
Technical sheet

MLT 840-145 PS+

Telehandlers



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Capacities	Metric	Imperial
Max. capacity	4000 kg	9,000 lbs
Max. lifting height	7.55 m	24 ft 11 in
Max. outreach	4.45 m	14 ft 8 in
Reach at max. height	0.90 m	2 ft 1 in
Weight and dimensions		
Unladen weight (with forks)	8410 kg	18,521 lbs
m4 - Ground clearance	0.43 m	2 in
l2 - Overall length to carriage (with hitch)	5.37 m	17 ft 7 in
y - Wheelbase	2.88 m	9 ft 6 in
b4 - Overall width of cab	1 m	3 ft 4 in
b1 - Overall width	2.39 m	7 ft 10 in
h17 - Overall height	2.39 m	7 ft 10 in
a4 - Crowd angle	12 °	12 °
a5 - Dump angle	135 °	135 °
Wa1 - External turning radius (over tires)	3.74 m	12 ft 4 in
Standard Tires	460/70 R24	460/70 R24
Performances		
Lifting	6.60 s	6.60 s
Lowering	4.80 s	4.80 s
Extension	6.30 s	6.30 s
Retraction	5.20 s	5.20 s
Crowd	3 s	3 s
Dump	2.40 s	2.40 s
Engine		
Brand	John Deere	John Deere
Environmental norm	Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Model	PWL 4045	PWL 4045
Number of cylinders - Cubic capacity	4 - 4500 cm ³	4 - 275 in ³
Power	141 hp / 104 kW	141 hp / 104 kW
Max. torque	540 Nm at 1600 rpm	399 ft.lbs at 1600 rpm
Laden drawbar pull	9300 daN	-
Reversible fan	Standard	Standard
Cooling system	4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Type	Torque Converter with box M-Shift	Torque Converter with box M-Shift
Number of gears (forward/reverse)	5/3	5/3
Max. travel speed (may vary according to applicable regulations)	40 km/h	25 mph
Differential lock	Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake	Automatic negative parking brake	Automatic negative parking brake
Service brake	wet disc brakes	wet disc brakes
Hydraulics		
Hydraulic pump type	Load sensing pump	Load sensing pump
Hydraulic flow - Pressure	200 l/min - 270 bar	52.84 gpm - 3916 psi
Flow sharing distributor	Standard	Standard
Tank capacities		
Hydraulic oil	156 l	41 US gal.
Fuel	126 l	33 US gal.
Diesel Exhaust Fluid (DEF)	12 l	3 US gal.
Miscellaneous		
Cab Certification	Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2

