### LEGEND / KEY

- **NEW PRODUCT**
- **NOTE**
- **CAUTION**
- **WARNING**
- **NEW SPECS**

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### CATEGORY TITLE

- ATLAS DEVICES PRODUCT
- REBS PRODUCT

### PRODUCT NAME

- ATLAS DEVICES PRODUCT
- REBS PRODUCT

### COMPATIBLE MISSION PROFILE(S)

- 1 UPPER (1UP)
- IMX
- RX
- T & D CONSTRUCTION
- RESCUE

### INCOMPATIBLE MISSION PROFILE(S)

- MAXIMUM REACH HEIGHT
- HEIGHT MEASURED IN FEET

### Compatible Mission Profile(s)

- 1 UPPER (1UP)
- IMX
- RX
- T & D CONSTRUCTION
- RESCUE

### Incompatible Mission Profile(s)

- **NOTE**
- **NEW PRODUCT**
- **CONTACT FOR MORE DETAILS**
Atlas Devices is a global provider of innovative solutions for security, defense, and rescue applications. Since our founding in 2005 by MIT researchers, we have proudly and ambitiously set new standards for the speed, ease, and safety with which our customers are able to accomplish difficult tasks in all environments: maritime, urban, airborne, and beyond. Our technologies are field-proven and meticulously honed with user feedback earned from years of close relationships.

We pride ourselves on our developmental approach, which has yielded some of the world’s foremost access equipment, relied upon by some of the world’s most elite users. Furthermore, we are proud to be an innovation-driven company whose steady growth is creating local high tech jobs, developing and manufacturing game-changing solutions for customers around the world—all of which are 100% made in the U.S.A., in Boston, MA.

Atlas Devices delivers powerfully forged solutions utilizing a genuine intensity for innovation. Our dynamic creativity, joined with a responsiveness to operator needs, inspires the creation of lifelike, new capabilities that surpass the imagination, solve the toughest challenges, and save lives.

The Atlas Devices team changes impossible into ordinary through a unique team-oriented approach to our access solutions. Using fluid and reliable techniques, we integrate critical access needs with years of elite experience to ensure operators are effective, capable, and safe.

Based on the most commonly requested configurations from customers globally, Atlas Devices has compiled kits that most efficiently and effectively accomplish your mission. Throughout the catalog, any item that starts with “AK” is an Atlas Kit. The Atlas Kits include the core adapters, configurations, and components that you’ll need to get off the ground quickly with confidence.
Atlas Devices is a global provider of innovative solutions for security, defense, and rescue applications. Since our founding in 2005 by MIT researchers, we have proudly and ambitiously set new standards for the speed, ease, and safety with which our customers are able to accomplish difficult tasks in all environments: maritime, urban, airborne, and beyond. Our technologies are field-proven and meticulously honed with user feedback earned from years of close customer relationships. We pride ourselves on our developmental approach, which has yielded some of the world’s foremost access equipment, relied upon by some of the world’s most elite users. Furthermore, we are proud to be an innovation-driven company whose steady growth is creating local high-tech jobs, developing and manufacturing critical solutions for customers around the world—all of which are 100% made in the U.S.A. in Boston, MA. Because the nature of access needs supersedes the defense and tactical industries, Atlas Devices is bringing to the forefront a new Professional Product Line to meet the top technology challenges of lineman, telecom, and energy customers.
The Atlas Devices Reach Height Chart is a method for determining the various systems required to reach specific target heights of various utility and energy job locations.

<table>
<thead>
<tr>
<th>System</th>
<th>Reach Height</th>
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<tr>
<td>100 FT</td>
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<tr>
<td>Atlas Pirate Paddles (APP)</td>
<td></td>
</tr>
<tr>
<td>Atlas Powered Ascender - Utility Model (APA-5-U)</td>
<td>1400 FT +</td>
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<tr>
<td>REBS Compact Launcher, Utility Model</td>
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<tr>
<td>REBS Pneumatic Launcher, Utility Model</td>
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</tr>
<tr>
<td>150 FT</td>
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<td>FEET</td>
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<tr>
<td>SURFACE</td>
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<tr>
<td>500 KV Tower</td>
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</table>
HIGHER, FASTER, SAFER

In the crucial work of building, maintaining and repairing live electrical transmission and distribution infrastructure, accessing work positions can be challenging, dangerous, and costly.

Atlas Devices products and techniques help linemen and electricians complete jobs safer, faster, higher, and with twice the efficiency in a handheld portable solution. By adapting our field-proven military solutions toward the utility sector’s unique energized requirements, we have given line crews powerful enhancements to their efficiency and safety.

