

# Metco A325 Ultra High Pressure Pump

## Features and Benefits

The Jetstream Pump fluid end has best in class serviceability. With components that can be accessed easily. The pump can be safely rotated by hand, to service packings.

- In high ambient temperatures, engines can de-rate which will result in decreased output from the pump. The Metco pump set can maintain performance in high ambient temperatures. Fitted with a Cummins QSL 350hp low emission 9L Diesel engine, full pump capacity is ensured even on a hot day where others may struggle.
- Jetstream 4200 pump can tolerate hotter water than its competitors due to its robust design and high inlet charge pressure. Paired with Metco's control system grants a greatly improved service life.
- Common rail engines demand clean fuel to avoid costly repairs. All Metco pumps use Diesel fuel spec high-density polyethylene (marine spec) fuel tanks. These tanks will never suffer from rust, acid corrosion or fatigue cracking like steel or aluminium.
- The pump skid frame is extremely ridged and flex free. This ensures long life from the pump drive coupling and exhibits no alarming vibration problems that may be experienced with other pump sets. Greatly reducing the risk of component failure.
- With easy access to all serviceable engine and pump components. In the event of major service work, the pump skid has been fitted with fork pockets to enable safe handling of the pump skid.



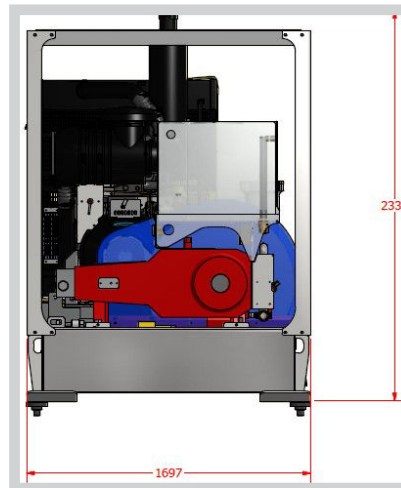
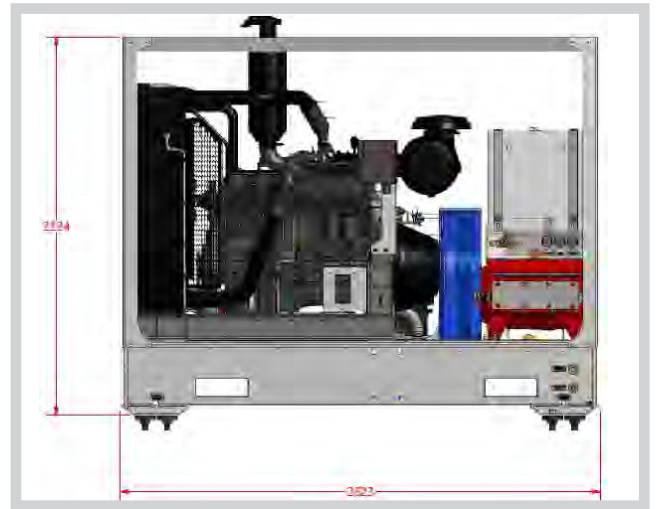
*Robust design built to withstand high demand*

15K PSI,  
20K PSI  
&  
40K PSI  
Models  
available



## Specifications

- Cummins fuel efficient QSL 350hp low emission 9L Tier 3 Diesel en-gine. 50 degree H/duty (high trash) cooling package.
- Jetstream 4200 series Pressure pump available in 15K, 20K and 40K PSI.
- Soft mount system (optional) for truck mount.
- Fits most 10' (container designs vary) and all 20' containers.
- Hot dipped fully galvanised high strength low vibration chassis.
- Optional single point lift frame with side accessible chain ring.
- Super heavy duty auto clutch with reliable soft coupling.
- Heavy duty, reliable, high inertia timing drive system.
- 550L (internal volume) HDPE fuel tank with steel bund.
- Heat wrapped exhaust system and turbo.
- Plunger cooling water recovery system.
- Can Bus electronic control system.
- Hard wired control or option wireless remote control.
- Auto clutch control system
- Pump tilt monitoring.
- Pump oil level protection.
- Water level and over pressure protection.



Pump fluid end has best in class serviceability.

Easy access to service engine and pump

## Performance

### Jetstream 4200 Series - 15 K, 20K, 40 PSI Options

# 12 Plungers	15,000Psi (1034bar & 122 lpm)
# 11 Plungers	20,000Psi (1380bar & 96 lpm)
# 9 Plungers	30,000Psi (2069bar & 63.6 lpm)
# 8 HF Plungers	36,000Psi (2483bar & 53.1 lpm)
# 8 Plungers	40,000Psi (2750bar & 45 lpm)

### Cummins QSL 350hp Low emission 9L Tier 3 Diesel engine

Pump skid mass	~4800–5200 Kg*
Fuel tank internal volume	~550 l
Charge pump	20–30Psi

\*No fuel or water

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