WERNER

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High Pressure Jetting Pump (2800 Bar)





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Ultra-High Pressure • Mobile Design • Industrial Durability

The Werner Trolley-Mounted High Pressure Unit (2 800 Bar) is a compact, extremely powerful ultra-high-pressure cleaning system engineered for industrial, mining, marine, construction and heavy maintenance applications. Purpose-built on a portable trolley frame, the unit offers exceptional manoeuvrability while delivering 18 L/min at 2 800 bar, making it ideal for operators requiring true UHP performance in confined, indoor or workshop-based environments.

Designed and manufactured in South Africa, this system reflects Werner's ong-standing commitment to precision engineering, reliability, and high-pressure safety.

Frame Construction

- Dimensions: 1 900 mm (L) × 1 530 mm (H)
- Heavy-duty trolley-mounted frame for easy manoeuvrability and workshop mobility
- Protective steel enclosure with open sides for cooling and service access
- Industrial-grade wheels for stable rolling on concrete and uneven surfaces
- Designed for compact storage and rapid deployment

Power System

- 75 kW, 380 V Electric Motor (three-phase)
- Direct-drive configuration for power efficiency
- Designed for continuous-duty operation in industrial environments
- Suitable for indoor facilities where diesel engines cannot be used

High Pressure System

- Werner KD-716P15 Ultra-High-Pressure Jetting Pump
  - Flow Rate: 18 L/min
  - Operating Pressure: 2 800 bar, fully adjustable
  - Pump Type: Triplex plunger, high-efficiency UHP design
  - Cooling & Lubrication: Industrial-grade oil cooling
  - Pressure Seal System: Engineered for long service intervals under UHP conditions
- Inlet Water Protection
  - Fine-mesh in-line water filter to protect pump internals
  - Booster pump ensures adequate inlet pressure at all times
- Pressure Regulation
  - Pneumatic pressure regulator with remote control for precise pressure adjustment
  - Enables operator to work at distance from the pump, improving safety
  - Maintains stable outlet pressure throughout operation

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Controls

- Star-Delta Control Panel for soft starting and motor protection
- Integrated safety devices for overload, phase loss, and emergency shutdown
- Operator-friendly layout with clear, durable labels
- Remote pressure adjustment via pneumatic regulator

Applications

- This trolley-mounted UHP unit is designed for:
  - Pressure Washing
  - Water Sandblasting (abrasive cleaning with water-based media)
  - Drain Blasting
  - Surface preparation and concrete cleaning
  - Industrial descaling
  - Paint and coating removal
  - Marine hull cleaning
  - Mining and plant cleaning operations

Operational Benefits

- Ultra-High Pressure Performance
  - 2 800 bar capability enables removal of the most stubborn coatings, scale, and industrial deposits.

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- Portable and Manoeuvrable
  - Trolley-mounted design allows easy movement around workshops, plants, shipyards, tunnels, and indoor facilities.
- Low-Noise, Zero-Emission Electric Drive
  - Perfect for enclosed environments where diesel systems are impractical.
- Operator Safety
  - Remote-controlled pneumatic pressure regulation
  - Industrial-grade Star Delta starter
  - Full protective cage frame
  - High-stability four-wheel chassis
- Werner Quality
  - World-class engineering
  - Local parts and service
  - ISO 9001 & 14001 certified processes

Get in touch

For all your high-pressure jetting equipment needs, contact Werner South Africa Pumps & Equipment (Pty) Ltd to experience unmatched product quality, technical support, and after-sales service.

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SHEQ NATIONAL CERT
Certified: ISO 9001 · ISO 14001

100% SA BUILT

Managing Director:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

Sebastian Werner

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: sebastian@wernerpumps.com
Website: www.wernerpumps.com

Managing Director

Sales Manager:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

George Jolly

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Cell: +27 (0) 79 898 6942
Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: george@wernerpumps.com
Website: www.wernerpumps.com

Sales Manager

Service Manager:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

Wouter Swanepoel

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Cell: +27 (0) 82 556 8021
Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: wouter@wernerpumps.com
Website: www.wernerpumps.com

Service Manager