With our solutions, line crews have completed jobs up to 8 times faster, gained immediate on-site rescue capability with smaller teams, and get first man up in only minutes in true compliance with OSHA-required 100% attachment. An Atlas Devices Solution can build and promote a Return on Investment in as little as 1-2 jobs per system.
INSPECTION AND MAINTENANCE (IMX)

- OSHA Compliant First Man Up 100% Attached
- Significantly reduce job completion time
- Increased productivity on the number of jobs completed per shift
- Platform agnostic, man packable job kit
- Vehicle-denied austere remote-access job site capability
- Repeatably accurate rope placement
- Energized field capable
- Eliminate requirement for manual ascent reducing lineman fatigue

JOB KITS
- AJK-TOWER-KIT-1
- AJK-TOWER-KIT-2

APPLICATIONS
- Skate line personnel and equipment ground-to-tower transitions
- Spacer cart positioning and movement
- Insulator inspection, maintenance and replacement
- Spacer inspection, maintenance and replacement
- Damper inspection, maintenance and replacement
- Effortless hydroelectric dam inspection

JOB KITS
- AJK-TOWER-KIT-1
- AJK-TOWER-KIT-2
T & D CONSTRUCTION

- 100% attached hands-free POWERED work positioning
- Precise, controllable and fast work positioning
- Eliminates manual ascent significantly reducing fatigue and increasing safety
- Enables remote access to geographically congested job sites
- Reduces long-line transport and operations risks in rotary wing operations
- Stand alone, platform symmetric disaster response capability
- Time saving, high endurance battery for continuous operation
- Energized field capable

APPLICATIONS
- Dismounted use for right of way easement restrictions
- Self contained battery for use in grid-powerless environment
- Single person remote lifting of transformers in vehicle-denied areas
- Construction work positioning
- Zero emission sub-surface cable hauling
- Confined space operation capable
- O&M eased dismountable aircraft hoist
- Enhances mechanical advantage for lifting in excess of 1000 lbs

JOB KITS
- AJK-TOWER-KIT-1
- AJK-TOWER-KIT-2

RESCUE

- Life rated 2 person hoist
- Hands free safety auto lock-out when not in use/without power
- Emergency descent capable without power
- Immediate means of retrieval
- Creates negligible ratio of rescuer-to-patient size/strength capability
- Single person rescuer wireless remote control capable
- Reduces the need for complex haul systems and training
- Reduce job site incidents during real-world rescue and training operations
- Energized field capable
- Significant noise reduction for better communication
- Immediately switchable up/down modes with no additional configuration required
- Immediately switchable speed selectors for variable speed, precision control

APPLICATIONS
- Self rescue using wireless remote
- Two person rescue
- Pick off operations
- Confined space operations
- Dismountable, portable haul system for on-tower/ground use
- Rotary wing aircraft casualty evacuation

JOB KITS
- AJK-TOWER-KIT-1
- AJK-TOWER-KIT-2

HIGHER, FASTER, SAFER
Atlas Job Tower Kit 1 is a launch and ascend kit for congested urban and vehicle denied remote job sites. All the tools needed to reach higher, accomplish tasks faster and work safer while maintaining 100% attached OSHA compliance. Precision controllable and fast work positioning eliminates the need for manual ascent, significantly reducing fatigue and increasing job safety. With a working load of 600 lbs. direct pull the Atlas Powered Ascender allows for two-person transport, rescue of a fallen lineman and many equipment hauling options over 1000 lbs+. With the REBS Pneumatic multi-shot field chargeable launcher kit you can launch a dielectric projectile over the tower up to 150’ with an attached pilot technora rope, pull two clean working ropes up and over to the base of the tower and anchor them. Attach the Atlas Powered Utility ascender to the working rope and ascend 100% attached with fall arrest backup to your desired work position. AK-TOWER-KIT-1 may be utilized in a wide variety of job tasks to include 1st man up, inspection and maintenance, immediate rescue and 2 personnel lifting (powered), tower construction, and many more.

**Applications**
- 1st Man Up
- Inspection and Maintenance
- Immediate Rescue and 2 personnel lifting (powered)
- Tower Construction
ATLAS JOB TOWER KIT 2

**APPLICATIONS**
- 1st Man Up
- Inspection and Maintenance
- Immediate Rescue and 2 personnel lifting (powered)
- Tower Construction
- Equipment and Personnel Hauling

**PRODUCT DESCRIPTION**
ATLAS JOB Tower Kit 2 is a launch and ascend kit in a smaller more compact form factor for congested urban and vehicle denied remote job sites. The kit contains all the tools needed to reach higher, accomplish tasks faster, and work safer in compact form factor while maintaining 100% attached OSHA compliance. Precision controllable and fast work positioning eliminates the need for manual ascent significantly reducing fatigue and increasing job safety. With a working load of 600 lbs direct pull the ATLAS Powered Ascender allows for two-person transport, rescue of a fallen lineman and many equipment hauling options over 1000 lbs+.

