

MAXimum Distance.

MAXimum Safety.

MAXimum Performance.



TACTICAL

ResQmax™

the NEW Generation



"The Global Leader in intrinsically safe line-throwing equipment"



The Tactical ResQmax™ is a new generation line-throwing appliance specifically designed to deploy a line only, a grappling hook and climbing line, or a grappling hook and ascending ladder to an otherwise inaccessible point in both land-based and maritime environments without putting the operator at risk.

- Utilizing a patented* air-thrust technology, the ResQmax is non-pyrotechnic, re-usable, and re-fillable.
- Launcher Assembly housings are injection molded from polycarbonate, for high impact resistance.
- 3000 psi / 207 bar service pressure projectiles

▶ MAXimum Distance

The Tactical ResQmax is capable of deploying a standard line up to 328 feet / 100 meters with the standard projectile depending on the service pressure, weight of line and type of projectile used. Distances of over 400 feet / 120 meters can be achieved using customized line options.

▶ MAXimum Safety

- The safety mechanism is "always on," re-setting automatically when a projectile is inserted.
- The projectile's "Push-Click" engagement allows easy reloading, even in the dark.
- A pressure relief burst disk prevents unsafe pressure build-up that could result from exposure to extreme heat.

▶ MAXimum Performance

Multi-Shot Capacity. Our patented *nozzle-valve* permits any number of projectiles to be precharged and stored with the unit, allowing deployment of multiple projectiles in rapid succession.

▶ MAXimum Ease of Use

The ResQmax Filler System is equipped at each end with a "quick connect" for an easy and safe connection to the Projectile to be filled and to the compressed air source as well.

■ Line & Ladder Options

Any line type may be combined with any projectile option.

Part #	Description	Minimum Break Load		Weight per Length		Length	
		lbs	kg	lbs	kg	ft	m
801	7mm Nylon/Spectra Climbing Line	5780	2622	3.96	1.8	165	50
802	5.5mm Nylon/Spectra Climbing Line	3200	1194	2.60	1.2	328	100
735	40ft / 12m Ascending Ladder	7500	3400	5.2	2.35	40	12

★ Custom line options and ladder lengths to meet user requirements are also available.

▶ MAXimum Versatility

■ Line Projectile

The line projectile will deploy a variety of line only over a range of distances, depending on the service pressure and the type of line used.



■ Folding Stock

A 12 in / 30 cm folding stock is designed for greater accuracy of deployment and serves as a convenient carry handle in the collapsed position.



■ Quick Connect/Disconnect Fittings

Used to easily and quickly connect/disconnect the Streamline Filler Hose Assembly to/from the compressed air source. Different fittings are available for interface with each of DIN, SCBA, SCUBA.



The Global Leader
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equipment.

www.resqmax.com

Tactical ResQmax Kits are recommended basic configurations tailored for your intended use. Additional lines, projectiles, and accessories can be purchased separately. Custom Kit configurations are also available.

Tactical ResQmax Kits

Tactical ResQmax Climbing/Line Kit

Part #450

- 1 Black Launcher with Folding Stock
- 2 Line Projectiles with 2 spare Molded PVC Foam Projectile Covers - 3000 psi
- 1 5780lb test 7mm Black Climbing line (165ft / 50m) with Compact Line Container
- 1 3200lb test 5.5mm Black Climbing line (328ft / 100m) with Compact Line Container
- 1 Titanium Climbing Grappling Hook
- 1 Streamline Filler Hose (#911 SCBA, #912 SCUBA or #913 SCBA-DIN)
- 1 Cordura Kit Carry Bag - Black

Tactical ResQmax Climbing/Ascending Kit

Part #452

- 1 Black Launcher with Folding Stock
- 2 Line Projectiles with 2 spare Molded PVC Foam Projectile Covers - 3000 psi
- 1 5780lb test 7mm Black Climbing line (165ft / 50m) with Compact Line Container
- 1 Ascending Ladder - 40ft / 12m with Large Line Container
- 1 Titanium Climbing Grappling Hook
- 1 Streamline Filler Hose (#911 SCBA, #912 SCUBA or #913 SCBA-DIN)
- 1 Cordura Kit Carry Bag - Black

Tactical ResQmax Climbing/Line/Ascending Kit

Part #454

- 1 Black Launcher with Folding Stock
- 2 Line Projectiles with 2 spare Molded PVC Foam Projectile Covers - 3000 psi
- 1 5780lb test 7mm Black Climbing line (165ft / 50m) with Compact Line Container
- 1 3200lb test 5.5mm Black Climbing line (328ft / 100m) with Compact Line Container
- 1 Ascending Ladder - 40ft / 12m with Large Line Container
- 1 Titanium Climbing Grappling Hook
- 1 Streamline Filler Hose (#911 SCBA, #912 SCUBA or #913 SCBA-DIN)
- 1 Cordura Kit Carry Bag - Black

