



PREVIEW

- Dedicated 5.7 metre straight boom with option of 4.0 metre gooseneck or 3.0 metre straight dipper to suit your application
- Fixed or hydraulically raised cabs for loading containers, giving improved vision and safety on site
- Dedicated straight chassis with centralised slew turret for increased all round stability
- Additional filtration, guarding and air conditioning (as standard) for machine protection, operator comfort and safety
- Dedicated slew gear box for increased slew accuracy while loading



ENGINE

Model	Isuzu 4JJ1X European Tier 3 emissions compliant.
Type	Water cooled, 4-stroke, 4-cylinder in-line, direct injection, turbocharged diesel.
Rated power (ISO 14899 (SAE J1995))	92kW (123hp) at 2200rpm.
Piston Displacement	2.99 litres.
Injection	Electrical governor.
Air Filtration	Dry element with secondary safety element and in cab warning indicator.
Cooling	Large capacity radiator.
Starting system	24 volt – 4.0kW.
Batteries	2 x 12 volt heavy-duty.
Alternator	24 volt 50 amp.
Refuelling pump	Electric type.

MAIN HYDRAULIC SYSTEM

System	Load-sensed hydraulic system with twin variable flow piston pumps providing flow-on-demand for maximum efficiency.
Main pumps	2 variable displacement axial piston type
Maximum flow	2 x 128 l/min (31 UK gpm)
Main circuit pressure	314 bar (4555 lb/in ²)
With power boost	343 bar (4975 lb/in ²)
Servo pump	Gear type
Maximum flow	22 l/min (5 UK gpm)
Servo pressure	40 bar (580 lb/in ²)
Optional Circuits:	
Hammer	Includes automatic engine speed setting and return filter.
Maximum flow	138 l/min (30 UK gpm)
Maximum pressure	314 (343) bar (4555/4975 lb/in ²)
	(pre-set to 180 bar (2610 lb/in ²))
Grab operation	
Maximum flow	138 l/min (30 UK gpm)
Maximum pressure for grab ram operation	314 (343) bar (4555/4975 lb/in ²)
Low Flow Pipework	Two options available, one with 20L/min (4 UK gpm) flow and a second with an adjustable flow of 27-45L/min (6-10 UK gpm).
Hydraulic Cylinders	With hardened, chromed piston rods and end cushioning on boom, dipper and bucket crowd cylinder.
Filtration	
In tank	150 micron, suction strainer.
Main return line	10 micron, fibreform element.
Pilot line	10 micron, paper element.
Nephron by pass line	1.5 micron paper element.
Hydraulic hammer return	10 micron, reinforced microform element.

EXCAVATOR END

Dedicated 5.7 metre straight boom with option of 4.0 metre gooseneck or 3.0 metre straight dipper to suit customer application. Maximum pin reach of 9.3 m.

CHASSIS

Dedicated straight chassis with centralised slew turret and 4 x stabilisers for increased all-round stability. Hydrostatic drive via piston motor and power shift transmission.

SWING SYSTEM

Drive train	Axial piston motor and planetary reduction final drive.
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake.
Swing speed	11.3RPM
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing lock	Multi position switchable brake and mechanical lock.

OPERATING WEIGHTS

Configuration	Tonnes
Gooseneck Dipper	18.6
Straight Dipper	18.9

(Excluding attachments).

STANDARD EQUIPMENT

Full hose burst check valve set up on front end work equipment. Intelligent reversible cooling fan. Front & top FOPS (Level II) cab protection. Turbo II air pre cleaner. Wastemaster branding. Climate control. Additional cab, counterweight and work equipment work lights. Beacon. Fire extinguisher. Full wastemaster guarding. Radiator mesh screen guard.

OPTIONAL EQUIPMENT

Hydraulic raise cab. 1.0, 1.2 & 1.5 metre fixed raised cab versions. Wide core radiator. Stabiliser street pads. Hot & cold climate hydraulics oils. Biodegradable oil. Cruise control.