

K600 WATER TRUCK

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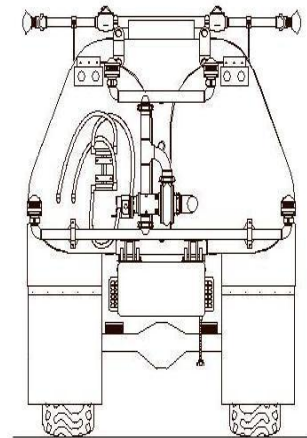
WATER TRUCK
K600

SPECIFICATIONS

ENGINE	TRANSMISSION																																							
<p>Make/ Model: Cummins QSM11</p> <p>Type: Four-cycle, emission certified, direct injection diesel, 6 cylinder, in-line, water-cooled, turbocharged and after-cooled</p> <p>Piston Displacement: 660 in3 (10.8 L)</p> <p>Bore x Stroke: 4.42 x 5.79 in. (125 x 147 mm)</p> <p>Gross Power at 2,100 rpm (SAE J 1995) 365 hp (272 kW)</p> <p>Net Power at 2,100 rpm (SAE J 1349) 335 hp (250 kW)</p> <p>Maximum Torque: 1,234 lbf ft@1,400 rpm (1,673 Nm)</p> <p>Engine emission meets USA EPA Tier 3/ CARB MOH 40 CFR 89 Tier 3 and proposed EU NRMM (non-road mobile machinery directive). 24 volt electric start. 70A alternator. Two 12 volt 175 Ah batteries. Dry-type air cleaner with safety element, automatic dust ejector and restriction indicator. Modulating fan reduces noise levels and consumes engine power only when required. Jake brake standard.</p>	<p>ZF 6WG 260 RPC fully automatic transmission with manual override. The transmission assembly consists of a torque converter close-coupled to a countershaft type gearbox with integral output transfer gearing. Automatic shifting throughout the range, with kick-down feature. Lockup in all forward gears. A torque-proportioning output differential transmits drive permanently to front and rear axles. This differential may be locked by the driver for use in difficult traction conditions.</p> <table border="1"> <thead> <tr> <th colspan="6">Forward</th> <th colspan="3">Reverse</th> </tr> <tr> <th>Gear</th> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> <th>6th</th> <th>R1</th> <th>R2</th> <th>R3</th> </tr> </thead> <tbody> <tr> <td>Mph</td> <td>3.4</td> <td>5.4</td> <td>8.4</td> <td>12.9</td> <td>19.0</td> <td>31.3</td> <td>3.4</td> <td>8.4</td> <td>19.0</td> </tr> <tr> <td>Km/h</td> <td>5.5</td> <td>8.6</td> <td>13.4</td> <td>20.8</td> <td>30.7</td> <td>50.4</td> <td>5.5</td> <td>13.4</td> <td>30.7</td> </tr> </tbody> </table>	Forward						Reverse			Gear	1st	2nd	3rd	4th	5th	6th	R1	R2	R3	Mph	3.4	5.4	8.4	12.9	19.0	31.3	3.4	8.4	19.0	Km/h	5.5	8.6	13.4	20.8	30.7	50.4	5.5	13.4	30.7
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SIDE VIEW



REAR VIEW

K600 (6,000 gallon) TRAP tank. Engineered with lower center of gravity and increased visibility for safer operating. Designed for TEREX TA27 articulated truck chassis.

TANK FEATURES INCLUDE:

- Tank assembly features the new δTRAPö shape design. Trapezoid tank shape and sump design provides a tank with a lower center of gravity for safer distribution of weight of material in the tank.
- Constructed of minimum A36 mild steel plate 3/16ö minimum thickness.
- Flanged bulkheads welded 100% inside and outside for superior tank strength.
- PFC baffling provides three transverse baffles and two rows of full height longitudinal baffles throughout the tank to divide the tank into 12 compartments. To safely, accurately and consistently control the flow surge of material in tank. Keeps center of gravity at lowest possible point.
- Foot valve in sump provides positive pump prime and prevents damaging solids from entering pump.
- Rear mounted 3ö hydrant fill pipe positioned 48ö from ground w/ male cam-lock connection and anti-siphon break at top rear of tank.
- 4ö drain plug located in bottom rear floor of tank.
- 30ö manhole for inspection and filling purposes, galvanized trash screen included.
- Fender and mud flaps. Tank integrated style
- Interior coated with rust resistant Plexiblack
- Exterior of tank primed, and painted New Terex white
- Light Group. Stop, tail, running.
- Klein KP4H510.5 hi volume pump w/ hydraulic centrifugal pump for operating all spray functions matched to existing hydraulics on truck.
- Rear tank spray bar with four (4) fully adjustable hydraulic actuated side sprays, individual cab mounted air-actuated controls.
- Left and right side jet, long-range adjustable hydraulic actuated side sprays, individual cab mounted air-actuated controls.
- Remote controlled turret monitor. Electric over hydraulic actuated tank bulkhead mounted. Control panel included joy stick operator.

