

# M50-4

<b>M50-4</b>	
<b>Lifting</b>	
Max. capacity	5 000 kg at 600 mm CDG
Lifting height (standard mast)	3.70 m
Max. lifting height	6.00 m
<b>Unladen time</b>	
Lifting	0.4 m/s
Lowering	0.3 m/s
<b>Tyres</b>	
Forward	18-22.5 163A8 MPT-06 TL
Backward	340/80 R18 XMCL 143A8
<b>Braking</b>	
Service brake	Oil immersed multi-disc braking on front/rear axles
Parking brake	Oil immersed multi-disc mechanics on the front axle
<b>Engine</b>	
Type	PERKINS - STAGE 3B
	PERKINS 854F-E34T 54009.1.1
Cubic capacity	3400 cm <sup>3</sup>
Power	75 HP / 55.5 kW
Max.torque	318 Nm at 1400 rpm
Injection	Direct
Cooling	Water
Laden drawbar pull	10 220 daN
<b>Transmission</b>	
	Torque converter
Gearbox	Mechanical
Reversing shift	Electro-hydraulic
Number of gears (forward/reverse)	4/4
Max. travel speed (may vary according to applicable regulations)	24 km/h
Front axle differential lock	no
Control for 2/4 wheel drive	yes
<b>Controls</b>	
	Hydro-proportional levers for all movements
<b>Hydraulics</b>	
Pump	Gear pump 97 l/min - 230 bar
<b>Capacities</b>	
Hydraulic oil	80 l
Fuel	85 l
<b>Unladen weight (with standard mast forks)</b>	
	8 190 kg
<b>Dimensions</b>	
1. Front wheel centre to carriage	0.76 m
2. Wheelbase	2.12 m
3. Rear wheel centre to rear face	0.86 m
4. Overall length to carriage	3.74 m
5. Ground clearance	0.43 m
6. Inside tyre width	1.62 m
7. Overall width	2.08 m
8. Overall height	2.91 m
Standard forks (length x width x thickness)	1200 x 150 x 60 mm
Turning radius	4.57 m
Tilt standard mast (forward/backward)	15° / 15°
<b>Noise and vibration</b>	
Noise at driving position (LpA)	76 dB
Environmental noise (LwA)	104 dB
Vibration to whole hand/arm	<2.5 m/s <sup>2</sup>
Vibration on driver's body	1.16 m/s <sup>2</sup>

