

Technical Specifications

3500 & 4000 SERIES TELESCOPIC MATERIAL HANDLERS

	3507	3508	3509	3512	3513	4007	4008	4009	4012	4013	4017
Performance											
Maximum Lift Capacity	3,500 kg	3,500 kg	3,500 kg	3,500 kg	3,500 kg	4,000 kg	4,000 kg	4,000 kg	4,000 kg	4,000 kg	4,000 kg
Capacity at full height	2,000 kg	3,500 kg	3,500 kg	3,500 kg	3,500 kg	3,000 kg	4,000 kg	4,000 kg	4,000 kg	4,000 kg	3,000 kg
Maximum Forward Reach	4.40 m	4.40 m	5.20 m	7.90 m	9.20 m	4.40 m	4.40 m	5.20 m	7.90 m	9.20 m	12.50 m
Capacity at Maximum Forward Reach	1,000 kg	1,000 kg	1,200 kg	1,000 kg	1,000 kg	1,500 kg	1,500 kg	1,200 kg	1,400 kg	1,300 kg	700 kg
Lifting Height	7.30 m	7.90 m	9.00 m	11.50 m	13.00 m	7.30 m	7.90 m	9.00 m	11.50 m	13.00 m	16.70 m
Reach at Maximum Height	1.50 m	0.60 m	0.75 m	1.20 m	1.85 m	1.50 m	2.20 m	0.50 m	1.20 m	1.85 m	1.60 m
Break-out force with standard bucket						70 kN					
Towing Capacity						5,000 kg					
Carriage Rotation						142°					

Dimensions

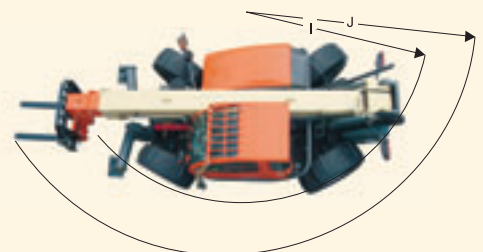
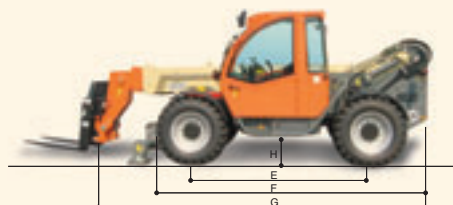
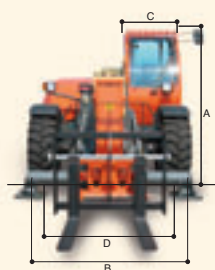
A. Overall Height	2.41 m	2.41 m	2.41 m	2.45 m	2.45 m	2.41 m	2.41 m	2.41 m	2.45 m	2.45 m	2.52 m
B. Overall Width	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m	2.38 m
C. Width of Cab	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m	0.89 m
D. Track width	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m	1.92 m
E. Wheelbase	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m	2.85 m
F. Length at front wheels	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.60 m	4.76 m
G. Length at fork-holder plate	5.30 m	5.30 m	5.62 m	5.79 m	6.00 m	5.30 m	5.30 m	5.62 m	5.79 m	6.00 m	6.09 m
H. Ground Clearance	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m
I. Turning radius over tyres	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m	3.80 m
J. Turning radius at fork	4.75 m	4.75 m	5.02 m	5.17 m	5.35 m	4.75 m	4.75 m	5.02 m	5.17 m	5.35 m	5.40 m
Gross Vehicle Weight	7,400 kg	7,400 kg	8,600 kg	10,000 kg	11,000 kg	8,100 kg	8,100 kg	9,200 kg	10,700 kg	11,800 kg	12,098 kg

Engine & Transmission

Perkins Diesel Engine 1104.44 water cooled at 2200rpm (60 kW)	Std	Std	Std	Std	Std	Std	Std	Std	-	-	-
Perkins Turbo Diesel Engine water cooled at 2200rpm (74.5 kW)	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Std	Std	Std
Travel Speed - first gear						5 km/h					
Travel Speed - second gear						10 km/h					
Travel Speed - third gear						25 km/h					
Travel Speed - fourth gear (optional) ¹	40 km/h	40 km/h	40 km/h	35 km/h	35 km/h	40 km/h	40 km/h	40 km/h	35 km/h	35 km/h	35 km/h
Transmission	Powershift										
Drive	4 x 4 x 4										
Number of gears (forward/reverse)	3 / 3 (4 / 4)										
Gradeability	45%										
Steering	4WS/Front Steer/Crab Steer										
Brakes	Wet multi disc										
Hydraulic System	Load Sensing Piston Type 132 L/min										
Fuel Tank Capacity	140 L										
Engine Oil	7.9 L										
Coolant	19.7 L										
Hydraulic Reservoir	160 L										

¹ Requires Turbo Engine option

JLG is continually researching and developing products and reserves the right to make modifications without prior notice. All data in this document is indicative. Certain options or country standards will increase weight. Specifications may change to meet country standards or with the addition of optional equipment.



