



Data Sheet for Hino 500 Series
FG8JJ7A-JG3 (4x2)
Garbage Compactor capacity (10.2 +1.05)m³



Chassis Model : Hino 51625	
Chassis Code : FG8JJ7A-JG3	
Country of Manufacturer : Japan For Chassis & Garbage Compactor (Kyokuto)	
Dimensions	mm
Overall Length (OL)	8,240
Overall Width (OW)	2,490
Overall Height (OH)	3,050
Wheel base (WB)	4,330
Weights	Kg
Vehicle mass	5,140
Loading capacity (Payload)	10,860
Rating Gross Vehicle Mass (GVMR)	16,000
Engine	
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.
Clutch	<i>Suitable for Iraqi Diesel fuel.</i>
Type	CSP-380, dry single plate with damper springs.
Gear Box	
Model	MX06, manual 6-speeds, synchromesh 2nd-6th, overdrive.
Axles	
Front Axle	
Type	Reversed Elliot, " I " beam.



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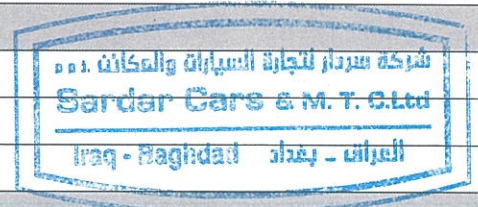
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2022



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Rating Capacity (kg)	7,500.
Rear Axle	
Type	Full-floating, single reduction, single speed by hypoid gearings.
Rating Capacity (kg)	11,500.
Steering	
Type	LHD, Telescopic and tilt steering column , recirculating ball integral power steering.
Tire & Wheel	
Front & Rear	10.00R20
No. of Tires	7 (including 1 spare tire).
Wheels	20 x 7.50V, ISO 10 stud wheel.
Suspension	
Front	Semi-elliptic leaf springs with single action shock absorbers
Rear	Semi-elliptic main and auxiliary leaf springs (reinforced type)
Braking System	
Service Brake	Full air, S-cam, leading and trailing shoes, Dual circuit , ABS Equipped.
Parking Brake	Air operated spring brake acting on rear axle, for emergency and parking purpose.
Exhaust Brake	Equipped .
Electrical	
No. of Batteries	2 x 12 V , 65 Ah .
Alternator	24 V , 60 Ah.
Horn	Electric Horn.
Fuel tank	
Capacity	200 L .
Fuel filter	Equipped with pre-filter and sedimenter.
CABIN	
Type	Forward control, all steel welded construction with torsion bar tilt mechanism.
Seating capacity	Three.



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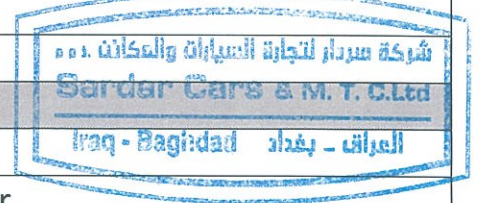
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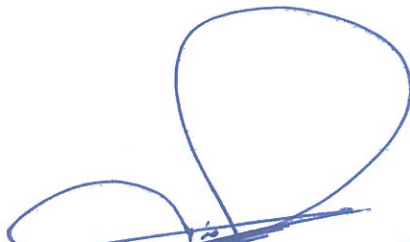



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Driver seat	High-back 750mm, 8-way adjustable seat .
Seat cover	Vinyl Cover
Seatbelt	Equipped with ELR (Emergency Locking Retractor) and warning.
Sun visor	Driver side.
Windshield wiper	2-speed with wash and intermittent.
Outside rear view mirror	Equipped.
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 level warning	Equipped with indicator light and buzzer
Air pressure gauge	Equipped.




