

JCB 1THT

BRAKING SYSTEM

Working Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors
Parking Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors

ELECTRICAL SYSTEM

Voltage	12V
Battery	74Ah
Alternator	30A

DIMENSIONS

Total Length	2980mm
Total Width (Max)	998mm* / 1120mm
Wheelbase	1440mm
Ground Clearance	241mm
Height to Front Lip of Skip (untipped)	1167mm
Height to Front Lip of Skip (tipped)	1620mm (raised)
Turning Radius to Outside of Skip	2295mm
Steering Angle	+ - 45°
Oscillation	+/- 14°
Height to Top of ROPS (raised with beacon)	2832mm

* When fitted with narrow tyres

STANDARD EQUIPMENT

Folding ROPS Frame	Standard
Reversing Alarm	Standard
Flashing Beacon	Standard
Hour Metre	Standard
Seat Belt (High Visibility Orange)	Standard
Seat (adjustable fore/aft, operator weight and back angle)	Standard
Heavy Duty Articulation Lock	Standard
Wide Tyres (255 / 75 x 15.2 x 8 ply)	Standard

OPTIONS

Leg Guard	Option
Road Lights (RTA) including Front Light Guards	Option
Rear View Mirror	Option
CESAR Datatag Security	Option
Spare Wheel	Option
Special Paint	Option
Narrow Tyres (7.00 x 12)	Option
High Visibility Safety Decals for Steps & Handrails	Option
German / Swiss Road Homologation Kit	Option

HYDRAULIC SYSTEM

Pump Type	Gear
Flow Rate	29 l/min
Operating Pressure	152 bar
Steering System	Orbitrol hydrostatic steering unit powering central hydraulic steering ram



SPECIFICATIONS

PERFORMANCE

Payload	1000 Kg
Unladen Weight	1310 Kg
Tipping Type	Forward Tip - High Discharge
Skip Capacity - Water	320 litres
Skip Capacity - Struck	440 litres
Skip Capacity - Heaped	540 litres
Engine	Kubota D905
Number of Cylinders	3
Gross Power	15.5kW (20.8hp)
Displacement	898cc
Maximum Torque	56Nm
Aspiration	Naturally Aspirated
Emission Compliance	EU Stage 3A

TRANSMISSION/DRIVE

Transmission Type	Hydrostatic Pump (Poclair Twin-Lock™) to 4 Hydraulic Wheel Motors
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7.0 x 12 narrow tyre)
Drive	Hydrostatic 1/1
Maximum Travel Speed	7mph (11kph)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)

CAPACITIES

Fuel Tank Capacity	35 litres
Hydraulic Tank Capacity	25 litres

ENVIRONMENTAL

Noise Emission (to ISO 4871) - Sound Pressure	83 dB LpAd
Sound Power Level	101 dB LWAd
Noise Compliance	Noise - Equipment Used Outdoors Directive 2000/14/EC
Vibration - Hand Arm (as defined in EN474-1 all operations)	<2.5 m/s ²
Vibration - Whole Body (as defined in ISO/TR 25398 - Work Cycle)	0.529 rms (0.264 m/s ² Uncertainty)