

# **POWER HAWK**RESCUE SYSTEMS

On The Job Around The World



This All-Electric (no hydraulics) "jaws" type rescue tool utilizes Curtiss-Wright aerospace gear technology developed for demanding military fighter-jet flight control applications. By eliminating hydraulics completely and utilizing 12 Volts DC power, the VERSATILITY of the POWER HAWK makes it the perfect choice for:

- Vehicle extrication
- Damage Control
- Aircraft rescues
- Rapid-Intervention Teams
- Collapse rescues
- Remote rescues
- Indoor and confined space operations
- Forcible entry
- Special operations

#### Features:

- NO Hydraulics
- Lightweight & Portable
- Rapid Response/No Setup
- Runs in O2 Depleted Atmosphere
- Quiet Operation
- Long-lasting Battery
- Low Maintenance
- Interchangeable Spreaders and Cutters
- Compact/Saves Compartment Space
- 12 Volts DC Power/Back-up readily available
- Simultaneously run accessories such as the Milwaukee Sawzall®,RamFan blower, lights, winches, and more.







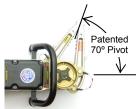


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# **POWER HAWK® P-16 RESCUE SYSTEM SPECIFICATIONS:**

NOTE: COLOR SCHEMES OF SOME ITEMS MAY VARY





#### P-16 Rescue Tool

Powerhead Output Torque 72,000 in-lbs (8135 N-m) Input / Output Ratio 5958:1

Powerhead Articulation Angle 70°

Attachment Pins: High-strength steel, ball-detent 220 Amps

Motor Inrush Current Motor Current @ No Load Motor Current @ Max. Load Pigtail Cable Length

155 Amps 12" (305 mm)

23 Amps

With No Attachments

Weight 32 lbs (14.5 kg)

Envelope (LxWxH) 17" x 10" x 12" (432 x 254 x 305 mm<sup>3</sup>)

With S-1601 Spreaders Attached

Spreading Force (1" from tip) 8,000 to 11,000 lbs

(35.6 - 48.9 kN)

Spreading Force (At back of arm) 17,530 to 45,240 lbs

(78.0 - 201.2 kN)

Weight 41 lbs (18.6 kg) Envelope (LxWxH)

25" x 10" x 12" (635 x 254 x 305 mm<sup>3</sup>)

Opening Distance 14" (356 mm)



With C-1601 Curved Cutter Attached

Cutting Force (at blade center) 30,000+ lbs (133.4 kN)

Weight 44 lbs (19.9 kg) Envelope (LxWxH) 24" x 10" x 12"

(610 x 254 x 305 mm<sup>3</sup>)

Opening Distance 5" (127 mm)

#### With CS-1602 Straight Cutter Attached

Cutting Force (at notch) 45,000+ lbs (200 kN) 21,000+ lbs (93.4 kN) Cutting Force (at blade center)

Spreading Force 10,000 to 18,000 lbs

(44.5 - 80.1 kN)47.5 lbs (21.5 kg) Weight Envelope (LxWxH)

27" x 10" x 12" (686 x 254 x 305 mm<sup>3</sup>)

Opening Distance 10" (254 mm)



### PC-100 Controller Unit



Power Input 12 Volts DC Sealed Case Weight 5.6 lbs (2.5 kg) Envelope (LxWxH) 11" x 4.5" x 7.5" (279 x 114 x 190 mm<sup>3</sup>)

# **CA-4M Power Cable Assembly**

Cable Length 13 ft (4 m) Weight 6.8 lbs (3.1 kg)





Battery Type **Battery Capacity** Case Charge Indicator

Power Connectors Weight:

Envelope (LxWxH)



12 V, Valve-Reg., Sealed Lead-Acid

33 Ampere Hour Fully Vented

5 LEDs with test button 2 high amp, 1 low amp 33 lbs (15.0 kg)

12" x 6.5" x 15.5" (305 x 178 x 368 mm<sup>3</sup>)

# POWER PUSHER® Rams & Extensions

# P-40 Power Pusher Ram

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Fully Extended Length: 41 in. (104.1 cm) Fully Retracted length: 23 in. (58.4 cm) Stroke Length: 12 in. (30.5 cm) Adjustment Length: 6 in. (15.2 cm) Housing Slot Width: 2.25 in (5.7 cm) 36 lbs. (16.3 kg) Weight:

# P-25 Power Pusher Ram

Fully Extended Length: 27 in. (68.6 cm) Fully Retracted length: 16 in. (40.6 cm) Stroke Length: 5 in. (12.7 cm) Adjustment Length: 6 in. (15.2 cm) Housing Slot Width: 2.25 in (5.7 cm) Weight: 27 lbs. (12.2 kg)

# E-24 Ram Extension

Lenath 24 in. (61.0 cm) Weight with handle 15 lbs (6.8 kg)

#### E-48 Ram Extension

Lenath 48 in. (121.9 cm) Weight with handle 30 lbs (13.6 kg)

# 2C0516-1 Ram Coupling

Connects Power Pushers and Extensions. Weight: 6 lbs (2.7 kg)

## 2C0551-1 Swivel Base Set



Attach to Rams/Extensions for angled operations. Weight: 13 lbs (5.9 kg)

## Saw Extrication Kits

SZA-1015 Kit includes Milwaukee Cordless Sawzall. Power Adapter. 16 Ft. Power Cable, 5 Torch Blades, 1 Ax Blade, Contractors Bag. Weight: 18 lbs. (8.2 kg)

SZK-2000 Kit adds Milwaukee 6.5" Circular Saw, Metal Cutting Blade and Power Adapter. Weight: 25 lbs (11.3 kg)



# JC4-16 Jumper Cables

16 Ft. 4 Ga. Red connector one end, Heavy-duty clamps other end.

#### **EC4-16 Extension Cable** 16 Ft. 4 Ga. Red connector both ends

**BKPK-100 Back Pack** Back pack for Power Pack. Weight: 5 lbs. (2.3 kg)

#### LB-1204 Flood Light 50 Watts, 3.9 Amps, 4" Dia.

Halogen bulb. On/Off switch.



# **BC-U1 Battery Charger**

Max. Output Current 4 A ± 5% Max. Output Voltage Weight Envelope (LxWxH)

Input Voltage & Freg. 90-230 V AC, 50-60 Hz  $14.8 \pm .20 \ V \ DC$ 2.4 lbs (1.1 kg) 6.8" x 4.2" x 2" (172 x 107 x 51 mm<sup>3</sup>)



