



Data Sheet for Hino 300 Series  
XZU730L-WKFTLV3 (4x2)  
Hino Garbage Compactor 6m3



Chassis Model : Hino 3916	
Chassis Code : XZU730L-WKFTLV3	
Country of Manufacturer : Japan For Chassis & UAE Garbage Compactor	
<b>Dimensions</b>	<b>mm</b>
Overall Length ( OL)	7,250
Overall Width ( OW)	2,055
Overall Height (OH)	2,260
Wheel base (WB)	4,200
<b>Weights</b>	<b>Kg</b>
Vehicle mass	2,600
Loading capacity ( Payload )	5,900
Gross Vehicle Mass ( GVMR)	8,500
<b>Engine</b>	
Model & Emission	HINO N04C-WH – EURO3
Type	Diesel ,Turbocharged and intercooled , 4 cycle , inline 4 Cylinder, overhead valve , water cooled . Suitable for weather and dusty area in Iraq.
Combustion system	Compression ignition , Four Stroke .
Displacement (L)	4.009 L
Compression ratio	18.0 : 1
Maximum Power /Speed	113 kW ( 154PS) @2,800 rpm (JIS Gross). 110 kW ( 150PS) @2,800 rpm (ISO Net).
Maximum Torque /Speed	422 Nm ( 43.1kgfm) @1,400 rpm (JIS Gross). 420 Nm ( 42.9kgfm) @1,400 rpm (JIS Net).
Fuel System(Fuel injection pump)	Electronic control common rail type.
<b>Clutch</b>	
Type	Dry single plate with damper springs , automatic gap adjuster.
<b>Gear Box</b>	
Model	RE61 , manual 6 speed , with overdrive.
Transmission Shift lever	folding type.

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<b>Axles</b>	
<b>Front Axle</b>	
Type	Reversed Elliot, " I " section beam.
Capacity ( kg)	3,020
<b>Rear Axle</b>	
Type	Full-floating, single reduction, single speed by hypoid gearings.
Capacity ( kg)	5,760
<b>Steering</b>	
Type	LHD, Telescopic and tilt steering column , recirculating ball integral power steering.
<b>Tire &amp; Wheel</b>	
Front & Rear	7.50R16 , rib type tread.
No. of Tires	7 ( including 1 spare tire).
Wheels	16x6.00GS with 6 studs.
<b>Suspension</b>	
Front	Semi-elliptic tapered leaf springs with double acting shock absorbers.
Rear	Semi-elliptic main and auxiliary leaf spring with double acting shock absorber.
<b>Braking System</b>	
Service Brake	Dual circuit hydraulic , vacuum assist , Disc Brakes, <b>ABS Equipped.</b>
Parking Brake	Mechanical, internal expanding acting on transmission output shaft.
Exhaust Brake	Equipped.
<b>Electrical</b>	
No. of Batteries	2 x 12 V ,60Ah.
Alternator	24 V ,60Ah.
Horn	Electric Horn.
<b>Fuel tank</b>	
Capacity	100ل.

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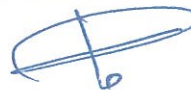


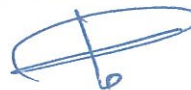
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Fuel filter	Primary with ( water separator) and secondary filter.
<b>CABIN</b>	
Type	Forward control, all steel welded construction , High roof , mechanical tilt with torsion assist.
Front Windshield	Heat absorbing , Laminated glass.
Seating capacity	Three.
Front seat	4-way adjustable, driver seat , fixed back passenger seat integrated type .
Seat cover	Fabric type.
Seatbelt	3 Point ELR ( emergency locking retractor) belt with pre-tensioner on driver and outer passenger seat. 2 point NR ( Non Retractor) belt on center passenger seat.
SRS Airbag system	Equipped ( Driver& Passenger side).
Sun visor	Equipped ( both side).
Windshield wiper	2-speed with wash intermittent.
Outside rear view mirror	Equipped.
Inside Mirror	Equipped.
Air condition	Equipped with clean air filter .
Car Audio	Radio with CD Player ( 2 speakers).
Cigar lighter	Equipped.
Door Lock	Equipped.
<b>Instrument</b>	
Speedometer	Equipped ( Km/h).
Tachometer	Equipped.
Coolant temperature gauge	Equipped.
Fuel gauge	Equipped.
Brake warning	Brake fluid level and vacuum pressure warning lamp & buzzer.
Seatbelt warning	Equipped ( driver&outer passenger seat).
Cab tilt warning lamp	Equipped ( with indicator light and buzzer).

