

BROOKS HIRE

“Better Being With Brooks”



HM400-3 33,000L WATER TANKER

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ISO 14001
BUREAU VERITAS
Certification



AS/NZS 4801
BUREAU VERITAS
Certification



ISO 9001
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Specifications

1. Nominal 33,000 litre water tank. Tank designed using formed front and rear walls and baffles, giving superior stiffness and a reduced tank weight. Full length of tank base support rails and pivot connections for a fully supported tank on the truck chassis. Internal longitudinal baffling to counter water movement, 12 compartments in all. Tank positioned on chassis to achieve OEM axle splits and 'saddle bagged' shape to give the best possible centre of gravity.
2. All pipe work included with a 3 head spray bar (galvanized), and 2 batter sprays. All pipe work assemblies have flanged connections, flexible joints between tank / pump / pipe work. Front cannon pipe work inside tank to front mounted cannon. Side sprays are Victaulic mounted for variable positioning, gravity fed dribble bar.

Set up to suit hydraulic driven Water pump ISO 125x100x250 operating at 2400rpm.

True 65mm electric powered LOW profile cannon included.



Included Tank self filling capacity to allow truck water pump to be used to recover water from a water source, manual valve controls to be operated at ground level and pre priming of the suction hose required. Hoses and suction foot valve not included, responsibility of user.

3. Access ladder to tank roof from rear of tank with folding lower step, designed to AS1657, roof access area to have perimeter hand rails to AS1657. Handrails fold for transport.
4. Fill point on left hand side of tank in driver's line of sight. Mesh filler basket to keep large debris from entering the tank.



5. Access hatches on tank roof, bolt down flanged type, with appropriate signage to enable safe entry into the tank.
6. Roof of tank to have deflecting plates to shed water spillage away from the front of the tank to the rear and sides.
7. Trucks existing Hydraulic system is to be utilized to drive the pumping system of the tank. System includes cooling by use of a **Marine grade** water cooled jacket cooler (no internal tank hydraulic lines). High flow hydraulic return filter included.
8. Tank lining for potable water, tank exterior Protec Komatsu Yellow. Sacrificial zinc anodes for increased corrosion protection fitted to internal of tank.
9. Lighting to rear, Reverse lights and buzzer, stop / tail / turn LED style (the original truck lighting kit will be used), work lights to cover the spray equipment. All electrical conduits sealed and securely fastened to tank and chassis with 'P' clips.
10. Spring rewind hose reel at the rear.
11. Cabin control panel for operation of all spray equipment c/w engraved decal for indication of switching.
12. Komatsu rear reversing camera relocated to rear of tank.



13. Protective cabinets/covers on tank for location of hydraulic control solenoids. All external electrical control solenoids to be DENSO taped and hydraulic components will have protective coating applied.
14. Low level water auto shut off for pump operation to protect the water pump from running dry and failing. Cab mounted level gauge to indicate water level.
15. Wheel chocks relocated to tank mounting.
16. Operators parts and service manuals
18. Tank to be supplied, fitted and commissioned on to Komatsu HM400-3 truck.



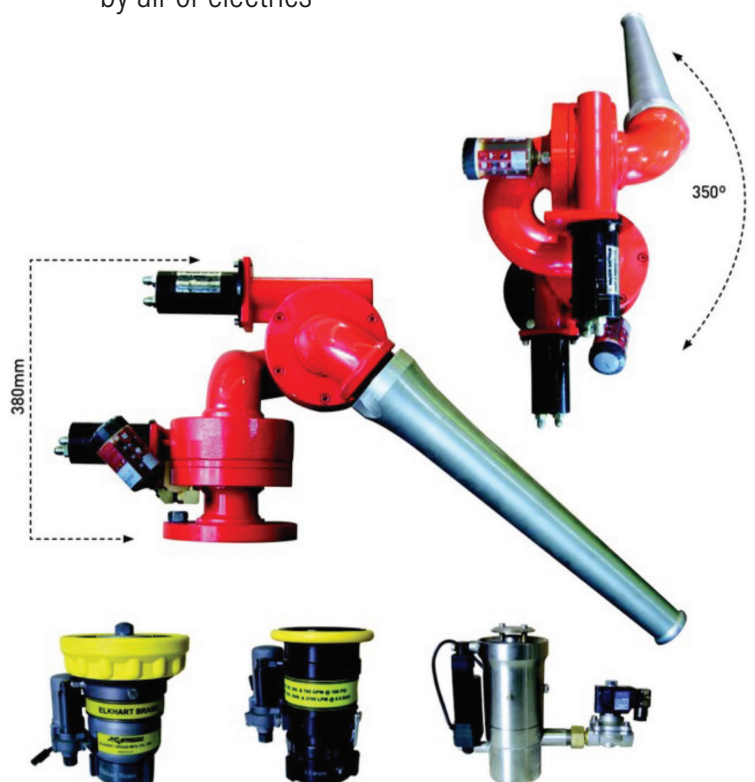
Tank filling



Victaulic mounted hydraulic spray heads

65mm Electric Drive Water Cannon

- Hydraulic driven slew and elevation
- Automatic grease lubrication
- Up to 350° slew (maximum)
- 12v or 24v available
- Electric 4-way Joystick controller supplied
- Optional radio frequency (RF) wireless control
- 65mm (2.5") ANSI 150lb flanged inlet connection
- Unit preset to correct settings and tested prior to final packaging and dispatch.
- Director nozzle supplied as standard - 28mm (1^{1/8}) Oriface. 60m water throw at 7 bar
- 70° Elevation as standard (45° above horizontal, 25° below horizontal)
- Mounting flange with fasteners included option of air or electric to turn water on/off
- Optional remote foam/fog nozzle available operated by air or electrics



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Rear view tank filling. Access ladder lower step folded.



Front tank tie down and low level water switch. High flow return filter.