

Technical sheet :

# MLT 733-115

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Capacities		Imperial
Max. capacity	Q	7275 lb
Max. lifting height	h3	22 ft 8 in
Max. outreach		12 ft 10 in
Reach at max. height		2 ft 11 in
Breakout force with bucket		5184 daN
Weight and dimensions		
Unladen weight (with forks)		15697 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	9 ft 3 in
Overall length to carriage (with hitch)	l11	15 ft 8 in
Overall length to carriage (without hitch)	l3	15 ft 8 in
Front overhang		4 ft
Overall width	b1	7 ft 10 in
Overall cab width	b4	3 ft 1 in
Overall height	h17	7 ft 10 in
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	12 ft 11 in
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		6.75 s
Lowering		5.65 s
Extension		6.50 s
Retraction		3.90 s
Crowd		3.15 s
Dump		2.55 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 221 in³
I.C. Engine power rating / Power		116 Hp / 85 kW
Max. torque / Engine rotation		339 ft/lbs @1600 rpm
Drawbar pull (Laden)		7800 daN
Reversible fan		Option
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Transmission type		Torque converter
Gearbox		Powershuttle
Number of gears (forward / reverse)		4 / 4
Max. travel speed (may vary according to applicable regulations)		21 mph
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		27 US gpm - 3626 PSI
Tank capacities		
Hydraulic oil		36 US gal
Fuel tank		32 US gal
Diesel Exhaust fluid (AdBlue® type)		3 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB
Noise to environment (LwA)		106 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

## MLT 733-115 - Dimensional drawing





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