

THOROUGHCLEAN
WATER BLASTERS *Over-engineered — On purpose*

D24M-43H-SKID

PRESSURE CLEANER

Diesel Driven - 24HP - MINE SPECIFICATION - 4350 PSI MPP - **Hot Water**

4350 PSI

Max Pump Pressure
3000 - 3600 PSI
Setup Pressure

PERKINS



**SUPER
HEAVY
DUTY**

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Heavy Duty - DIESEL - Hot Water - 4350 PSI, 22 LPM

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

24HP Heavy Duty Mine Spec, Skid Mounted DIESEL PRESSURE CLEANER

The ideal skid 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! **DESIGNED FOR 24/7 USE!**

MAX PUMP PSI 4350 PSI
STANDARD SETUP PSI 3000 - 3600 PSI
FLOW/MINUTE 22 LPM

POWERED BY 24 HP Class PERKINS Diesel Engine
SIZE 120 x 120 x 140 cm
WEIGHT ~720 kg

POWER SOURCE

- 24 HP PERKINS Water 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.

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** XLT2230 Triplex Pump rated at 4350 PSI max @ 22 LPM.
- The pump is de-rated** to 3000 - 3600 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

- Fully hot dipped galvanised steel frame.
- Engine is vibration mounted on separate sub-frame.
- Stainless steel control box with hour meter & E-stop.
- Forkliftable via built-in skids, or via four AS certified D-shackle lifting lugs.

BY-PASS VALVE

- Worlds best soft acting low to high PSI K1 by-pass valve. Zero PSI stored downstream when in by-pass - protects hose/gun assembly.
- Soft-acting gun protects against pressure spikes and saves seals.

BOILER / BURNER

- Super heavy duty horizontal boiler with 1/2" mild steel coils, set to 70°C.
- 90 litre (12-hr) galvanised fuel tank to engine and boiler.
- Oversized CAV296 fuel filter.

SUPPLY

- Water supply is via an over-sized industrial water filter to protect the pump from water line debris.
- Stainless steel water break tank with float switch to shut motor down on low water supply - protects pump against cavitation & dry running - extending pump life.

AUTOMATIC ENGINE SHUT-DOWNS:

- Low water supply.
- Low oil to pump.
- Pump oil over temp.
- Low fuel.

MINE SPEC FEATURES

- Emergency-stop.
- Exhaust spark arrestor.
- Lockable battery isolator.
- Covered battery terminals.
- Double wire insulation.

**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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