

ENGINE

JCB Diesel Max 444 T2 NA
Power: 63 kW (84 hp) @ 2 200 rpm
Peak torque: 320 Nm (236 lb-ft) @ 1 200 rpm
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 wheel drive
Two-speed drive motors
Maximum speed: 15 km/h (9.4 mph)

AXLES AND TYRES

Rigid front axle
Single rear castoring wheel
Steering by differential drive: operator pedal controlled
Tyre size - front: 23.1 - 26
Tyre size - rear: 500/50 - 17

BRAKES

Hydrostatic dynamic braking system
Spring-applied hydraulically released park brake

GRAPPLE AND ROTATOR

Free hanging timber grapple: Bell MT500LB (0.5 m²)
Rotator: Indexator heavy-duty GV12SA

HYDRAULIC SYSTEM

Variable-displacement axial-piston pump
Load-sensing hydraulic system
Single control valve with integrated flow sharing
Onboard electronic hydraulic system protection system
CANbus operator controls: low effort precision control
Hydraulic tank capacity: 100 litres

ELECTRICAL SYSTEM

Single battery: 12 volt
Alternator: 14 volt 95 amp
LED worklights, reverse alarm & hooter

OPERATOR STATION

Good visibility around the machine from the operator position

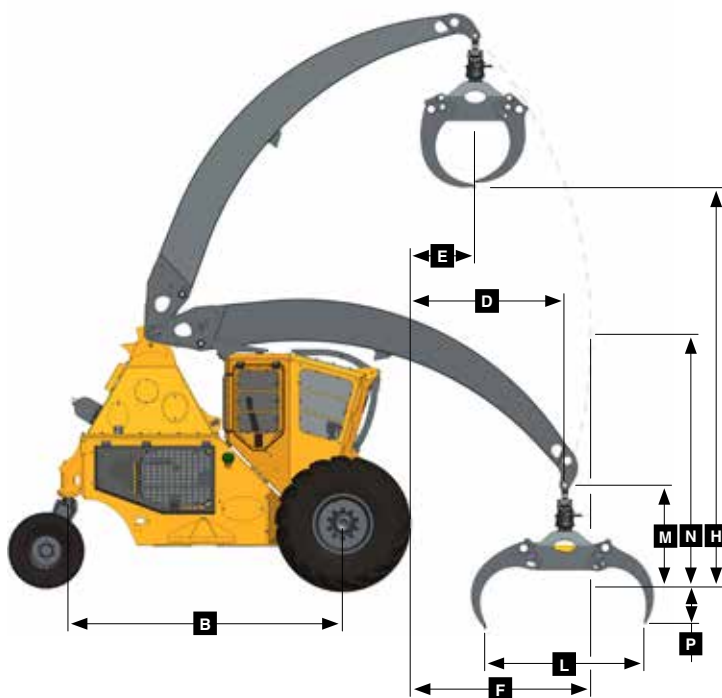
Rubber-mounted operator cab
Polycarbonate glazed and HVAC air-conditioned operator cab
Ergonomic operator controls: single joystick primary control
Instrumentation: LCD display for all systems parameters monitoring and diagnostics
Fully adjustable operator seat with four-point safety harness
ROPS/FOPS/OPS compliant operator cab

WEIGHTS AND DIMENSIONS

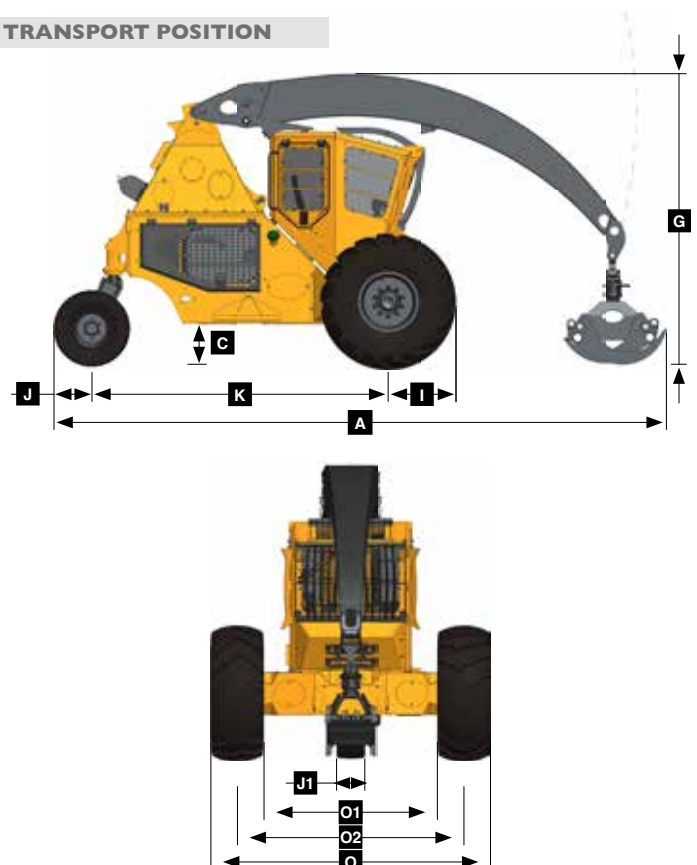
Overall width: 3 210 mm (2 960 mm turned in)
Max lift height (measured under grab): 4 577 mm
Safe lifting load: 1 750 kg
Operating weight: 8 135 kg

Dimensions

OPERATING POSITION



TRANSPORT POSITION



MACHINE DIMENSIONS

A	Length - transport position, grab closed	7 030 mm	J1	Tailwheel tyre width	324 mm
B	Front axle to tailwheel centre	3 150 mm	K	Front axle centre to tailwheel centre	3 400 mm
C	Ground clearance	480 mm	L	Grab open MT500LB	1 828 mm
D	Reach-grab @ min level	1 765 mm	M	Grab height MT500LB	1 168 mm
E	Reach, boom up	738 mm	N	Height @ max reach	2 900 mm
F	Max reach	2 071 mm	O	Width over tyres	3 200 mm
G	Height - transport with grab closed	3 335 mm	O1	Inside tyre width	2 000 mm
H	Load over height	4 584 mm	O2	Track width	2 600 mm
I	Front tyre radius	779 mm	P	Below ground reach	418 mm
J	Tailwheel free radius	470 mm			