

# THOROUGHCLEAN

WATER BLASTERS *Over-engineered — On purpose*

# D24M-50H-TD

## PRESSURE CLEANER

Diesel Driven - 24HP - MINE SPECIFICATION - 5000 PSI MPP - **Hot Water**

**5000 PSI**

Max Pump Pressure

**4500 - 5000 PSI**

Setup Pressure

**KOHLER**



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**Heavy Duty - DIESEL - Hot Water - 5000 PSI, 21 LPM**

Heavy Duty Water Blasters - Portable, Skid, Trailer & Wash Bay Units

# 24HP Heavy Duty Mine Spec, 2000L Poly Tank Trailer Mounted **DIESEL PRESSURE CLEANER**

The ideal trailer mounted water blaster that demands high pressure and/or flow in a rugged, tough and over-engineered machine, that will outlast any other water blaster!

**MAX PUMP PSI** 5000 PSI  
**STANDARD SETUP PSI** 4500 - 5000 PSI  
**FLOW/MINUTE** 21 LPM

**POWERED BY** 24 HP KOHLER Diesel Engine  
**SIZE** 470 x 187 x 200 cm  
**WEIGHT** ~1,500 kg

## POWER SOURCE

- Italian made 24 HP KOHLER Air Cooled Diesel Engine.
- Push-button electric start
- Exhaust spark arrestor - AS certified.
- Wired to shut down on low tank water level - preventing pump from cavitating and running dry.
- Close coupled direct drive via 2:1 gearbox.

## DELIVERY

- Heavy duty glycerine-filled pressure gauge rated to 10,000 PSI.
- Heavy duty galvanized hose reel (Lockable during travel).

### 30m R2 thick wall 3/8" HP Hose:

- Rated to 5000 PSI.
- 4x burst rating.
- Hose end sleeved for operator protection.

### Italian made dry gun with:

- 900mm insulated stainless steel lance.
- Stainless steel fan nozzle.

## PUMP

- **HAWK** PXi2135 Triplex Pump rated at 5000 PSI max @ 21 LPM.
- The pump is de-rated\*\* to 4500 - 5000 PSI to prolong pump life.
- Ceramic sleeved, stainless steel piston plunger rods and brass pump head.
- Slave oil tank - tripling the oil supply to the pump.

## FRAME

- Heavy duty 4x4 style, fully hot dipped galvanised trailer.
- Land Cruiser style wheels on dual 2.6-ton axles with spare wheel.
- Electric disk brakes with automatic break-away system and with manual hand brake.
- LED side clearance lights.
- Engine is vibration mounted on separate sub-frame.
- Stainless steel control box with hour meter & E-stop.

## BY-PASS VALVE

- Italian made VB60 ZERO stainless steel. Zero PSI stored downstream when in by-pass - protects hose/gun assembly.
- Soft-acting gun protects against pressure spikes and saves seals.

## BOILER / BURNER

- Vertical boiler with 1/2" mild steel coils, set to 70°C.
- Stainless steel fuel tank to boiler (23 litres).

## SUPPLY

- Water supply is from onboard 2000L water tank, dual water intake with dual water filters to protect the pump from water debris.
- Tank with float switch to shut motor down on low water supply - protects pump against cavitation & dry running - extending pump life.

## MINE SPEC FEATURES

- Emergency-stop.
- Exhaust spark arrestor.
- Engine drip tray.
- 2kg Fire extinguisher.
- High Vis tape all round.
- Painted draw bar.
- Wheel nut indicators.
- Wheel chocks mounted.
- Lockable battery isolator.
- Starter motor isolator.
- Covered battery terminals.
- Double wire insulation.
- Anderson type jump-start receptacle.

\*\*Derating (or de-rating or de-tuning) is the operation of a machine at less than its rated maximum power in order to prolong its life. The term is commonly applied to [electrical](#) and [electronic devices](#) and to [internal combustion engines](#)

## ANALYSIS - DESIGN - CONSTRUCTION - ACCESSORIES

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