

TECHNICAL SPECIFICATIONS

TRAILER

- Twin 7000 lb. Torsion axles
- 16" HD aluminum 8-lug wheels
- ST 235/85R16 "G" rated extreme duty haul tires (including spare)
- Full height modular galvanized steel tongue
- 12,000 lb. rated tongue jack
- Spare tire-lockable mount
- Fire extinguisher on board
- Super duty galvanized trailer frame
- Ultra-low center of gravity for ease of towing
- 9,959 GVRW
- Dual 1,000 lumen work lights on 10 ft. adjustable mast
- 25 ft. ground wire 2 ga.

FUEL TANK

- Custom-fabricated stainless steel
- 165-gallon capacity
- Easy access fuel drain
- Vented and fused fill cap
- Dual reference fuel gauge; visual and panel display
- Strap style hold-down for ease of service and to reduce stress on the tank

INLET WATER TANK

- Custom-fabricated stainless steel
- 50-gallon capacity
- Stainless steel removable filter basket with #2 trade size 5-micron bag filter
- Inlet float control
- Easy-to-read level gauge

ENGINE

- Cummins 9.0 liter 380 HP power unit
 - Turbo charged and charge air cooled
 - Emissions: US EPA Tier 4 final
- Optional: Cummins 6.7 Liter 300 HP power unit
 - Turbo charged and charge air cooled
 - Emissions: US EPA Tier 4 final

DRIVETRAIN

- Eaton "Roadranger" Transmission; 5 speeds
 - 15.5" Eaton clutch-air actuated from control panel
 - Eliminates standing on pump and pushing in clutch
 - Easy access shift lever with exclusive Shift Gate indicator
- Optional: Allison "EZ Speed" Transmission; 3 speeds
 - Push button gear selection
 - Patented torque converter technology

XP-3500		40K HEAD		20K HEAD		
		20K	40K	10K	15K	20K
Trans Gear	1st	7.7	3.6	14.6	9.8	7.7
	2nd	10.4	4.9	19.7	13.2	10.4
	3rd	14.1	6.7	26.7	17.9	14.1
	4th	19.1	9.0	36.1	24.2	19.1
	5th	25.6	12.1	48.4	32.4	25.6

INLET CHARGE PUMP

- Drawing from water tank
- Driven from transmission
- Positive cog drive belt
- Stainless steel construction

ENGINE-MOUNTED COMPRESSOR

- 34 CFM (BA922) turbo charged
- Air tank with dual outlet and safety relief

PUMP

- Integrated discharge dump valve allows for no-load start and remote operation-dumps to tank
- Dual-rupture disc over-pressure protection
- 60,000 PSI 6" dial face pressure gauge
- Integrated plunger cooling water returns to tank with visual flow reference for each packing chamber
- Pressure-lubricated and water-cooled power frame
- Integrated gear reduction in power frame
- Dual discharge outlet connection (forward facing)
- Auto throttle control saves fuel and component wear
- Stainless steel polishing filter (For use with 40,000 only) included 1-micron cartridge filter

CONTROL PANEL

- Engine control and monitoring
- Clutch controls
- System pressure on/off (controls the pneumatic dump valve at tank)
- Auto throttle on/off

JETECH



XP3500

FULLY SELF-CONTAINED WATER JETTING SYSTEM

The XP3500 is an automation-friendly water jetting unit that makes the operator's job productive, cost-efficient, and safe. The XP3500 is built around the field-proven Jetech Triplex Plunger Pump technology with its easy-to-maintain AD Liquid End.

Easy Maintenance and Repairs

The robust pump features **low maintenance for quick changeovers** with its enhanced packing, single spring valve, and the quick-lock valve design. **Maintenance can be performed quickly with no special tools required.**

The removal of each cylinder is a simple task that requires unscrewing the plunger from the pony rod and the removal of the four manifold bolts, which are accessible at the front of the manifold. The valve cartridge can easily be lifted from between the manifold and cylinder. The patented design allows the cylinder to be serviced without removing the manifold or disturbing the positioning of the other cylinders and valves. This protects the accuracy and integrity of the pump assembly and decreases downtime. In addition to its easy maintenance and fewer moving parts than conventional plunger pumps, it operates at a lower RPM.

Simple, Cost-Saving Pump Capacity Changeover

With a quick changeover conversion kit for the liquid ends, the pump has the capacity to operate at pressures between 10,000 and 20,000 PSI or 20,000 and 40,000 PSI, allowing the unit to grow with the demands of the field. If the unit is 20,000 PSI and it needs to be 40,000 PSI, the unique Jetech design allows **the liquid end to be simply changed by replacing the 20K PSI cylinder with a 40K PSI cylinder or vice versa**, eliminating the costly replacement of additional components (head, valves, packing, plungers, etc.) and **saving up to 70% in labor and part costs!**

Clean Water and Workspace

No more downtime due to water issues! With its **self-contained water filtration system** in the water tank, the easy-to-change filter system protects the unit from contaminants. Using an exclusive recirculating water lubricating system for the liquid end, all water is self-contained, filtered, and reused, preventing any ground discharge.

Safe Operation for Optimal Uptime

The self-contained system is trailer-mounted for a dependable turnkey operation that can be pulled directly onto a job site to begin work. Optional container-built systems are available. With three straightforward start-up steps, the XP3500 is ready to run automated systems or standard tube cleaning and surface preparation tools. The unit is engineered with safety features so the operator maintains a safe distance from all high-pressure components. With built-in adjustable LED lights, operation can continue safely in low light and at night for increased productivity.

