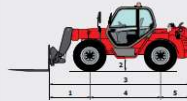




# MHT 860/780

	MHT 860	MHT 780
<b>Lifting</b>		
Max. capacity at 600 mm LC	6000 kg	8000 kg
Max. lifting height	8.10 m	6.80 m
<b>Unload time</b>		
Lifting	11.5 s	12 s
Lowering	7.8 s	9.0 s
Extension	7.7 s	9.5 s
Retraction	5.1 s	5.5 s
<b>Tyres</b>	18-22.5 16 PR	18-22.5 16 PR
<b>Braking</b>		
Service brake	multiple-disk brake with oil bath on front and rear axles	
Parking brake	automatic negative handbrake	
<b>Engine</b>		
Type	1104 D-E 44 TA	
Cubic capacity	4400 cm <sup>3</sup>	
Power	144 HP / 105 kW	
Max. torque	556 Nm - 1400 rpm	
Injection	direct	
Cooling	water	
Laden drawbar pull	10500 daN	
Gradeability (max/min)	75% / 49%	118% / 50%
<b>Transmission</b>		
Reversing shift	hydrostatic with automatic power regulation	electro magnetic
Number of gears (forward/reverse)	4 wheel drive	2/2
Max. travel speed	28 km/h	
Time to accelerate to max speed		
Auto	DANA	
Steering mode	4 wheel steer	
Steering modes	3 steering modes	
Control	360° joystick multi-function	
Load limiter cut off system - EN15000 norm		
<b>Hydraulics</b>		
Load Sensing Pump	140 l/min - 275 bar	
<b>Capacities</b>		
Hydraulic oil	140 l	
Fuel	120 l	
<b>Unload weight (with fuel)</b>	11500 kg	12800 kg
<b>Dimensions</b>		
1. Front wheel centre to carriage	1.54 m	1.07 m
2. Ground clearance	0.41 m	0.38 m
3. Overall length to front tyre	5.36 m	5.22 m
4. Wheelbase	2.73 m	2.67 m
5. Rear wheel centre to rear face	1.09 m	1.48 m
6. Overall width of cab	0.86 m	0.86 m
7. Inside tyre width	1.93 m	1.99 m
8. Overall width	2.40 m	2.44 m
9. Overall height	2.46 m	2.52 m
Standard forklift	1200 x 200 x 60 mm	
Turning radius (over turn)	3.78 m	4.30 m
Frame levelling	+/- 10°	-
Carriage rotation (one/turn)	11°/123°	12°/124°
<b>Noise and vibration</b>		
Noise at driving position (dBA)		80.8 dB
Environmental noise (dBA)		105 dB
Vibration to whole hand/arm		<2.5 m/s <sup>2</sup>
Vibration on driver's body		<0.5 m/s <sup>2</sup>

MHT 860

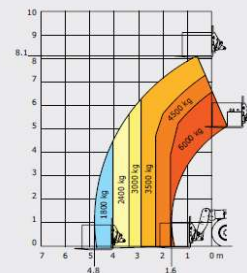


MHT 780

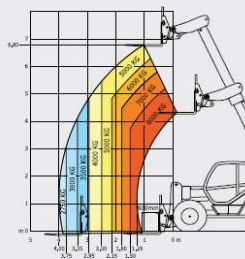


# MHT 860/780

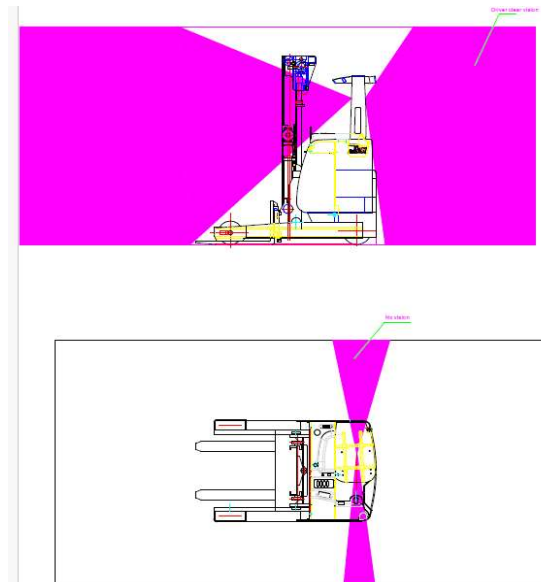
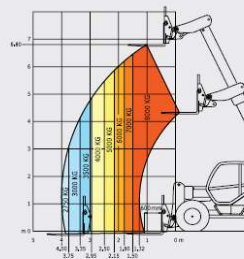
MHT 860 Rough terrain load chart



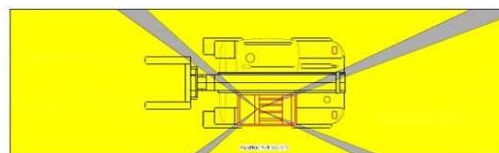
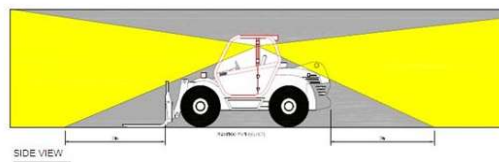
MHT 780 Rough terrain load chart



MHT 780 Industrial load chart



MANITOU SIGHT LINE DIAGRAMME



MANITOU FORKLIFT  
SIGHT LINE DIAGRAM

SIDE VIEW  
(NTS)



FRONT VIEW  
(NTS)