266 Lo-Pro

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Performance

Maximum Lift Capacity	2,600 kg	2,600 kg	3,000 kg
Capacity at full height	2,200 kg	2,200 kg	2,600 kg
Maximum Forward Reach	3.16 m	3.16 m	3.90 m
Capacity at Maximum Forward Reach	1,000 kg	1,000 kg	1,350 kg
Lifting Height	5.80 m	5.80 m	6.90 m
Reach at Maximum Height	0.80 m	0.80 m	0.90 m
Break-out force with standard bucket	34.8 kN	34.8 kN	55 kN
Towing Capacity	5,000 kg	5,000 kg	5,000 kg
Carriage Rotation	140°	140°	140°

Dimensions

A. Overall Height	2.00 m	2.18 m	2.35 m
B. Overall Width	2.04 m	2.04 m	2.30 m
C. Width of Cab	0.89 m	0.89 m	0.89 m
D. Track Width	1.64 m	1.64 m	1.89 m
E. Wheelbase	2.69 m	2.69 m	2.90 m
F. Length at Front Wheels	3.80 m	3.80 m	4.14 m
G. Length at fork-holder plate	4.40 m	4.40 m	4.92 m
H. Ground Clearance	0.34 m	0.44 m	0.46 m
I. Turning Radius over tyres	3.90 m	3.90 m	4.40 m
J. Turning radius at fork	5.10 m	5.10 m	5.40 m
Gross Vehicle Weight (with forks)	6,300 kg	6,300 kg	7,500 kg

Engine & Transmission

Diesel Engine - Deutz 2012 at 2200 rpm	74.9 kW	74.9 kW	74.9 kW
Travel Speed - first gear	10 km/h	10 km/h	6.5 km/h
Travel Speed - second gear	32 km/h	32 km/h	32 km/h
Transmission	Hydrostatic	Hydrostatic	Hydrostatic
Drive	4 x 4 x 4	4 x 4 x 4	4 x 4 x 4
Number of gears (forward/reverse)	2/2	2/2	2/2
Gradeability	45%	45%	45%
Steering	4WS/Front Steer/Crab Steer	4WS/Front Steer/Crab Steer	4WS/Front Steer/Crab Steer
Brakes	Wet multi disc	Wet multi disc	Wet multi disc
Hydraulic System (Gear Pump)	94 L/min @ 2400 rpm	94 L/min @ 2400 rpm	94 L/min @ 2400 rpm
Fuel Tank Capacity	91 L	91 L	105 L
Engine Oil	10 L	10 L	10 L
Coolant	15 L	15 L	15 L
Hydraulic Reservoir	64 L	64 L	87 L
Tyres	405/70 - 20	405/70 - 20	405/70 - 20
Tyres (Optional)	405/70 - 24	405/70 - 24	405/70 - 24
Tyres (Optional)	-	-	17.5 - 24

Standard Features and Available Options

266 Standard Features

- 74.9 kW Deutz turbo diesel engine
- Hydraulic system output 94 L/min
- 2 Speed Hydrostatic transmission
- Single joystick proportional controls
- Four wheel drive
- Four wheel steer
- Wet disc service brakes
- Single joystick proportional controls
- Auxiliary hydraulics to end of boom
- Road lights and mudguards
- Fan assisted heater and demister
- Adjustable drivers seat with suspension
- Reverse motion alarm

266 Available Options*

- Cut-out for LMI
- Rear hydraulic outlet
- Rear adjustable site hitch
- Front cab worklights
- Rotating beacon
- Worklights on boom
- Cab air conditioning
- Front cab glass shield
- Pneumatic 405/70-20 MPT01 Ag Tyres
- Pneumatic 405/70-24 MPT01 Construction Tyres
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- Side shift carriage (in lieu of std)
- Hydraulic quick switch (in lieu of std)
- Clamp for round bales
- Fork for straw bales, two round tines
- Truss Boom (650 kg rated capacity)
- Fork mounted lift hook

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- 1.0 m³ Bucket
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* Indicative selection only. Please contact JLG for full details of available options and attachments.