Product Features

- Integrated turbo-charged 35 CFM air compressor/air tank to run additional components
- Low-profile galvanized trailer frame with spare tire and fire extinguisher
- Direct-drive unit with water-cooled, oil-injected power frame
- 5-speed manual transmission (automatic & PTO available upon request)
- Remote pressure control ready

Optional Accessories for Complete Turnkey System

- Titan ProClean Portable Filter Housing
- Hoses
- Nozzles
- Fittings

For more 30 years, Jetech, Inc. has engineered pumps and pump units for ultra-high pressure applications. More than 5,000 pumps have been used globally due to the proprietary AD Liquid End design. Products have been field-proven in several industrial and commercial industries, including petro-chemical, water and waste-water treatment, food and beverage, construction, industrial cleaning, and other ultra-high pressure applications. Contact us about water-jetting systems and accessories, industrial pressure washers, bare-shaft pumps, and submersible pumps.

JETECH

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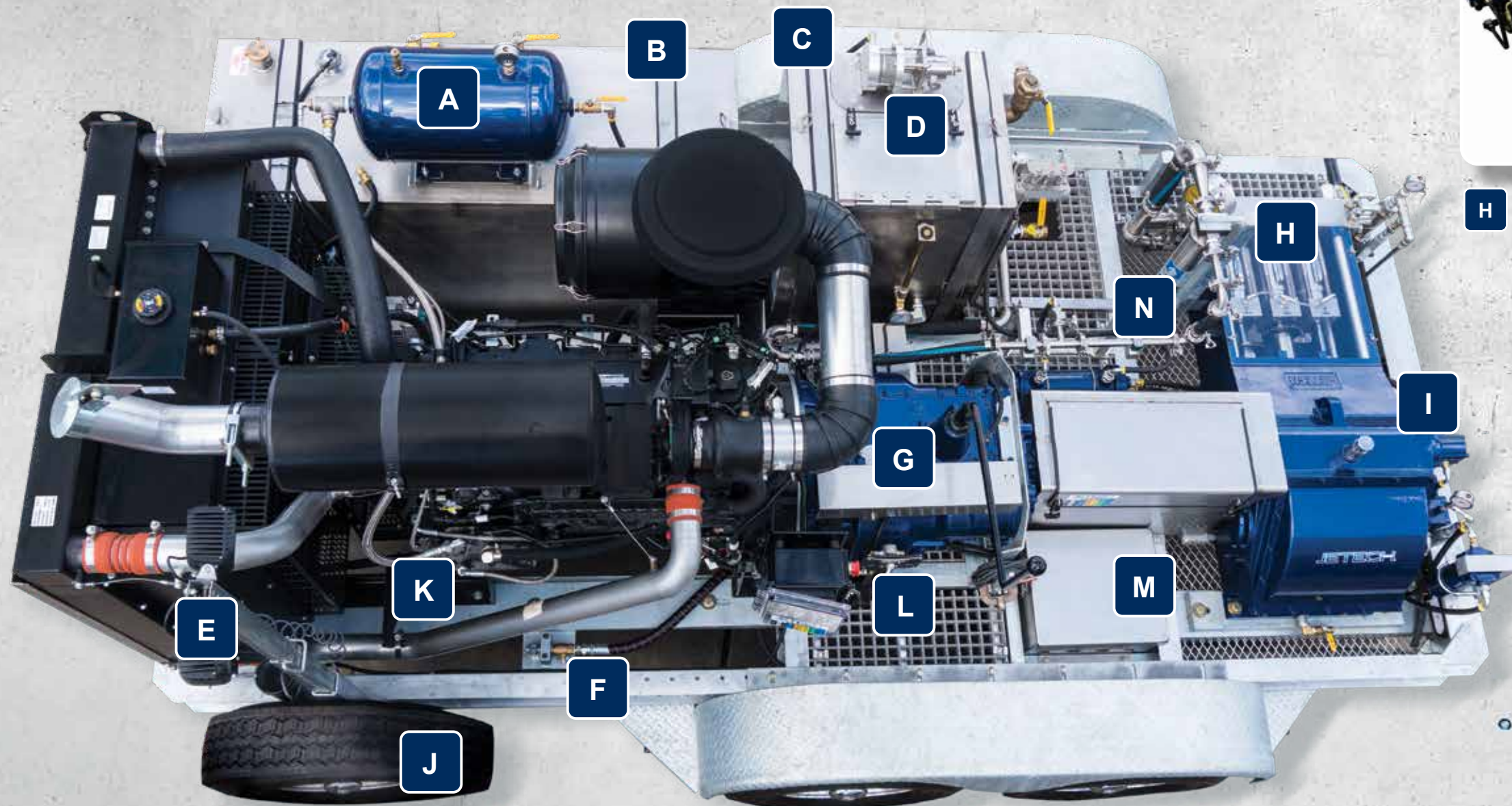
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XP3500



G 5-Speed Transmission Shift Gate



H Jetech Triplex Plunger Pump with AD Liquid End

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|----------|---|----------|---|----------|-----------------------------|
| A | Air Supply Tank | F | Low-Profile Galvanized Trailer Frame | K | Integrated Air Compressor |
| B | Stainless Steel Fuel Tank | G | 5-Speed Transmission | L | Air Clutch |
| C | Stainless Steel Water Tank | H | Jetech Triplex Plunger Pump with AD Liquid End | M | Stainless Steel Battery Box |
| D | Self-Contained Water Filtration System with Easy Change Filter Sock | I | Direct-Drive Unit with Oil-Injected Power Frame | N | Polishing Filter |
| E | LED Work Lights | J | Spare Tire | | |