



55M Ultra High Pressure Pump Unit

WOMA's 55M pump unit is a specifically designed compact and robust Ultra High pressure solution for all your limited access sites suitable for applications in a wide range of industries.

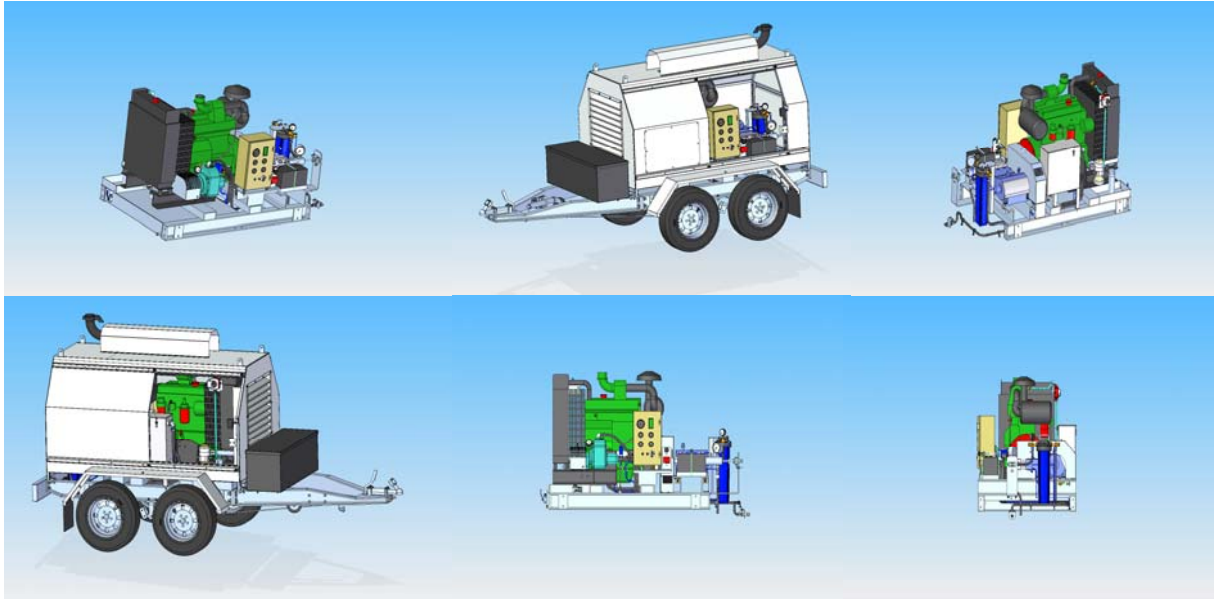
Main Features

- WOMA 55M pump coupled (belt driven) to a John Deere 4 cylinder diesel Industrial Open Power Unit (IOPU), complete with radiator/pusher fan, mechanical throttle control, muffler, and air cleaner all mounted on a mild steel painted skid
- Low pressure boost pump
- Single 5 micron pleated cartridge filter and housing
- Stainless Steel header tank (approx 20 litres) with inlet float valve rated to 10Bar, high temperature and low level switch control interlocks
- Electrical control panel with Emergency Stop Pushbutton & Remote Emergency Stop Socket
- Integral fuel tank in base, 110 lts capacity
- Lock Out Tag Out (LOTO) Isolator on battery
- 12 Volt electrical circuit
- "Racor" Fuel prefilter
- Wet dump gun operation
- Operation & maintenance manual documentation

Options Available

- Skid mounted for easy installation onto your own truck or trailer
- Trailer Assembly complete with;
 - Easily removable canopy
 - Dual Axle
 - Mechanical over-ride brakes with park brake
 - Fully wired up with LED lights
 - Road registerable
 - 50mm tow ball type connection
 - Spare wheel and holder
 - Tool box fitted to front of trailer
 - Sliding doors on both sides
- Murphy type coolant level gauge
- Engine coolant reservoir tank
- Work lights inside canopy
- Emergency Stop pendant





Specifications and General Information:

Mass ;	Base Unit	1250 kg (dry)
	Trailer Unit	1770 kg (dry)
Skid Footprint (dimensions)		2060mm long x 1150mm wide x 1600mm high
Trailer Footprint (dimensions)		3780mm long x 1710mm wide x 2060mm High
Diesel tank capacity		110 Litres

Pump Technical Data:

Nominal Flow Rate	Q = 11.2 Litres/ Minute
Operating Pressure Maximum	p = 2500 Bar / 36,250 psi
NPSH	3-5 Bar
Pumping Medium	Water
Water Temperature Maximum	60° Celsius
Requested Drive	P = 49 kW
Driving Speed	n = 825 rpm

Drive:

Diesel Engine, Brand:	John Deere
Type:	4045T1
Cooling:	Water
Engine Output:	P = 64 kW (at the flywheel)
Engine Speed:	n = 1800 rpm
Fuel Consumption (typical)	12.5 L/hr typical at full load

Control and monitoring system with critical shutdowns for:

- Low Coolant Level
- Low Fuel Level
- Coolant Temperature
- Engine Oil Pressure
- Boost Pressure
- Water Tank Level
- Water Filter – low NPSH
- Water Tank Temperature
- Emergency Stop