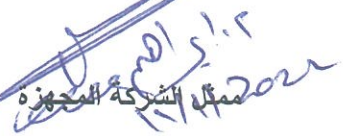

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GENERAL TECHNICAL SPECIFICATION FOR (10.2+1.05m³) KYOKUTO GARBAGE COMPACTOR

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

Make and Model: KYOKUTO JAPAN GB102-240 (PRESS PACK)	
General: The refuse truck is designed for collecting, transporting, and unloading refuse effectively and sanitarily. These operations can be controlled by lever and switch with hydraulic control and a refuse unloading system is a horizontal pushing discharge type.	
CAPACITY	
Body capacity	10.2 m ³
Hopper capacity	1.05 m ³
WEIGHT	
Garbage Superstructure weight	3,540 kg
LOAD	
Suitable load	Home rubbish and bulky wastes
PERFORMANCE	
Loading time (One cycle)	Approx. 14 - 16 s
Discharging time	Approx. 25 s
Compression ratio	
Home rubbish	1 : 2
Bulky wastes (Furniture, carton box. etc.)	1 : 2 - 1 : 5
CONSTRUCTION & DIMENSIONS	
Body Construction	All steel welded construction
Dimensions (Inside)	
Length	3655 mm
width	2055 mm
Height	1660 mm
Material & Thickness	
Floor plate	Corrosion Resistance & High-tensile steel 2.8mm
Side plate	Corrosion Resistance & High-tensile steel 2.8mm
Roof plate	Corrosion Resistance & High-tensile steel 2.8mm
Discharge plate	High-tensile steel 2.3mm
TAIL GATE	
Construction	All steel welded construction with Automatic (Tail gate) locking devise
Tailgate Open angle	74°
Dimensions (Inside)	



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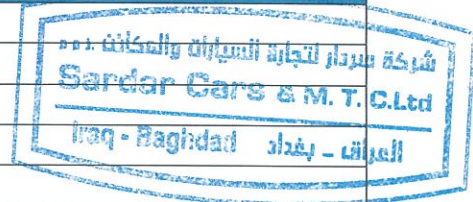
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Loading port, wide height	1700 mm Approx. 940 mm
Material & Thickness	
Roof plate	Mild Steel 0.6 mm
Side plate	High-tensile steel 3.8 mm
Hopper plate	High-tensile steel 6.0 mm
Lift plate	High-tensile steel 3.2 mm
Press plate	High-tensile steel 6.0 mm
SEWAGE TANK	
Construction	Stainless steel welded construction
Sewage tank capacity	110 (Total)
Side plate	Stainless steel 3.0 mm
Bottom plate	Stainless steel 1.5 mm
HYDRAULIC SYSTEM	
Work pressure	21.0 Mpa
Hydraulic oil tank	40 L
HYDRAULIC PUMP	
Type	Gear type
HYDRAULIC CYLINDER	
Body	
Discharge Cylinder	Double action
Tail Gate	
Push Cylinder	Double action
Press Cylinder	Double action
Swing Cylinder	Single action with check valve
POWER TRAIN	
Transmission PTO → Hydraulic pump → Control Valve → Discharge Cylinder → Push Cylinder → Press Cylinder → Swing Cylinder	
CONTROL	
PTO Control	Switch installed in a cab
Pressing & Packing Control	Switch installed in a cab
Tailgate lift-up Control	Switch installed in a cab
Discharging Control	Switch installed in a cab
Raking Control	Switch installed in a cab
Communication buzzer Control	Switch installed rear corner of tailgate
Emergency stop Control	Switch installed rear both side of a tailgate
Reversal Control	Switch installed rear corner of tailgate



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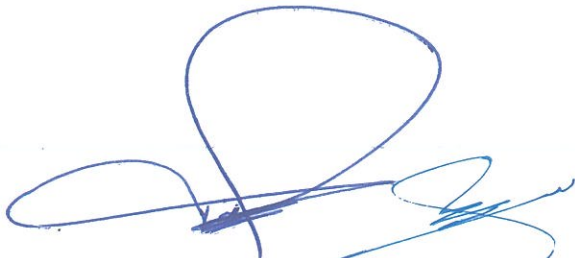


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Pushing Control	Switch installed rear corner of tailgate
ACCSERIES	
Tailgate safety stopper	1 set
Spare tire carrier	1 set
Bin lifter	1 set
Fire extinguisher	1 set
Side Guard	1 set
Safety Light	1 set
Working Light	1 set