  
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GENERAL TECHNICAL SPECIFICATION FOR (6+1m<sup>3</sup>) HYDRAULIC PRESSING  
GARBAGE COMPACTOR


TECHNICAL CHARACTERISTICS	
<b>1.) COMPACTOR SPECIFICATION</b>	
Type	REFUSE COLLECTION BODY
Body Volume	6 m <sup>3</sup>
Usable Hopper Volume	1 m <sup>3</sup>
Loading Capacity	2.4tons
Weight	3.5tons
Compaction Rate	1/5
Pump Flow	61lt/min
Max. Running Pressure	183kg/cm <sup>2</sup>
<b>3.) BODY</b>	
Body Base	5mm(ST36)
Ceiling	3mm(ST36)
Floor	4mm(ST36)
Side Walls	4mm(ST36)
<b>4.) TAILGATE</b>	
Hopper Capacity	1m <sup>3</sup>
Hopper Steel Thickness	6mm (ST:36 or EQUIVALENT).
COVER	COVER RESISTANT TO CORROSION AND ACID.
Container Lifting Device	SUITABLE FOR METAL GARBAGE CONTAINER (1100LTS , 800 AND 400LTS).
Lifting of Tailgate	REAR LID WILL BE CONNECTED TO BODY BY HINGE WITH REAR SLOT & WILL BE OPENED UP BY HYDRAULIC CYLINDERS. WHEN REAR LID CLOSED, IT WILL BE LOCKED AUTOMATICALLY.
Safety valve	SAFETY VALVE TO PREVENT THE DROP DOWN OF LID WHEN LID OPEN DUE TO ANY FAILURE.
Additional Equipment	1)TWO(2)STEEL MUDGUARDS W/ RUBBER FLAPS AT REARENDS. 2)ONE(1)ROTATING BEACONS LIGHT AT THE TAILGATE. 3)ONE(1)HALOGEN WORK LIGHT ON TAILGATE.

  
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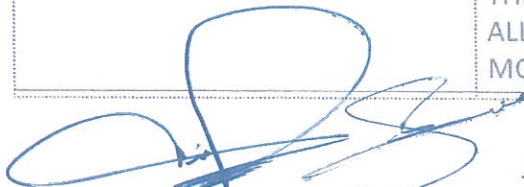
  
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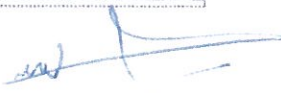
5.) HYDRAULIC SYSTEM	
Hydraulic Power	WILL BE SUPPLIED TO HYDRAULIC PUMP WITH TAKEN MOVEMENT FROM PTO WHICH IS MOUNTED ON VEHICLE TRANSMISSION.
Working Pressure(BAR)	180BAR.
PTO & Hydraulic Pump Oil Tank	45LTS CAPACITY. 60LTS MINIMUM-90LTS MAXIMUM.
Hydraulic Cylinders	THE TAIL GATE RAISE IS ACHIEVED BY TWO(2) DOUBLE ACTING HYDRAULIC CYLINDERS,WHICH MUST BE EQUIPPED WITH A SAFETY DEVICE TO PREVENT THE TAILGATE FROM FALLING IN THE EVENT OF HYDRAULIC FAILURE OR HOSE BURST. THE DIMENSIONS OF THE CYLINDERS ARE DESIGNED TO ACCOMPLISH THE STIPULATED CYCLE TIMES & COMPACTION RATIO. PURSUANT TO DIN 2391C NORMS.
Pipes & Hoses	-PIPE 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.
6.) OPERATION & CONTROL	
Operation	BY MEANS OF DOUBLE ACTING HYDRAULIC CYLINDERS . SYSTEM CAN BE OPERATED BY MANUAL LEVER.
Control	TAILGATE & EJECTOR CONTROLS ARE IN FRONT OF THE BODY. ALL DEVICES FOR LOADING CONTROL ARE MOUNTED ON TAILGATE RIGHT SIDE.

  
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ممثل الشركة المحيطة  
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