

## 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 m<sup>2</sup>) 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