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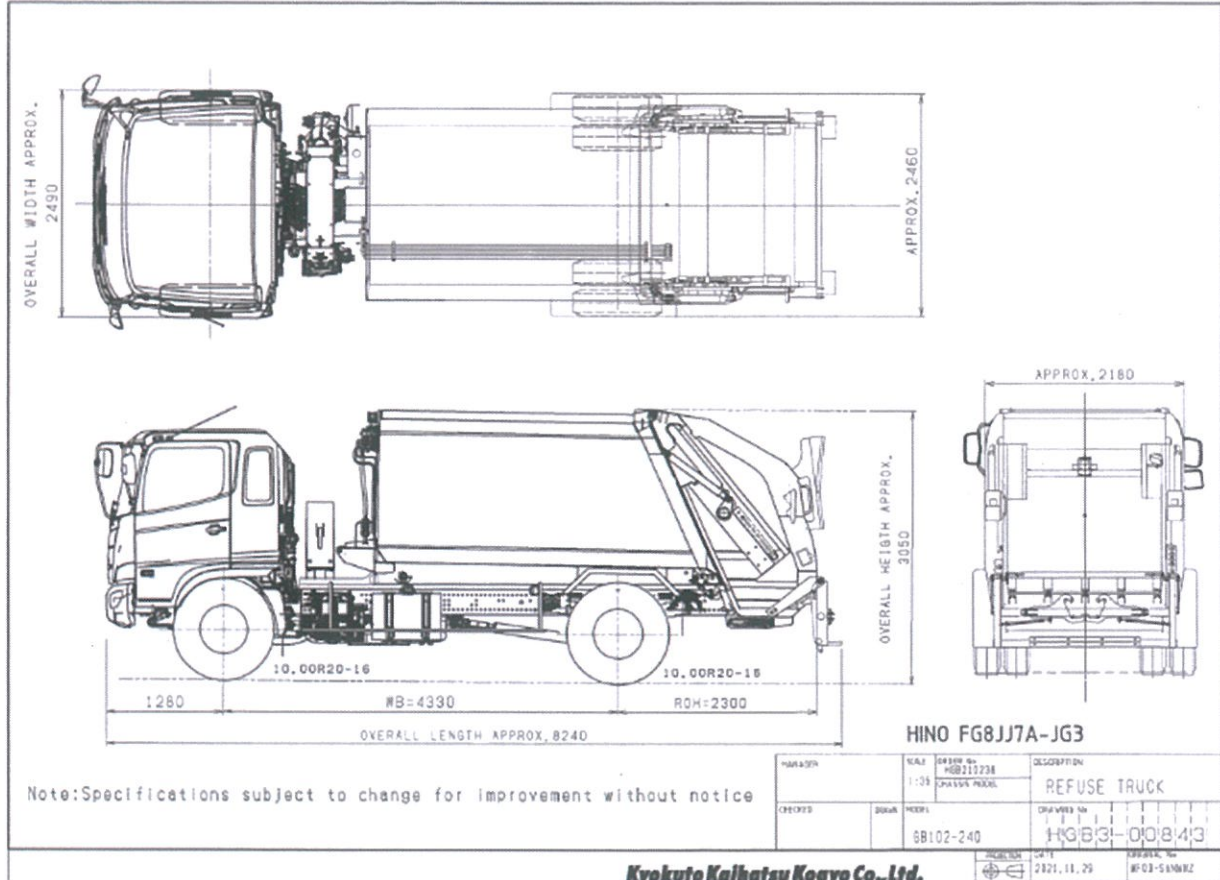
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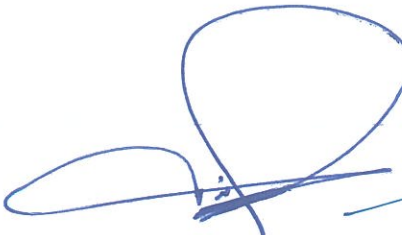



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