Using the REBS Pneumatic multi-shot field chargeable Compact Launcher kit, you can launch a dielectric projectile over or through the tower up to 75’+ with an attached technora rope. Pull two clean working ropes up and over to the base of the tower and anchor them. Attach the Atlas Powered Utility ascender to the working rope and ascend to your desired work position 100% attached with fall arrest backup to your desired work position. Application: ATLAS JOB Tower Kit 2 may be utilized in a wide variety of job task to include 1st man up, inspection and maintenance, rescue, construction and equipment hauling.

**Solution Breakdown**: PN: AJK-TOWER-KIT-2

<table>
<thead>
<tr>
<th>Individual Kit</th>
<th>Individual Kit Dimensions</th>
<th>Individual Kit Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK-TOWER-KIT-1</td>
<td>26 x 20 x 10 in / 66 x 51 x 25 cm</td>
<td>52 lbs / 24 kg</td>
</tr>
<tr>
<td>AK-LNCR-COMPACT-UTILITY-KIT-1</td>
<td>26 x 22 x 12 in / 66 x 56 x 30 cm</td>
<td>42 lbs / 19 kg</td>
</tr>
<tr>
<td>FIELD CHARGEABLE AIR COMPRESSOR, 4500 PSI</td>
<td>28 x 27 x 16 in / 71 x 69 x 41 cm</td>
<td>127 lbs / 58 kg</td>
</tr>
</tbody>
</table>
ATLAS MONOPOLE TOWER KIT

PRODUCT DESCRIPTION

AJK-MAG-MONOPOLE

Atlas Pirate paddle monopole kit is a climb and second kit for gaining access to the monopole for use in congested urban and vehicle denied remote job sites. The kit contains all the tools needed to reach higher, accomplish tasks faster, and work safer. Atlas Pirate paddles allow for quick work positioning and repositioning during ascent of the monopole. Paired with the APA-5-U Atlas Powered Ascender, Utility Model, this kit allows you to anchor clean working ropes at height allowing fellow workers to ascend to height quicker while maintaining 100% attached OSHA compliance. AJK-MAG-MONOPOLE may be utilized in a wide variety of job task to include 1st man up, inspection and maintenance, rescue, construction and equipment haul.

APPLICATIONS

- Inspection and Maintenance
- Rescue
- Construction

SOLUTION BREAKDOWN

<table>
<thead>
<tr>
<th>PKG</th>
<th>AJK-MAG-MONOPOLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK-APA5-U</td>
<td>1 26 x 20 x 10 in/66 x 51 x 25 cm 52 lbs /24 kg</td>
</tr>
<tr>
<td>AK-ATLAS-APP</td>
<td>1 20 x 19 x 17 in/51 x 48 x 43 cm 25 lbs /11 kg</td>
</tr>
</tbody>
</table>

APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

- APA-5-U UTILITY POWERED ASCENDER, UTILITY MODEL (PN: APA-5-U)
- APA-5-U HIGH CAPACITY BATTERY (PN: APA-5-U-BATT-HC1)
- APA-5-U STANDARD BATTERY (PN: APA-5-U-BATT-STD)
- APA-5-U UTILITY POWERED ASCENDER CHARGER (PN: APA-5-U-CHG-BC3.2)
- APA-5-U STANDARD BATTERY (PN: APA-5-U-BATT-STD)

APA-5-U EDGE PROTECTION GUARD (PN: APA-5-U-BATT-EDGE-PRO)

APA-5-U HARD CASE (PN: APA-5-U-HDCASE)

APA-5-U Wire Remote (PN: APA-5-U-RMC)

APA-5-U Wireless Remote (PN: APA-5-U-RMCWL)

APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

APA-5-U UTILITY POWERED ASCENDER, UTILITY MODEL (PN: APA-5-U)

ATAK PIRATE PADDLE MAGNETIC CLIMBING/ANCHORING SYSTEM KIT COMPONENTS

ATAK PIRATE PADDLE MAGNETIC CLIMBING/ANCHORING SYSTEM (PN: APP)

ATAK PIRATE PADDLE MAGNETIC CLIMBING/ANCHORING SYSTEM (PN: APP)
PN: APA-5-U
WEIGHT: 14.8 lbs / 6.7 kg
DIMENSIONS: 10.7 x 5 x 10.5 in / 27.2 x 12.7 x 26.7 cm
WEIGHT W/ STD BATTERY: 22.1 lbs / 10 kg
DIMENSIONS W/ STD BATTERY: 10.7 x 5 x 14.5 in / 27.2 x 12.7 x 36.8 cm

**PRODUCT DESCRIPTION**

The Atlas Devices APA-5-U was born from similar needs as our tactical ascender, but tailored towards the standards of the Utility/Construction Industry. This powerful unit is capable of hauling men and equipment to high elevations with ease, and in addition, creates safer working conditions.

