

ENGINE

Manufacturer

JCB Diesel Max 444 T2 Turbo

Power

74 kW @ 2 200 rpm

Peak Torque

425 Nm @ 1 300 rpm

Displacement

4,4 litre, 4-cylinder, direct injection

Mechanical engine

Equipped with a dry element filtration system with secondary safety element. Onboard electronic engine protection system.

Fuel Tank Capacity

150 litres

DRIVE SYSTEM

Hydrostatic drive system

Variable displacement, axial piston pump.

Two speed

High and low range.
Four wheel drive.

Maximum speed

20 km/h (12.5 mph)

AXLES AND TYRES

Final drives

Heavy-duty outboard planetary.
Limited slip differential lock.
Rigid front axle.
Oscillating rear axle.

Rear axle oscillation travel

30 degrees, stop to stop

Tyre size

Standard: 23.1 - 26 (16 ply)
Optional: 18.4 - 30 (16 ply)

STEERING

Frame articulation

86 degrees, stop to stop

Steering control inputs

Operator joystick

BRAKES

Service brake

Hydrostatic braking, assisted by wheel-mounted dry-disc calipers on front axle, plus inboard driveline mounted disc brake.

Park brake

Spring applied, hydraulic release dry disk brake.
Hill Assist.

BOOM & GRAPPLE

Overhead boom with dual lifting cylinders and internal hose routing.

Rotator

Indexator

Standard

GV12SA

Grapple

MT500LB (0.5 m²) Including RE-GRIP feature

HYDRAULIC SYSTEM

Variable displacement, axial piston pump.

Flow Rate

100 l/min @ 1 800 rpm

System Pressure

250 bar

Hydraulic tank capacity

80 litres

ELECTRICAL SYSTEM

Single battery

12 volt

Alternator

14 volt 95 amp
LED worklights, reverse alarm & hooter.

OPERATOR STATION

Rubber mounted operator cab.
Glazed and air-conditioned operator cab.
Ergonomic operator controls - mini-coordinate joystick.

Swivel Seat

180 degrees

Instrumentation

LCD display for all systems parameters monitoring and diagnostics.
Reverse camera.
ROPS/FOPS/OPS compliant operator cab.

TRANSPORT DIMENSIONS

Width: 3 034 mm

Length: 6 930 mm

Height: 3 252 mm

OPTIONAL WINCH

Line pull

Full drum: 3.3 tons

Bare drum: 5.5 tons

Line speed 1st gear

Full drum: 75 m/min

Bare drum: 45 m/min

Line speed 2nd gear

Full drum: 150 m/min

Bare drum: 90 m/min

Cable thickness: ø10 mm

Rope length: 40 m



Dimensions

Machine Dimensions

A	Ground clearance-artic	479 mm
B	Grab reach height - boom up - attachment extended	4 456 mm
C	Outer tyre width	2 996 mm
D	Hammer reach height - boom down - attachment retracted	583 mm

