



**T35100** | Telescopic Handlers



## Performance

Lifting height	10200.0 mm
Rated capacity	3500 kg
Capacity (at max. height)	750 kg
Capacity (at max. reach)	600 kg
Max. reach	6910.0 mm
Crowding force	4600 daN

## Weights

Weight (unladen)	7200 kg
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## Traction

Standard tyres	TITAN 400/70x20 150B 166A2 LIFT RIGGER II (4 bar front/rear)
Low speed (forward/reverse)	7.0 km/h
High speed (forward/reverse)	30.0 km/h
Driving modes	Direct drive / soft drive

## Drive System

Main drive	2-speed hydrostatic motor
Transmission	Hydrostatic with electronic regulation

## Engine

Make / Model	PERKINS / 1104D-44TA turbo
Fuel	Diesel
Cooling	Liquid
Rated power (DIN 6271) at 2200 RPM	74.5 kW
Maximum torque at 1400 RPM	410.0 Nm
Number of cylinders	4
Displacement	4.40 L

## Hydraulic System

Pump type	Gear pump with LS valve
Combined pump capacity	135.00 L/min
Working pressure	265.00 bar

## Cycle Times

Lift time - no load	10.7 s
Lower time - no load	5.8 s
Telescope in time at max. reach - no load	10.4 s
Telescope in time at max. height - no load	10.5 s
Telescope out time at max. reach - no load	11.4 s
Telescope out time at max. height - no load	11.4 s

## Brakes

Engine braking	Hydrostatic
Parking and emergency brake	Negative brake with hydraulic command

## Fluid Capacities

Axles and reduction gears front / rear	9.0/8.1 L
Engine oil	8.50 L
Fuel tank	140.00 L
Hydraulic reservoir	77.00 L

## Standard Features

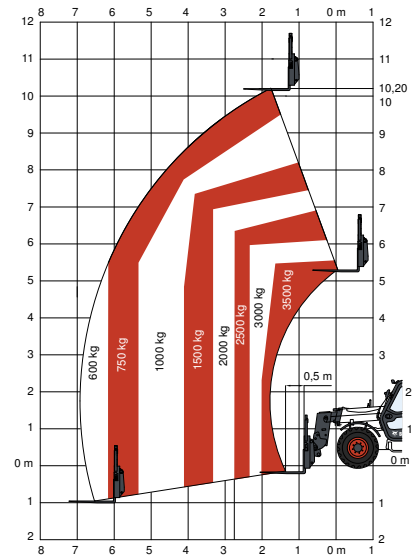
Aggravating Movements Arrester (AMA)	Right and left side mirrors
Hydrostatic transmission	Two way hydraulic supply at the end of the boom
ROPS/FOPS operator cab	Mudguards
Heating, demisting and ventilation	Turbo-charged engine
Front and rear washer/wipers	Narrow hook-up for mounting of the equipment
Suspension seat	Mechanical lock of the equipment
Road lights	Four TITAN 400/70x20 150B 166A2 Lift Rigger II tyres
Turn signals	

## Options

Back up alarm	Work light on boom
Second hydraulic function on boom	Set of blue lights for hen houses
Air conditioning	Carriage with hydraulic attachment lock
Rear hydraulic hook and mirror	Yoke and electrical plug
Rotating beacon	Roof window wiper
Cooling fan reverser for cleaning purpose	Windscreen grill
Rear hydraulic auxiliary connection	Transmission lock override
Trailer brake valve	

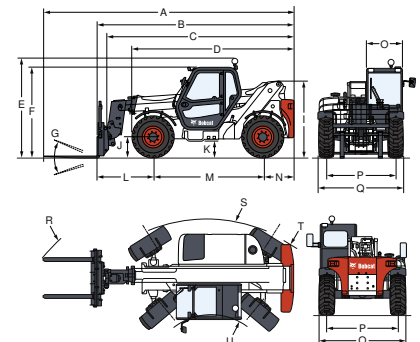
## Load Charts

With forks and TITAN 400/70 x 20 150B 166A2 LIFT RIGGER II (standard) or DUNLOP 400/70 x 20 150B 168A2 (option) tyres



Complies with stability test EN1459 Annex B

## Dimensions



(-) 1600.0 mm	(M) 2850.0 mm
(-) 920.0 mm	(N) 800.0 mm
(A) 6486.0 mm	(O) 930.0 mm
(B) 5285.0 mm	(P) 1812.0 mm
(C) 5070.0 mm	(Q) 2216.0 mm
(D) 4406.0 mm	(R) 5075.0 mm
(E) 2610.0 mm	(R) 5025.0 mm
(F) 2295.0 mm	(R) 5145.0 mm
(G) 145°	(S) 3900.0 mm
(I) 2079.0 mm	(T) 3965.0 mm
(J) 419.0 mm	(U) 1370.0 mm



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