

Metco A700 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 Volvo TAD1643 770 HP low emission Diesel engine, full pump capacity is ensured even on a hot day where others may struggle.
- Jetstream 5200Q series 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.
- 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 failing.
- 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.
- Automatic pressure control is achieved with a pneumatically operated pressure regulating valve. Water pressure is precisely monitored via a pressure transducer and controlled with the Canbus control system.



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

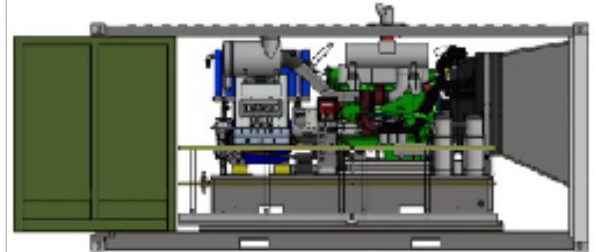
Robust design built to withstand high demand



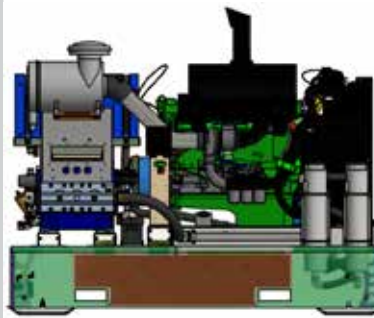
Specifications

- Volvo TAD1643 770hp T3 Diesel, engine, 50 degree cooling package. Blower fan, PTO Air Compressor
- Jetstream 5200Q series Pressure pump. Internal gear drive. Oil cooled. Closed Loop plunger cooling
- New 20' single side and end door opening container. External plumbing connections.
- Pump skid mounted on 8 x H/duty safety tied isolation mounts bolted to galvanized floor rails.
- Slide out 600mm dual work platforms for easy access with one or two doors open.
- Automatic clutch. Engine can run with pump stopped and pump can be rotated with engine stopped. Also available in 4 speed manual option.
- Large HDPE Bunded fuel tank. Non rusting. 12 hr operation.
- HDPE water tank never rusts or cracks. Stainless Plumbing gear cooling water recovery system.
- Non flexing light weight galvanised chassis SS brackets and guards.
- Hi flow twin belt (auto tension) charge pump. Sea water pump optional
- Twin high flow SS bag filter housings with auto bleeds and differential monitoring.
- New control system with wireless remote and hardwired remote backup.
- Electric hand trigger operation.

Containerised 700 UHP Pump



700 UHP Pump Skid



Pump fluid end has best in class serviceability.

Easy access to service engine and pump

Performance

Jetstream 52000Q Series - 15 K, 20 K and 40 K PSI Options

# 11 Plungers	20,000Psi (1380 bar & 203 lpm)
# 12 Plungers	15,000Psi (1034 bar & 266 lpm)
#13 Plungers	13,500Psi (1000 bar & 329 lpm)
# 15 Plungers	10,000Psi (689 bar & 416 lpm)
# 8 Plungers	40,000Psi (2800 bar & 98 lpm)
Volvo TAD1643 700 p Low emission tier 3 Diesel engine	
Pump skid mass	~10 580 Kg*
Fuel tank internal volume	~1200 Lt
Charge pump	50–75Psi
*No fuel or water	

Powered by

Jetstream®

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