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Technical sheet

# **MLT 733-115**

Telehandlers

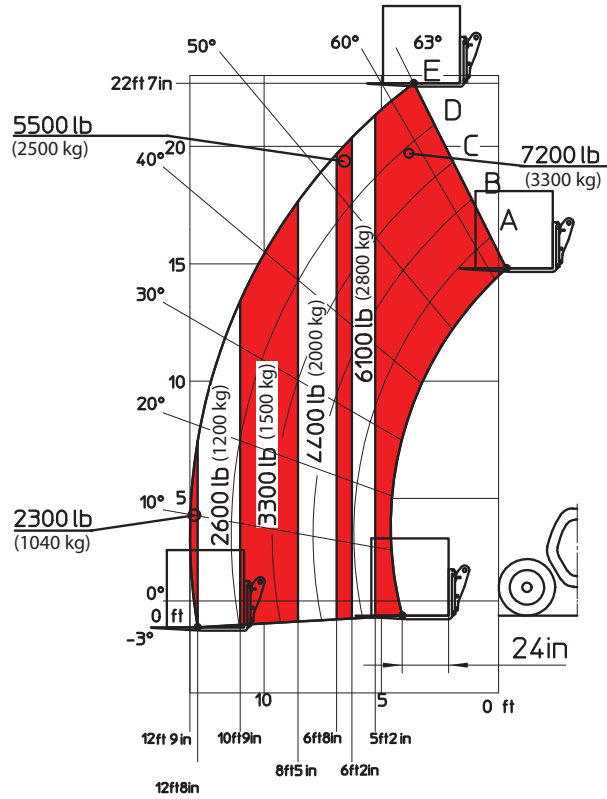
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Capacities	Metric	Imperial
Max. capacity	3300 kg	7,200 lbs
Max. lifting height	6.90 m	22 ft 7 in
Max. outreach	3.90 m	12 ft 9 in
Weight and dimensions		
Unladen weight (with forks)	7015 kg	15,465 lbs
m4 - Ground clearance	0.44 m	17 in
l2 - Overall length to carriage	4.85 m	15 ft 1 in
y - Wheelbase	2.81 m	9 ft 2 in
b4 - Overall width of cab	0.95 m	3 ft 1 in
b1 - Overall width	2.39 m	7 ft 10 in
h17 - Overall height	2.38 m	7 ft 9 in
a4 - Crowd angle	13 °	13 °
a5 - Dump angle	134 °	134 °
Wa1 - External turning radius (over tires)	3.92 m	12 ft 1 in
Standard tires	460/70 R24	460/70 R24
Performances		
Lifting	6.75 s	6.75 s
Lowering	5.65 s	5.65 s
Extension	6.50 s	6.50 s
Retraction	3.90 s	3.90 s
Crowd	3.15 s	3.15 s
Dump	2.55 s	2.55 s
Engine		
Brand	Deutz	Deutz
Environmental norm	Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Model	TCD 3.6 l	TCD 3.6 l
Number of cylinders - Cubic capacity	4 - 3621 cm <sup>3</sup>	4 - 220 in <sup>3</sup>
Power	115 hp / 85 kW	115 hp / 85 kW
Max. torque	410 Nm at 1600 rpm	302 ft.lbs at 1600 rpm
Laden drawbar pull	7380 daN	16,590 lbf
Reversible fan	Standard	Standard
Cooling system	4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Type	Powershuttle	Powershuttle
Number of gears (forward/reverse)	4/4	4/4
Max. travel speed (may vary according to applicable regulations)	32 km/h	20 mph
Differential type	Limited slip differential on front axle	Limited slip differential on front axle
Parking brake	Manual parking brake	Manual parking brake
Service brake	Hydraulic oil immersed multi-disc braking on front & rear axles	Hydraulic oil immersed multi-disc braking on front & rear axles
Hydraulics		
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow - Pressure	104 l/min - 250 bar	26.41 gpm - 3625.94 psi
Tank capacities		
Hydraulic oil	135 l	36 US gal.
Fuel	120 l	32 US gal.
Diesel Exhaust Fluid (AdBlue® type)	10 l	3 US gal.

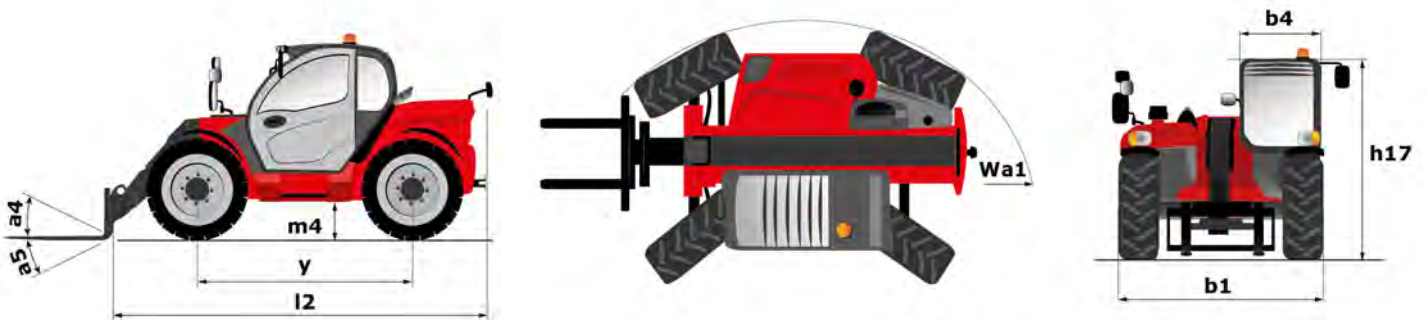
Noise & vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	76 dB	76 dB
Environmental noise LwA	105 dB	105 dB
Vibration to whole hand / arm	<2.5 m/s <sup>2</sup>	<8.2 ft/s <sup>2</sup>
Miscellaneous		
Safety	Tractor homologation EN 15000 Norm Cab ROPS - FOPS Level 2	Tractor homologation EN 15000 Norm Cab ROPS - FOPS Level 2

## Load chart



Rough terrain load chart (EN 1459 B)

## Dimensional drawing



## Options / Finishing

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

General	
Self cleaning air prefilter	S
Auto reversing fan	S
Boom suspension "Active CRC"	S
Manual towing hitch	S
Comfort	
Air suspension cloth seat (GRAMMER)	S
Bluetooth car radio with integrated microphone (100 W)	S
Manual air conditioning	S
"Harmony" display	S
Hydraulic	
Easy Connect System (ECS)	S
Continuous flow hydraulics	S
Attachment hydraulic locking	S
Return pipe to hydraulic oil tank	O
Electrovalve for 2 hydraulic functions (on boom head)	O
Electricity / Safety	
Audio warning on reverse movements	S
Front and rear LED work lights (x4 : 2 front + 2 rear)	S
Extra front wiper	S
LED work lights on boom head	S



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