

# MT1440

	MT 1440	MT 1440 A	MT 1440 H	MT 1440 HA
<b>Lifting</b>				
Max. capacity			4000 kg	
Max. lifting height			13.53 m	
Reach at max. height			1.13 m	
Break-out force with bucket			7900 daN	
<b>Unladen time</b>				
Lifting	15.5 secs	15.7 secs	15.5 secs	15.7 secs
Lowering	11.6 secs	13.3 secs	11.6 secs	13.3 secs
Extension	16.5 secs	19.2 secs	16.5 secs	19.2 secs
Retraction	11.9 secs	14.8 secs	11.9 secs	14.8 secs
Crowd			4 secs	
Dump			4 secs	
Tyres			400/80-24	
Braking			multiple-disk brake with oil bath on front and rear axles	
Engine			PERKINS - STAGE 3B	
Type			854E-34TA	
Cubic capacity			3400 cm <sup>3</sup>	
Power			102 HP/75 kW	
Max. torque			420 Nm - 1400 rpm	
Injection			direct	
Cooling			water	
Laden drawbar pull		10730 daN		8060 daN
Transmission		torque converter		hydrostatic
Reversing shift			electrohydraulic control	
Number of gears (forward/reverse)		4/4		3/3
Max. travel speed (may vary according to applicable regulations)		25 kph		27 kph
<b>Hydraulics</b>				
Pump			gear type with flow splitter - 170 l/min - 270 bar	
<b>Capacities</b>				
Hydraulic oil			175 l	
Fuel			140 l	
Unladen weight (with forks)	10850 kg	11800 kg	10900 kg	11800 kg
<b>Dimensions</b>				
1. Front wheel centre to carriage			1.90 m	
2. Ground clearance			0.37 m	
3. Overall length to front tyres			4.87 m	
4. Wheelbase			3.07 m	
5. Rear wheel centre to rear face			1.16 m	
6. Overall width of cab			0.89 m	
7. Inside tyre width			1.96 m	
8. Overall width			2.35 m	
9. Overall width (stabilizers lowered)			3.79 m	
10. Overall height			2.45 m	
Turning radius (over tyres)			3.97 m	
Frame levelling			+/- 9°	
Carriage rotation (crowd/dump)			12°/114°	
<b>Noise and vibration</b>				
Noise at driving position (LpA)			82 dB	
Environmental noise (LwA)			106 dB	
Vibration to whole hand/arm			<2.5 m/s <sup>2</sup>	
Vibration on driver's body			0.985 m/s <sup>2</sup>	

