



Data Sheet for Hino 500 Series  
FG8JJ7A-JG3 (4x2)  
Garbage Compactor capacity 10m3



Chassis Model : Hino 51625	
Chassis Code : FG8JJ7A-JG3	
Country of Manufacturer : Japan For Chassis & UAE for Garbage Compactor	
<b>Dimensions</b>	<b>mm</b>
Overall Length ( OL)	7,785
Overall Width ( OW)	2,490
Overall Height (OH)	2,755
Wheel base (WB)	4,330
<b>Weights</b>	<b>Kg</b>
Vehicle mass	5,140
Loading capacity ( Payload )	10,860
Rating Gross Vehicle Mass ( GVMR)	16,000
<b>Engine</b>	
Model & Emission	HINO J08E-WJ- 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	180 kW ( 245PS ) @2,500 rpm (JIS Gross). 176 kW ( 240PS ) @2,500 rpm (ISO Net).
Maximum Torque /Speed	726 Nm ( 74kgfm ) @1,500 rpm (JIS Gross). 716 Nm ( 73kgfm ) @1,500 rpm (ISO Net).
Fuel System(Fuel injection pump)	Electronic control, common rail type.
<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.

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<b>Axles</b>	
<b>Front Axle</b>	
Type	Reversed Elliot, " I " 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 , recirculating ball integral power steering.
<b>Tire &amp; Wheel</b>	
Front & Rear	10.00R20
No. of Tires	7 ( including 1 spare tire).
Wheels	20 x 7.50V, ISO 10 stud wheel.
<b>Suspension</b>	
Front	Semi-elliptic leaf springs with single action shock absorbers
Rear	Semi-elliptic main and auxiliary leaf springs (reinforced type)
<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 , 60 Ah.
Horn	Electric Horn.
<b>Fuel tank</b>	
Capacity	200 L .
Fuel filter	Equipped with pre-filter and sedimenter.

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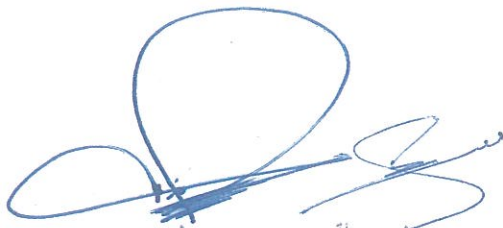
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CABIN	
Type	Forward control, all steel welded construction with torsion bar tilt mechanism.
Seating capacity	Three.
Driver seat	High-back 750mm, 8-way adjustable seat .
Seat cover	Vinyl Cover
Seatbelt	Equipped with ELR (Emergency Locking Retractor) 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 .
Instrument	
Speedometer	Equipped ( Km/h).
Tachometer and over run warning	Equipped with buzzer.
Fuel gauge	Equipped.
Coolant temperature gauge	Equipped.
Air pressure gauge	Equipped.

  
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ممثل الشركة  
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GENERAL TECHNICAL SPECIFICATION FOR (10+1.1m<sup>3</sup>) HYDRAULIC PRESSING  
GARBAGE COMPACTOR

TECHNICAL CHARACTERISTICS	
<b>1.) COMPACT OR SPECIFICATION</b>	
Type	REFUSE COLLECTION BODY
Body Volume	10m <sup>3</sup>
Usable Hopper Volume	1.1m <sup>3</sup>
Loading Capacity	5tons
Weight	4.0tons
Compaction Rate	1/5
Pump Flow	63lt/min
Max. Running Pressure	183kg/cm <sup>2</sup>
<b>2.) BODY</b>	
Body Base	5mm (ST36)
Ceiling	3mm (ST36)
Floor	4mm (ST36)
Side Walls	3mm (ST36)
Front Body/ Under base	There Will Be A Tray To Discharge The Dirty Water Of Garbage.
<b>4.) TAILGATE</b>	
Hopper Capacity	1.1m <sup>3</sup>
Hopper Steel Thickness	6mm (ST36 Or EQUIVALENT)
COVER	Cover Resistant To Corrosion And Acid.
Container Lifting Device	Suitable For Metal Garbage Container (1100lts, 800 And 400 Lts)
Lifting of Tailgate	Rear Lid Will Be Connected To Body By Hinge With Rear Slot & Will Be Opened Upward By Hydraulic Cylinders. When Rear Lid Closed, It Will Be Locked Automatically
Safety valve	Safety Valve To Prevent The Dropdown Of Lid When Lid Open Due To Any Failure.

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مكتب الشركة  
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Additional Equipment	1) Two (2) Steel Mudguards W/Rubber Flaps At Rear Ends 2) One (1) Rotating Beacons Light At The Tailgate 3) Two (2) Foldable Type Rear Footboards For Crew To Stand On. 4) One (1) Halogen Worklight On Tailgate
<b>5.) HYDRAULIC SYSTEM</b>	
Hydraulic Power	Will Be Supplied To Hydraulic Pump With Taken Movement From Pto Which Is Mounted On Vehicle Transmission.
Working Pressure(BAR)	250bar
PTO & Hydraulic Pump	60lts Capacity
Oil Tank	80lts Minimum–110lts Maximum
Hydraulic Cylinders	The Tailgate Raise Is Achieved By Two (2) Double Acting Hydraulic Cylinders, Which Must Be Equipped With A Safety Device To Prevent The Tail Gate From Falling In The Event To Hydraulic Failure Or Hose Burst. The Dimensions Of The Cylinders Are Designed To Accomplish The Stipulated Cycle Times & Compaction Ratio . Pursuant To Din2391c Norms
Pipes & Hoses	- Pipes To Be Made Of Honed Drawn Steel Pipe ,& Cylinder Miles Are Grinded & Chrome Coated Against Corrosion. - All Hydraulic Pressure Hoses Will Be Suitable For Sae 100r2
<b>6.) OPERATION&amp;CONTROL</b>	
Operation	By Means Of Double Acting Hydraulic Cylinders . System Can Be Operated Manual Or Hydraulic.

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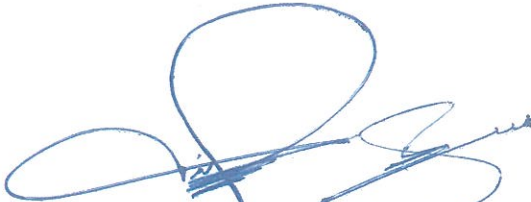
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Control	Tailgate & Ejector Controls Are In Front Of The Body. All Devices For Loading Control Are Mounted On Tail Gate Right Side.
<b>7.) PAINTING</b>	
Surface Treatment	All Steel Parts Surfaces Will Be Applied With Two Primers. Final Paint Coat As Per Color Requirement.

  
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