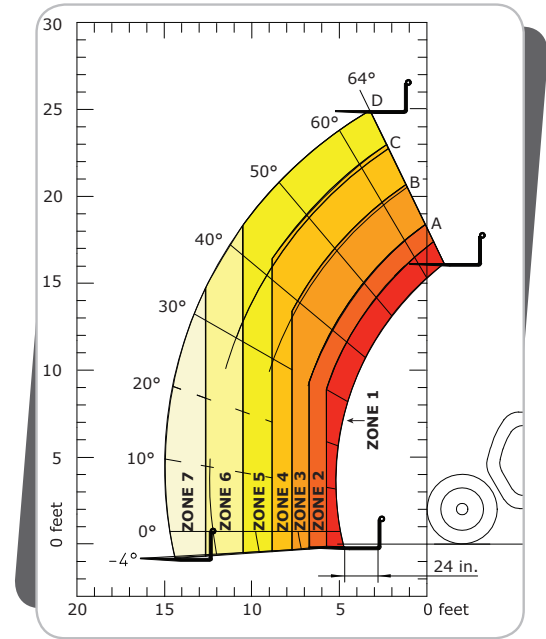
Options / Finishing

General	
Auto reversing fan	S
"Active CRC" boom suspension	S
Hand throttle with engine memo	S
Manual rotating towing hitch on counterweight	S
Comfort	
Air suspension cloth-covered seat	S
Bluetooth car radio with integrated microphone (100 W)	S
Manual air conditioning	S
Rear windshield defrost	S
Hydraulic	
Easy Connect System (ECS)	S
Regenerative Hydraulics	S
Intelligent Hydraulics	S
Continuous flow hydraulics	S
Attachment hydraulic locking	S
Return pipe to hydraulic oil tank	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O
Electrovalve for 2 hydraulic functions (on boom head)	O
Electricity	
Audio warning on reverse movements	S
Front and rear LED work lights (x4 : 2 front + 2 rear)	S
Lateral wiper	S
Roof wiper	S
Electric predisposition on boom	O
Comfort Steering	O
Video Camera Package	O

S : Standard / O : Optional / - : Not available

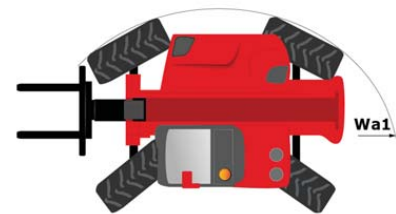
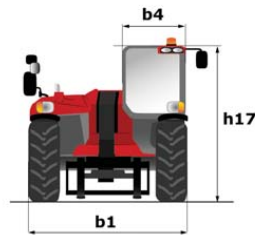
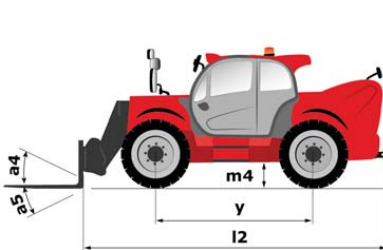
Load Chart with Forks

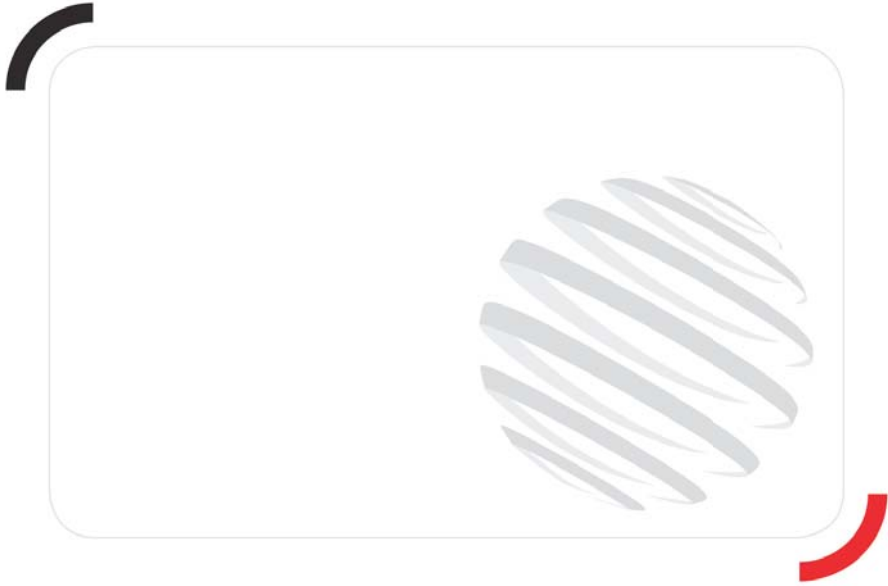
Load chart based on 24 inch (600 mm) load center per ANSI B56.6.



MLT 840 LOAD ZONES

- | | |
|-------------------------|-------------------------|
| 1. 9,000 lbs. (4082 kg) | 5. 5,000 lbs. (2268 kg) |
| 2. 8,000 lbs. (3629 kg) | 6. 4,000 lbs. (1814 kg) |
| 3. 7,000 lbs. (3175 kg) | 7. 3,200 lbs. (1452 kg) |
| 4. 6,000 lbs. (2722 kg) | |





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