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Werner Earl 600-164/100



Established 88

All details at a glance

Compact Power • Mobile Design • Reliable Performance

The Werner Earl 4-Cylinder Trailer Unit (Model 600–164/100) is a compact, high-pressure cleaning system designed for exceptional performance and mobility. Engineered for municipal, construction, and industrial applications, this unit provides powerful jetting capabilities in a lightweight and road-legal trailer configuration.
Built to perform. Built to last.
Proudly 100 % South African Built.

Every Werner Trailer Unit is designed for operator convenience, durability, and safety.
The Earl 600–164/100 combines efficient system layout with premium components to deliver maximum uptime and minimal maintenance.
Highlighted Features:

- Heavy-Duty Service Water Tank – polyurethane and long-lasting
- Side-Mounted Control Panel – intuitive and easily accessible layout
- Heavy-Duty Filter – ensures clean water supply to pump system
- Lockable Toolboxes – secure storage for hoses and accessories
- Small Side-Mounted Hose Reel – perfect for handheld jetting tasks
- High-Visibility Water-Level Hose – easy monitoring of tank volume
- Robust Hose Guide – improves hose handling and reduces wear

Compact, efficient, and field-ready — the Werner Earl Trailer Unit is a mobile powerhouse.









Technical Specifications and Equipment

4- Cylinder Trailer (see Fig. 1 and 2)

Tank Volume (L): ± 600

Payload (Kg): ± 600

Dimensions (L x B x H): 4093 x 2005 x 1977

Trailer

- High-speed trailer built to road ordinance standards, registered on E-Natis
- Equipped with overrun and park brakes for safety
- Retractable heavy duty jockey wheel
- Stabiliser legs for secure on-site operation
- Ball-type tow hitch for quick coupling and towing stability

Tank

- Horizontal polyurethane tank 600 L or 900 L
- 2-inch inline filter, 360-micron (50-mesh insert)
- Dual 10-bar gauges for filter cleanliness monitoring

High Pressure System

- Werner piston-plunger high-pressure pump
- Flow rate: 164 L/min @ 100 bar or 80 L/min @ 200 bar (fully adjustable)
- Pressure range: 0–200 bar (adjustable to 250 bar via pressure regulator)
- Operates efficiently between 200–1 000 rpm
- Pump capacity: 5 000–20 000 kPa
- Designed for heavy-duty sewer, drain, and industrial jetting applications

Pressure Regulator

- Manual pressure adjustment from 0 to 250 bar
- Integrated bypass valve for safe operation and flow control
- Compact yet capable, the Earl trailer offers the perfect balance of mobility and jetting power.

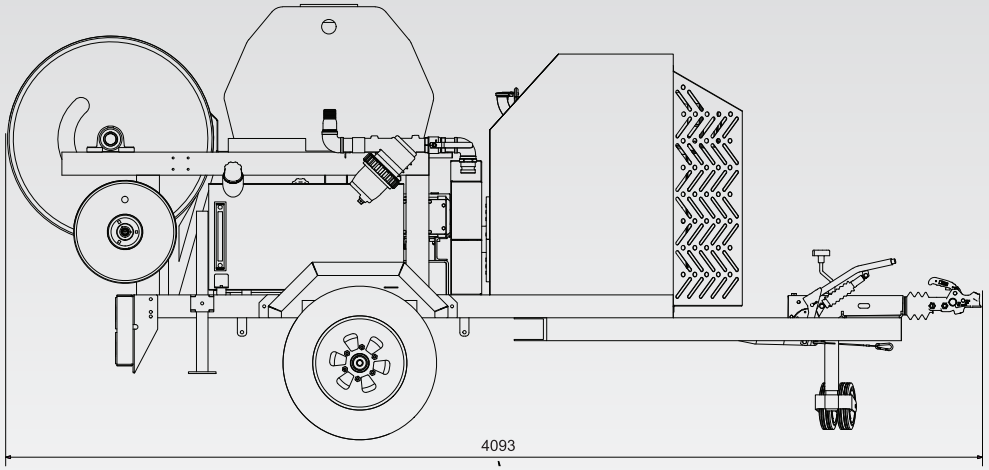


Fig. 1

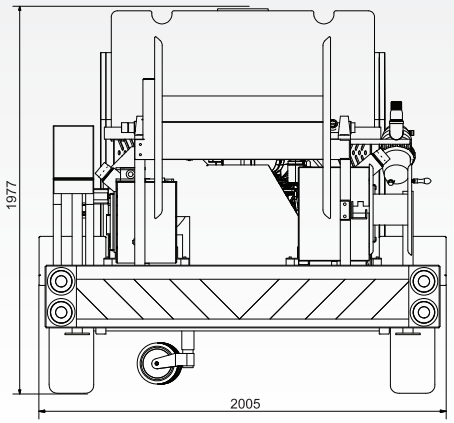


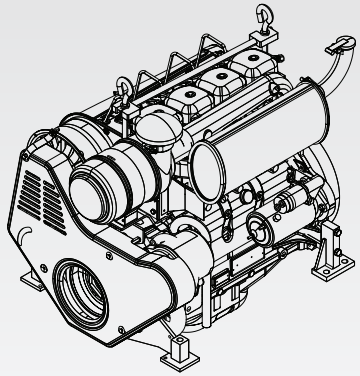
Fig. 2

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Technical Specifications and Equipment

