

- >FIRE TRUCKS
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8 GPM HIGH PRESSURE UTILITY BODY MOUNT - ENGINE DRIVE



While others talk about high pressure foam / water systems...

EJ Metals has perfected high-performance high pressure systems with exclusive technology and design features to make you more effective at fighting fires. EJ Metals' systems are designed for today's fire response environment and allow you to attack vehicle, brush / wildland, jet fuel and even some structural fires with a variety of water / foam streams more effectively than ever before.

EJ Metals is the leader in high pressure foam / water systems. Our high pressure water / foam systems deliver longer run times - use less water and foam concentrate than traditional systems. Only EJ Metals offers an exclusive high pressure pump configuration specifically designed for firefighting. Our Patented EJM TRI-PLEX, triple discharge, high pressure water / foam nozzle is easy to use, lets you select THREE different streams, and delivers exceptional foam quality for better knock-down and suppression performance.

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HIGH PRESSURE PUMP

A triplex plunger high pressure ceramic lined pump will be provided.

- 8 gallons per minute at 2,800 PSI
- Die cast aluminum crankcase
- Stainless steel valves and seats
- Chrome-moly crankshaft
- Oversized bearings
- Brass inlet manifold
- Stainless steel discharge manifold
- Specially formulated high pressure seals

PUMP ENGINE

Engine Type:	Air-cooled 4-stroke OHV
Bore & Stroke:	78 x 72 mm
Displacement:	688 cm3
Net Power Output:	20.8 Horse Power @ 3600 RPM
Net Torque:	35.6 lb-ft. @ 2500 RPM
PTO Shaft Rotation:	Counterclockwise (from PTO shaft side)
Compression Ratio:	9.3:1
Carburetor:	Horizontal type, two barrel butterfly valve
Ignition System:	Digital CDI with variable ignition timing
Starting System:	Electric with Recoil back-up
Lubrication System:	Forced lubrication
Fuel:	Unleaded gasoline 86 octane or higher
Dry Weight:	96.8 lbs.
Fuel Consumption:	1.59 Gallons/Hr. @ full load

HOSE REEL

One (1), high pressure electric rewind hose reel shall be provided. 150 feet of .50" heavy duty high pressure attack hose that is resistant to heat, chemicals and wear shall be provided on each reel. The reel shall have the ability to be rewound manually in the event of a 12-volt power failure.



WATER TANK, 200 GALLON

The water tank will be constructed of polypropylene and baffled appropriately.

OPERATOR CONTROL PANEL

The operators control panel will face the rear of the vehicle.

- On / Off - Foam Agent Valve
- Tank to Pump Valve
- Water Tank Drain
- Regulating Un-Loader
- Foam Agent Jug Rack with Tie Strap
- Hose Reel Re-wind Switch



NOZZLE

Two (2) triple function water / foam nozzles with three spray patterns shall be provided. The nozzles may be used with water only or with a water / foam concentration. The nozzles shall have the following patterns selectable by releasing the pressure on the nozzle and twisting the nozzle end.

- Straight Stream, water only or wet foam, stream discharge up to 70 feet.
- Fog Pattern, water only or wet foam, pattern width of 65° and discharge up to 18 feet.
- Highly Aspirated, water only or heavy dry foam, stream discharge up to 60 feet. Dry foam has the consistency of shaving cream and will hold better on vertical surfaces.



**Contact us at 920.779.9913
or visit www.ejmetals.com
for more information.**

With over 30 years experience in the fire industry you can count on EJ Metals, Inc. to deliver high quality fire truck apparatus systems.

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