

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

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