Engine

- 4-cylinder air-cooled diesel engine
- Power output: 45 kW
- Operating range: 1 000–2 300 rpm
- Electric key start for ease of use
- Integrated fuel tank
- Oil pressure and battery charge indicators
- Automatic safety shutdown for high temperature or low oil conditions



Drive

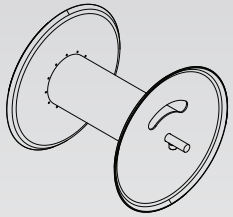
- Pulley-driven system with protective guard
- Simplified drive mechanism for low maintenance and long service life

Main Hydraulic Hose Reel

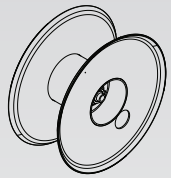
- Capacity: 150 m
- Fitted with 120 m × 1-inch lightweight hose
- Fully adjustable and hydraulically driven

Secondary Hose Reel

- 30 m × ⅜-inch rubber hose
- Includes high-pressure jetting gun and fan nozzle



Main Hose Reel



Secondary Hose Reel

Control System

- Mounted on rear left-hand side, adjacent to main hose reel
- Ø 60 mm hour meter
- 250-bar glycerine-filled pressure gauge (pump mounted)
- Speed control cable
- Emergency stop switch

Safety Pressure Gauge

- 250-bar glycerine-filled gauge
- 80 mm dial for accurate real-time pressure readings

Sewer Cleaning Hose

- 120 m long, 1” light weight plastic hose

Nozzles

- Bullet-type nozzle
- Grenade-Bomb nozzle
- Pointed nozzle
- All nozzles are ENZ Swiss-engineered and precision-matched for Werner jetting systems.

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EQUIPMENT & ACCESSORIES

Nozzles & Hoses

Werner Pumps supplies a full range of high-performance accessories designed to complement the Earl 4 Cylinder Trailer Unit and enhance overall efficiency.

Product Range Includes:

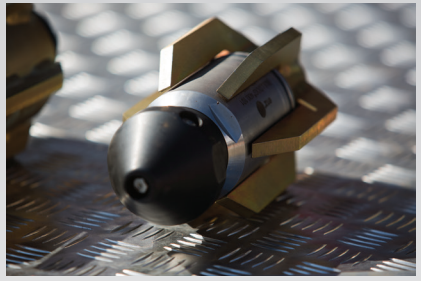
- ENZ Swiss-engineered jetting nozzles for precision cleaning
- Rotary and fixed nozzles for varying pipe diameters
- Specialised cutter and root removal heads
- Vacuum hoses, suction lines, and discharge couplings
- High-pressure hoses with reinforced protection layers
- Quick-release couplings and fittings

All accessories are rigorously tested for durability, safety, and compatibility with Werner high-pressure systems.





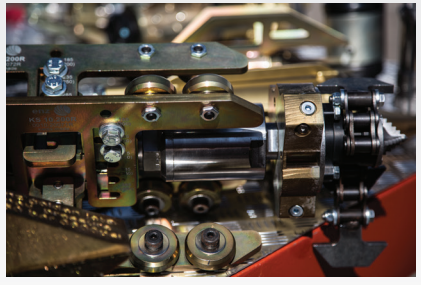




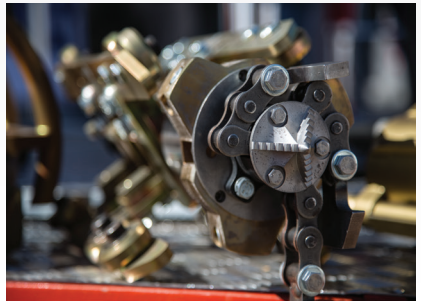














Get in touch

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For professional high-pressure trailer-mounted jetting systems, contact Werner South Africa Pumps & Equipment (Pty) Ltd today. Experience precision engineering, reliable service, and South African-built quality designed for the continent's toughest conditions.

SHEQ NATIONAL CERT
Certified: ISO 9001 · ISO 14001

100% SA BUILT

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