ft (30m) and 200ft (60m), such as Patrol vessels and smaller Workboats. \* Multiple kits should be positioned.

| Part No.  | Description                             | Quantity |
|-----------|-----------------------------------------|----------|
| 22-798S03 | Damage Control Shore 03                 | 2        |
| 22-798S06 | Damage Control Shore 06                 | 2        |
| 22-798S10 | Damage Control Shore 10                 | 1        |
| 22-798X01 | Damage Control Extension 01             | 2        |
| 22-798X02 | Damage Control Extension 02             | 1        |
| 22-798X04 | Damage Control Extension 04             | 1        |
| 22-798B01 | Damage Control Brace 01                 | 3        |
| 22-798E00 | Damage Control Rubber End               | 6        |
| 22-798E02 | Damage Control Rail End 02              | 1        |
| 22-798E04 | Damage Control Rail End 04              | 1        |
| 22-798E06 | Damage Control Angled End               | 1        |
| 22-798E08 | Damage Control Rubber Corner End        | 2        |
| 22-798E10 | Damage Control Rubber Angled End        | 1        |
| 22-798C10 | Damage Control Latch Connector          | 9        |
| 22-798C20 | Damage Control Clamp & Clevis Connector | 5        |
| 22-796689 | Latch Holder                            | 3        |
| 22-798027 | Damage Control Spanner                  | 2        |
| 22-798A00 | Damage Control Rubber Pad               | 7        |



## Damage Control Kit-D

### 22-79800DK

The Damage Control Kit-D is designed for smaller vessels under 100ft (30m).

| Part No.  | Description                             | Quantity |
|-----------|-----------------------------------------|----------|
| 22-798S03 | Damage Control Shore 03                 | 2        |
| 22-798S10 | Damage Control Shore 10                 | 1        |
| 22-798B01 | Damage Control Brace 01                 | 1        |
| 22-798E00 | Damage Control Rubber End               | 3        |
| 22-798E02 | Damage Control Rail End 02              | 1        |
| 22-798E08 | Damage Control Rubber Corner End        | 2        |
| 22-798C10 | Damage Control Latch Connector          | 3        |
| 22-798C20 | Damage Control Clamp & Clevis Connector | 3        |
| 22-798027 | Damage Control Spanner                  | 1        |
| 22-798A00 | Damage Control Rubber Pad               | 4        |





## Damage Control Shores

Damage Control Shores offer the end user the ability to manually extend the shore to desired length. The Damage Control Shore always defaults to a locked position.



| Part No.  | Description             | Length |         | Net Weight |      | Ship Weight |      |
|-----------|-------------------------|--------|---------|------------|------|-------------|------|
|           |                         | in     | cm      | lb         | kg   | lb          | kg   |
| 22-798S03 | Damage Control Shore 03 | 25-36  | 66-91   | 13.7       | 6.2  | 14.7        | 6,7  |
| 22-798S06 | Damage Control Shore 06 | 47-73  | 122-185 | 26.0       | 11.8 | 27.0        | 12,3 |
| 22-798S10 | Damage Control Shore 10 | 71-116 | 183-295 | 39.3       | 17.8 | 40.3        | 18,3 |

## Damage Control Extensions

Paratech offers Damage Control Extensions in three sizes: 12" / 30,5 cm, 24" / 61 cm and 48" / 122 cm. Extensions are attached to the solid end of the shore.



| Part No.  | Description                 | Length |      | Net Weight |     | Ship Weight |     |
|-----------|-----------------------------|--------|------|------------|-----|-------------|-----|
|           |                             | in     | cm   | lb         | kg  | lb          | kg  |
| 22-798X01 | Damage Control Extension 01 | 12     | 30,5 | 6.3        | 2,9 | 7.3         | 3,3 |
| 22-798X02 | Damage Control Extension 02 | 24     | 61   | 9.4        | 4,3 | 10.4        | 4,8 |
| 22-798X04 | Damage Control Extension 04 | 48     | 122  | 15.4       | 7,0 | 16.4        | 7,4 |

## Damage Brace

Greatly extend the flexibility and strength of your Paratech Damage Control System with a heavy duty brace.



| Part No.  | Description          | Length |    | Net Weight |     | Ship Weight |     |
|-----------|----------------------|--------|----|------------|-----|-------------|-----|
|           |                      | in     | cm | lb         | kg  | lb          | kg  |
| 22-798B01 | Damage Control Brace | 26     | 66 | 15.0       | 6,8 | 16.0        | 7,3 |

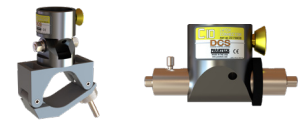
## Damage Control Ends



6 different ends in the system offer the possibility of making a variety of shores for Damage Control. The 4" Paratech Damage Control End should always be in one end of a shore used when flex in the hull is predicted.

| Part No.  | Description                        | Length |      | Net Weight |     | Ship Weight |     |
|-----------|------------------------------------|--------|------|------------|-----|-------------|-----|
|           |                                    | in     | cm   | lb         | kg  | lb          | kg  |
| 22-798E00 | Damage Control Rubber End          | 4      | 10,2 | 1.9        | 0,9 | 2.2         | 1,0 |
| 22-798E02 | Damage Control Rail End 02         | 24     | 61   | 6.8        | 0,1 | 7.3         | 3,3 |
| 22-798E04 | Damage Control Rail End 04         | 48     | 122  | 13.8       | 6,3 | 14.5        | 6,6 |
| 22-798E06 | Damage Control Angled End          | 7.6    | 19,3 | 2.9        | 1,3 | 3.2         | 1,6 |
| 22-798E08 | Damage Control Rubber Corner End   | 6.81   | 17,3 | 6.3        | 2,8 | 6.3         | 2,8 |
| 22-798E10 | Damage Control Rubbered Angled End | 9.25   | 23,5 | 5.4        | 2,4 | 5.7         | 2,6 |

## Damage Control Connectors



| Part No.  | Description                             | Net Weight |     | Ship Weight |     |
|-----------|-----------------------------------------|------------|-----|-------------|-----|
|           |                                         | lb         | kg  | lb          | kg  |
| 22-798C10 | Damage Control Latch Connector          | 3,2        | 1.5 | 3.5         | 1,6 |
| 22-798C20 | Damage Control Clamp & Clevis Connector | 6.6        | 3,0 | 6.9         | 3,1 |

## Damage Control Accessories



| Part No.  | Description               | Length |       | Net Weight |      | Ship Weight |     |
|-----------|---------------------------|--------|-------|------------|------|-------------|-----|
|           |                           | in     | cm    | lb         | kg   | lb          | kg  |
| 22-798A00 | Damage Control Rubber Pad | 6.75   | 17,12 | .96        | 0,45 | .99         | ,45 |
| 22-796689 | Latch Holder              | 15.0   | 38,1  | 4.1        | 1,9  | 4.6         | 2,1 |
| 22-798027 | Damage Control Spanner    | 13.23  | 33,60 | .55        | 0,25 | .58         | ,26 |

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