Tactical ResQmax Marine Ascending Kit

Part #456

- 1 Black Launcher with Folding Stock
- 2 Line Projectiles with 2 spare Molded PVC Foam Projectile Covers - 3000 psi
- 1 5780lb test 7mm Black Climbing line (165ft / 50m) with Compact Line Container
- 1 Ascending Ladder - 40ft / 12m with Large Line Container
- 1 Titanium Climbing Grappling Hook
- 1 Streamline Filler Hose (#911 SCBA, #912 SCUBA or #913 SCBA-DIN)
- 1 Pelican Transport / Storage Case - Black - Rail Mountable

* US Patents #5,690,524; RE36,965 of 5,584,736; and other Patents Pending.



■ Climbing Grappling Hook

A fixed hook with three non-barbed tines is fabricated from titanium. Closed-cell elastomeric nitrile rubber cladding (not shown for clarity) is included -- to reduce signature noise. This hook is certified for climbing.



■ Ascending Ladder

Lightweight and durable! Constructed of nylon webbing with injection molded elastomer rungs at 12 in / 30 cm o.c., this ladder is available in 40 ft / 12 m lengths that can be fully deployed vertically. Side members have a combined breaking strength of 7,500 lbs / 3,400 kg.

★ Custom lengths are available upon request

■ Cordura Kit Carry Bag

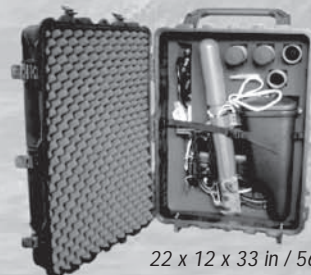
Cordura fabric carry bag is designed for durability and convenience. Features two external and one internal zippered storage pockets and a reinforced water-resistant vinyl bottom.

12 x 18 x 27 in / 30 x 46 x 69 cm



■ "Pelican" Transport/Storage Case

An unbreakable, watertight, dustproof, chemical resistant and corrosion proof transport/storage case made of Ultra Impact structural copolymer.



22 x 12 x 33 in / 56 x 30 x 84 cm

Technical Specifications

	303 Stainless Steel	18-8 Stainless Steel	316 Stainless Steel	440C Stainless Steel	6061-T6 heat-treated aluminum	Poly- carbonate	Poly- ethylene (HDPE)	Titanium
Launcher								
Mechanism Body	<input type="checkbox"/>							
Quick Release Bearings				<input type="checkbox"/>				
Internal Springs		<input type="checkbox"/>						
Safety Mechanism	<input type="checkbox"/>							
Valve Key Mechanism	<input type="checkbox"/>							
Launcher Trigger	<input type="checkbox"/>							
Bleed Screw Body		<input type="checkbox"/>						
Cast-In Inserts & Fasteners		<input type="checkbox"/>						
Pressure Gauge			<input type="checkbox"/>					
Launcher Barrel						<input type="checkbox"/>		
Launcher Handle						<input type="checkbox"/>		
Line Container								
Line Container							<input type="checkbox"/>	
Cast-In Inserts & Fasteners		<input type="checkbox"/>						
Folding Stock								
Stock Body						<input type="checkbox"/>		
Cast-In Inserts & Fasteners		<input type="checkbox"/>						
Locking Slide	<input type="checkbox"/>							
Projectiles								
Projectile Cylinder					<input type="checkbox"/>			
Projectile Nozzle			<input type="checkbox"/>					
Nozzle Protector						<input type="checkbox"/>		
Grappling Hook								
Climbing Grappling Hook								<input type="checkbox"/>

Pressure Gauges -- Dual Scale - Metric & Imperial Units -- Luminescent at short range

Filler Hose -- SAE 517 standard 108R Pressure Hose with 5,000psi service/20,000 psi burst

Climbing Grappling Hook -- Design Rating - Ultimate Strength of 2,200 lbs / 1,000 kg, Recommended Loads not to exceed 730 lbs / 330 kg

Performance

Testing under varying conditions shows conservative distance achieved, below.

Conservative Distances

Part #	Description	HORIZONTAL		VERTICAL	
		with line projectile		with Climbing Grappling Hook	
		ft	m	ft	m
801	7mm Nylon/Spectra Climbing Line	190	55	80	25
802	5.5mm Nylon/Spectra Climbing Line	250	75	110	33
735	40ft / 12m Ascending Ladder			40	12

All Data based on 3,000psi / 207bar pressure unless noted otherwise

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