Please contact Atlas Devices for more information.

**FIT, FUNCTION**

**Ascender**
- Max direct lift capacity: 600 lbs / 272 kg
- Ascend/descend speed: Variable
- Intuitive power tool-like operation / Variable speed control

**Battery**
- Water-resistant interchangeable battery
- Additional battery specifications are located in the standard battery and high capacity battery sections

**Rope**
- Standard rope diameter: 9/16mm static kernmantle (10mm optimal)
- Clean rope technique plated top cover
- Integrates seamlessly with COTS climbing equipment

**Environmental**
- Water resistance: Suitable for use in wet environments
- Operating Temp Range: -10° F to +120° F / -23° C to +49° F
- Tested Range: Up to 500 kV

**Safety**
- Fully tensile load-rated housing
- Ergonomic safety interlock for operation
- Emergency auto-capture mechanical descent without battery
- Non-volatile battery if punctured by ballistic

**Options**
- Wired or wireless remote control
- Fastest/most multidiameter rope capability in single configuration
- Extended life battery

**CERTIFICATIONS**
- Meets relevant standards for Safe Use of Energized System
- NAVSEA 9310 Certified by US DoD
- Environmental MIL-STD 810F, MIL-STD 167
# APA-5-U KITS

**PN:** AK-APA5-U

**SYSTEM WEIGHT:** Reference Chart

**SYSTEM DIMENSIONS:** Reference Chart

**CHARGER WEIGHT:** 23.3 lbs / 10.6 kg

**CHARGER DIMENSIONS:** 14 x 18 x 9 in / 35.6 x 45.7 x 22.9 cm

The APA-5-U Series Kits have standardized based on user request. Each kit can be custom configured to meet a specific job type requirement. The AK- nomenclature denotes an Atlas Kit which includes all necessary components to operate the ascender (excluding user dependent rope and safety equipment).

### PRODUCT DESCRIPTION

### APA-5-U ASCENDER SERIES SYSTEM KIT

<table>
<thead>
<tr>
<th>PN</th>
<th>Description</th>
<th>Unit</th>
</tr>
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<tbody>
<tr>
<td>AK-APA5</td>
<td>APA-5-U ASCENDER</td>
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<tr>
<td>AK-APA5-WRM</td>
<td>APA-5-U WIRED REMOTE</td>
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<tr>
<td>AK-APA5-WRM</td>
<td>APA-5-U WIRED REMOTE AND RECEIVER</td>
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<tr>
<td>AK-APA5-CHG-BC3.2</td>
<td>APA-5-U STANDARD CHARGER</td>
<td>1</td>
</tr>
<tr>
<td>AK-APA5-TH</td>
<td>APA-5-U STANDARD BATTERY</td>
<td>1</td>
</tr>
<tr>
<td>AK-APA5-HC1</td>
<td>APA-5-U HIGH CAPACITY BATTERY</td>
<td>OPTIONAL</td>
</tr>
<tr>
<td>AK-APA5-EDGE-PRO</td>
<td>APA-5-U EDGE PROTECTION GUARD</td>
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<tr>
<td>AK-APA5-UTM</td>
<td>USER MANUAL &amp; QUICK REFERENCE GUIDE</td>
<td>1</td>
</tr>
</tbody>
</table>

| Ascender Weight w/ Battery (Minimum) | 22.1 lbs / 10 kg |

| System Weight Including Charger, Case, & Accessories | 46.4 lbs + Remote |

| System Dimensions | 26 x 20 x 10 in / 66 x 51 x 25 cm |

### APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

<table>
<thead>
<tr>
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<th>Description</th>
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<tr>
<td>AK-APA5-UTM</td>
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<td>AK-APA5-EDGE-PRO</td>
<td>APA-5-U EDGE PROTECTION GUARD</td>
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</table>

