



POWER HAWK® P-16 Rescue System

Extremely powerful and uniquely versatile, the Power Hawk Rescue System is unlike any other rescue tool in 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 • Crash & Salvage • Damage Control • Rapid-Intervention Teams
- Collapse rescues • Remote rescues • Indoor and confined space operations • Forcible entry
- Special operations and more.

TH-1 TOMAHAWK KIT



Note: Color schemes of some components may vary.

TH-1 Kit includes:

P-16	Rescue Tool
AP-1600	Attachment Pins
S-1601	Spreader Arms
CS-1602	Power Blade
CA-4M	Power Cable
PC-100	Controller Unit
PWR-3X12	Power Pack
BC-U1	Battery Charger
JC4-16	Jumper Cables, 16 Ft.
P-40	Power Pusher Ram – 40"

POWER HAWK® P-16 RESCUE SYSTEM SPECIFICATIONS:

NOTE: COLOR SCHEMES OF SOME ITEMS MAY VARY

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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
Motor Inrush Current	220 Amps
Motor Current @ No Load	23 Amps
Motor Current @ Max. Load	155 Amps
Pigtail Cable Length	12" (305 mm)



With No Attachments

Weight	32 lbs (14.5 kg)
Envelope (LxWxH)	17" x 10" x 12" (432 x 254 x 305 mm ³)

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 ³)
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 ³)
Opening Distance	5" (127 mm)

With CS-1602 Straight Cutter Attached

Cutting Force (at notch)	45,000+ lbs (200 kN)
Cutting Force (at blade center)	21,000+ lbs (93.4 kN)
Spreading Force	10,000 to 18,000 lbs (44.5 – 80.1 kN)
Weight	47.5 lbs (21.5 kg)
Envelope (LxWxH)	27" x 10" x 12" (686 x 254 x 305 mm ³)
Opening Distance	10" (254 mm)



PC-100 Controller Unit



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

CA-4M Power Cable Assembly

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



PWR-3X12 Power Pack



Battery Type	12 V, Valve-Reg., Sealed Lead-Acid
Battery Capacity	33 Ampere Hour
Case	Fully Vented
Charge Indicator	5 LEDs with test button
Power Connectors	2 high amp, 1 low amp
Weight:	33 lbs (15.0 kg)
Envelope (LxWxH)	12" x 6.5" x 15.5" (305 x 178 x 368 mm ³)

POWER PUSHER® Rams & Extensions



P-40 Power Pusher Ram

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)
Weight:	36 lbs. (16.3 kg)

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

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

E-48 Ram Extension

Length	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)

SKZ-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



Input Voltage & Freq.	90-230 V AC, 50-60 Hz
Max. Output Current	4 A ± 5%
Max. Output Voltage	14.8 ± .20 V DC
Weight	2.4 lbs (1.1 kg)
Envelope (LxWxH)	6.8" x 4.2" x 2" (172 x 107 x 51 mm ³)