APPROXIMATE DIMENSIONS (Truck with Tank)

- 125ö W x 403 1/2ö L x 135ö H
- Center Pin to Rear 258 1/2ö L
- Center Rear Axle to Rear 71 1/2ö L

Standard Equipment

CAB

Air conditioner R 134A
 27,300 BTU/hr (8 kW)
 Cigarette lighter, 24V
 Coat hook
 Engine diagnostic facility
 Heater and de-mister 32,400
 BYU /hr (9.5 kW)
 Hydraulic diagnostic facility
 RS232
 Inspection lamp socket, 24V
 Insulation, thermal and acoustic
 Interior light
 Mirrors, rear view (4)
 Mug holder
 Radio/cassette player
 ROPS/FOPS protection
 (ISO 3471/3449, SAE J 1040,
 Apr 88/SAE J231)
 Seat belts, retractable
 (SAE J 386)
 Seat, operator air suspension,
 High back, headrest and
 Adjustable arm rests
 Seat, passenger
 Steering wheel, tilt/telescopic
 Storage compartment
 Sun blind
 Tinted glass
 Transmission visual display unit
 Typical noise levels:
 Operator ear (ISO 6394) 78
 dbA
 Window protection grille, rear
 Wiper and washer, front and
 Rear windows

GAUGES

Fuel level
 Hourmeter
 Speedometer, with odometer
 Tachometer, with hourmeter
 Transmission oil temperature
 Water temperature

INDICATOR LIGHTS

Direction indicators
 Headlight high beam
 Turn signals

AUDIBLE ALARMS

Brakes, tractor, low pressure
 Brakes, trailer, low pressure
 Engine stop
 Transmission stop
 Steering, low pressure

WARNING LIGHTS

Alternator not charging
 Brake pressure balance
 Engine maintenance
 Front/ rear brake pressures
 Check engine
 Fuel, low level
 Secondary steering
 Inter-axle diff. locks òonò
 Parking brake òonò
 Steering pressure
 Stop engine
 Transmission òstopò
 Warning lights test button
 Audible warning of low brake
 Pressure

GENERAL

Air filter, dual element with
 Restriction indicator
 Articulation locking bar and
 Oscillation lock pin
 Battery master switch
 Body prop
 Brake splash guards
 Diagnostic pressure test points
 Downshift inhibitor
 Engine hood, hinged
 Engine underguard, hinged
 Exhaust muffler
 Fan, modulating
 Horn, electronic 117db
 Hydraulic filter restriction
 Indicator
 Hydraulic oil cooler
 Jake brake
 Mudflaps front
 Neutral start interlock
 Nitrogen inflated tires
 Rear light guards
 Reverse alarm, audible
 (SAE J994)
 Security kit

Standard Equipment (continued)

Tow points, front & rear
 Transmission oil cooler
 with modulating fan
 Transmission sump guard
 Wet disc oil cooled brakes
 on all 6 axles

LIGHTS

Headlamps, 4, halogen
 Highlevel working lamps
 Side, tail, stop, reverse &
 hazard warning and
 direction indicators
 LED taillights

Optional Equipment

GENERAL

Auto lube system
 Cold start kit
 Fast fuel adapter
 Fire extinguisher
 First aid kit
 Headlamp guards, hinged
 Mirror, front mounted
 Mirror, wide angle
 Mirror, head
 Mud flaps, in front of
 leading rear wheels
 Parking brake guard
 Seat, heated
 Tachograph
 Transmission retarder

TV monitor, rear view
 Tool kit, hand
 Tires, 750/65 R25

LIGHTS

Beacon, flashing
 Fog, rear
 Reverse, flashing
 Working, rear-facing