

Data Sheet for Hino 500 Series  
GH8JM7A-PG3 (4x2)  
Hino Water Tanker 10,000 ltr

Chassis Model : Hino 51927	
Chassis Code : GH8JM7A-PG3	
Year Model: 2022 or newer	
Country of Manufacturer : Japan For Chassis & Water Tanker ( Kyokuto)	
<b>Dimensions</b>	<b>mm</b>
Overall Length ( OL)	8,460.
Overall Width ( OW)	2,490.
Overall Height (OH)	2,775.
Wheel base (WB)	5,080.
<b>Weights</b>	<b>Kg</b>
Vehicle mass	5,290.
Loading capacity ( Payload )	13,710 .
Rating Gross Vehicle Mass ( GVMR)	19,000.
<b>Engine</b>	
Model & Emission	HINO J08E-WH- EURO3.
Type	Diesel, Turbocharged and intercooled, 4cycle, in-line 6 Cylinder, overhead camshaft, water cooled. Suitable for weather and dusty area in Iraq.
Combustion system	Direct injection type.
Displacement (L)	7.684 L
Compression ratio	18.0 : 1
Maximum Power /Speed	195 kW ( 265PS ) @2,500 rpm (JIS Gross) 191 kW ( 260PS ) @2,500 rpm (ISO Net)
Maximum Torque /Speed	804 Nm ( 82kgfm ) @1,500 rpm (JIS Gross) 794 Nm ( 81kgfm ) @1,500 rpm (ISO Net)
Fuel System (Fuel injection pump)	Electronic control, common rail type, suitable for Iraqi Fuel / Diesel.
<b>Clutch</b>	
Type	CSP-380, dry single plate with damper springs.
<b>Gear Box</b>	
Model	MX06, manual 6-speeds, synchromesh 2nd-6th, overdrive.
<b>Axles</b>	

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<b>Front Axle</b>	
Type	Reversed Elliot, " I " section beam.
Rating Capacity ( kg)	7,500.
<b>Rear Axle</b>	
Type	Full-floating, single reduction, single speed by hypoid gearings.
Rating Capacity ( kg)	11,500.
<b>Steering</b>	
Type	LHD, Telescopic and tilt steering column, reticulating ball integral power steering.
<b>Tire &amp; Wheel</b>	
Front	Front: 315/80R22.5.
Rear	Rear: 295/80R22.5.
No. of Tires	7 (including 1 spare tire).
Wheels	Front: 22.5 x 9.00. Rear: 22.5 x 8.25. ISO 10 stud wheel.
<b>Suspension</b>	
Front	Semi-elliptic leaf springs (reinforced type) with single action shock absorbers.
Rear	Semi-elliptic main leaf springs and auxiliary springs.
<b>Braking System</b>	
Service Brake	Full air, S-cam, leading and trailing shoes, Dual circuit, <b>ABS Equipped.</b>
Parking Brake	Air operated spring brake acting on rear axle, for emergency and parking purpose.
Exhaust Brake	Equipped.
<b>Electrical</b>	
No. of Batteries	2 x 12 V ,65 Ah.
Alternator	24 V ,60Ah.
Horn	Electric Horn.
<b>Fuel tank</b>	
Capacity	200 L.

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Fuel filter	Equipped with pre-filter and sedimenter.
<b>CABIN</b>	
Type	Forward control, all steel welded construction with torsion bar tilt mechanism, Semi floating (rubber mounting).
Seating capacity	Three.
Driver seat	Hlgh-back 750mm, 8-way adjustable seat.
Seat cover	Vinyl Cover.
Seatbelt	Equipped with ELR (Emergency Locking Retractor) and warning.
Sun visor	Driver side.
Windshield wiper	2-speed with wash and intermittent.
Outside rear view mirror	Equipped.
Air condition	Equipped.
Car Audio	AM/FM radio with CD player
Cigar lighter	Equipped.
Door Lock	Equipped.
Power Window	Equipped.
<b>Instrument</b>	
Speedometer	Equipped (Km/h).
Tachometer and over run warning	Equipped with buzzer.
Fuel gauge	Equipped.
Coolant level warning	Equipped.
Air pressure gauge	Equipped.

