

**HUCK**

®

# Product Bulletin



## MARKET RELEASE MODEL 942 POWERIG® HYDRAULIC UNIT

The Huck Model 942 POWERIG® Hydraulic Unit is a lightweight-portable power source designed to operate Huck Hydraulic Installation Tools. It is air powered and air actuated.

The unit consists of two air motors and pumps, a four-way control valve, relief valves, vent and filler-dipstick mounted on a reservoir. A polyethylene hood with carrying handle is easily removed for servicing. Quick disconnect hydraulic couplings and an air control socket are included to attach the equipment hydraulic hoses and air control tube. The air inlet port is 1/4-18 female pipe threads to accept the user's quick disconnect air hose fitting.

Huck Installation Tools powered by the Model 942 POWERIG Unit are identified by the prefix A as follows:

### Tools with Handles and built-in Air Trigger

A2702  
A4801  
A4802  
A4803  
A5901

### Tools with auxiliary Air Trigger

A206	A611-1
A207	A612-1
A208	A1384
A609-1	A2384
A610-1	

(See other side of this sheet for complete SPECIFICATIONS)

DATE 6-30-80

**SPECIFICATIONS  
FOR  
MODEL 942 POWERIG® HYDRAULIC UNIT**

Width . . . . .	8.0 inches	203.0 mm
Length . . . . .	12.0 inches	305.0 mm
Height . . . . .	13.25 inches	337.0 mm
Weight (without hyd. fluid)	21.0 pounds	9.5 kg
Reservoir Capacity . . . . .	90 cu in	0.0015 m <sup>3</sup>
Power source - compressed air	90-100 psi	620-690 kPa
Air Consumption (continuous operation):		
20 CFM @ . . . . .		4000 psi
0.009 m <sup>3</sup> /s @ . . . . .		27600 kPa

Remote Control—Air piloted 4 - way valve actuated by a trigger in the tool.

Motor . . . . . Twin Air Motors

Pump—2-stage, Rapid Advance and Swage—40 cu. in./min. @ 5000 psi (.00065 m<sup>3</sup> @ 34480 kPa)

Output Pressure:

    Pull (max.) . . . . . 8400 psi . . . . . 57900 kPa

    Return (max.) . . . . . 3500 psi . . . . . 24100 kPa

Shipped with Pull pressure at 5400-5700 psi (37200-39300 kPa) and Return pressure at 2200-2400 psi (15200-16500 kPa).

Operating Temperature:

    Ambient . . . . . min. 0°F . . . . . -18°C

    Hydraulic Fluid . . . . . max. 150°F . . . . . 65°C

Hydraulic Fluid-Automatic Transmission Fluid (Dexron II or equivalent-SUS 185 @ 100°F and SUS 50 @ 210°F).

A Dolly for the 942 units is available as Part No. 113182.

**NOTICE**

For use in mines, order M942 POWERIG® Hydraulic Unit. This unit does not have aluminum components and weighs 32 pounds (14.5 kg).