### APA-5-U WIRED REMOTE

**PN:** APA-5-U-RMC

**SOLD SEPARATELY**

### APA-5-U WIRELESS REMOTE AND RECEIVER

**PN:** APA-5-U-RMCWL

**SOLD SEPARATELY**

### APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

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### APA-5-U HARD CASE

**PN:** APA-5-U-HDCASE

**SOLD SEPARATELY**

### APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

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</table>

### APA-5-U IMPACT PROTECTION GUARD

**PN:** APA-5-U-IMPACT-GUARD

**NEW PRODUCT**

### APA-5-U CHARGER

**PN:** APA-5-U-CHG-BC3.2

**SOLD SEPARATELY**

### APA-5-U HARD CASE

**PN:** APA-5-U-HDCASE

**SOLD SEPARATELY**

### APA-5-U UTILITY POWERED ASCENDER KIT COMPONENTS

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### APA-5-U IMPACT PROTECTION GUARD

**PN:** APA-5-U-IMPACT-GUARD

**NEW PRODUCT**

### APA-5-U CHARGER

**PN:** APA-5-U-CHG-BC3.2

**SOLD SEPARATELY**

### APA-5-U HARD CASE

**PN:** APA-5-U-HDCASE

**SOLD SEPARATELY**
The REBS Launcher enables users to access high-up entry points by firing a dielectric projectile over a permanent fixture, pull 2 clean main and safety lines over, affix anchors and then ascend ropes fixed from that point. The Launcher is ideal for towers, mid-span, and vehicle denied areas.

The Launcher is powered with pressurized air, which facilitates low noise operation and enables easy reloading from ordinary diving bottles.

The grapnel hooks are built from high strength aluminum and titanium alloys and reach heights of 164 ft and horizontal distances of 328 ft. A climbing ladder can be launched as high as 82 ft.

The power of the launcher can be preset on the fly by adjusting the pressure using the pressure gauge. The Launcher can be used several times at various heights for each tank refill. The number of shots between refills depends on the pressure used for each shot.
The Compact Launcher is a high-performance pneumatic launcher that has been designed for use in maritime and urban environments. The Compact Launcher grants high reliability, reach, and versatility. Based on end user experience from the bigger REBS launcher and customer requests, the Compact Launcher with collapsible stock was designed. The system is very effective to use in many scenarios including diving, boat-based, and land-based climbing operations.

The Compact launcher is powered by pressured air and the 0.35 L bottle can be easily be refilled from a normal 300 bar / 4500 psi diving bottle. Lower pressure diving systems can also be used to charge the tank. Users can set the firing pressure on the fly depending on the height needed. A Compact rope container can be mounted on the barrel and fits 115 ft of 8 mm rope, or 53 ft of rope ladder. Multiple shots can be fired from a single bottle charge.

The Compact Launcher with spring-loaded folding arms will hook into any object such as wires, fences, railings, structural and natural features. It can be used to deploy a climbing rope, flexible ladder or a horizontal traverse line.

It is easy to maintain and has a long and robust service life with proper post operations care. The Compact Launcher leverages the 12+ years of operational service and learnings from its “big brother” the REBS Launcher. The Compact launcher is available in several kit options. A custom made transportation and storage box makes the Compact Launcher highly transportable and user friendly.

**ROPE CONTAINER SOLD SEPARATELY**
The newest edition to the Atlas Devices arsenal of tactical access solutions is the Atlas Devices Pirate Paddles. The Pirate Paddles feature a tactical “soft” set approach to switchable magnet climbing with the ease of built-in rest positions for extended reach.

The Pirate Paddles provide the range dictated only by the ability of the climber, while providing the simplistic ergonomics commonly associated with traditional aid climbing. Specializing in GOPLAT and VBSS operations, the Pirate Paddles can also provide reliable anchoring solutions for gaining access to would-be unreachable areas including overhangs.

**Product Breakdown**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK-APP</td>
<td>ATLAS PIRATE PADDLES (PAIR)</td>
<td>1</td>
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<tr>
<td>NK</td>
<td>APP HARD CASE</td>
<td>1</td>
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<tr>
<td>RX</td>
<td>ADJUSTABLE FOOT LANYARD WITH HARNESS SLING</td>
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<tr>
<td>IMX</td>
<td>APP MANUAL</td>
<td>1</td>
</tr>
</tbody>
</table>

**WARNING**

TRAINING REQUIRED BEFORE USE

**Product Description**

Safe Working Load (Per Magnet):

500 lbs / 226.8 kg *Surface Condition Dependent
PHONE: +1-617-415-1657

FAX: +1-617-395-7828

E-MAIL: OUTSIDE SALES@ATLAS DEVICES.COM

ADDRESS: 56 ROLAND ST. SUITE 114, BOSTON MA 02129

ATLAS DEVICES SOLUTIONS

TACTICAL

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