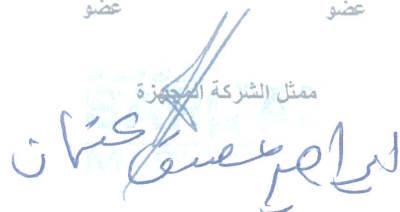
  
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General Technical specifications for 10,000L KYOKUTO Non- Potable  
Water Tanker

ملاحظة: الجزء التخصصي ترك قبول مواصفاته الى الجهة المستفيدة وليس من مسؤولية اللجنة.

Make and Model: Kyokuto Japan LH10-30	
<b>GENERAL</b>	
The water tank truck is designed for transporting water effectively. Water can be loaded or unloaded by gravity or by a pump installed on the vehicle.	
<b>CAPACITY</b>	
Max. loading capacity	10,000 L
Tank volume	10,790 L
Tank weight	2,210 Kg
<b>LOAD</b>	
Suitable load	Water
<b>CONSTRUCTION &amp; DIMENSIONS</b>	
Tank Construction	Ellipse sectioned cylindrical tank with one-compartment tank with a manhole hatch equipped with an air breather
<b>Manhole</b>	
Hatch type	1
Closed type	1
Internal surface treatment	Zinc metal spraying
Dimensions (Inside)	
Length	5,510 mm
width	2,200 mm
Height	1,150 mm
Material & Thickness	
Shell	Mild steel plate 3.2 mm
End plate	Mild steel plate 3.2 mm
Buffer plate	Mild steel plate 3.2 mm
Piping	Steel pipe
<b>Pump</b>	
Type	Centrifugal pump

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Capacity	Approx. 600 L/min at 2500 r/min (as an independent performance)
<b>Piping: for details see piping diagram</b>	
Piping material	Steel pipe
Water supply piping (only unloads by gravity)	
Supply port	4
Port size	¾ inch
<b>Power Train</b>	
Transmission P.T.O → Drive Shaft → Pulley & V-belt → Pump	
<b>Control</b>	
P.T.O Control	Switch installed in a cab
<b>Accessories</b>	
• Suction hose: 63.5mm 12.5 in X 3m	2
• Hose packing (Spare)	3
• Hose wrench	2
• Strainer for hose	1
• Tool box	1
• Hose box	2
• Spare tire carrier	1
• Level gauge	1

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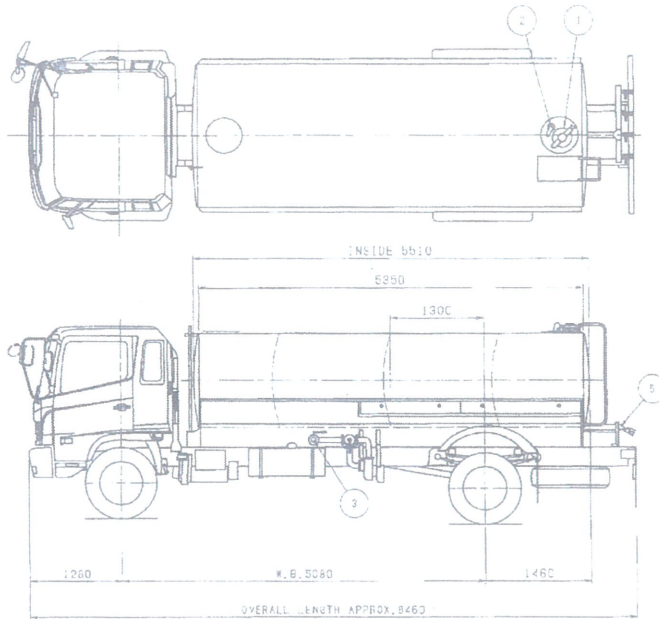
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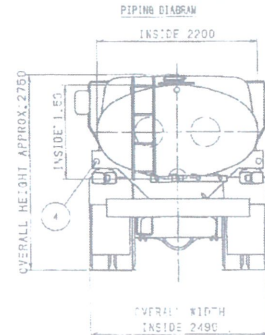
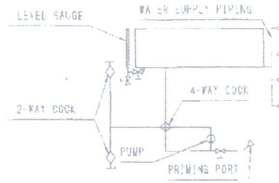
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No.	NOMENCLATURE
1	FILLING PORT
2	AIR BREATHER
3	INLET & OUTLET HOSE JOINT
4	HOSE
5	WATER SUPPLY PIPING



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