Technical sheet:

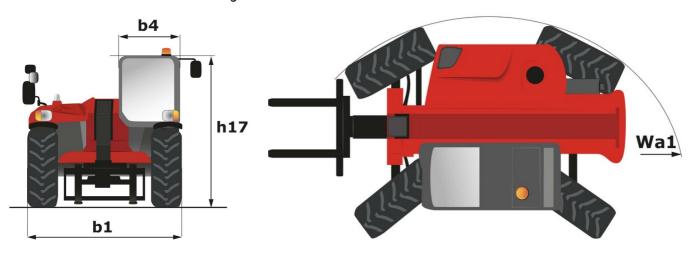
## **MLT 845-120**





Capacities		Metric	Imperial
Max. capacity	Q	4500 kg	9921 lb
Max. lifting height	h3	7.55 m	24 ft 9 in
Max. outreach		4.57 m	15 ft
Reach at max. height		1.55 m	5 ft 1 in
Breakout force with bucket		6650 daN	6650 daN
Weight and dimensions			
Unladen weight (with forks)		9130 kg	20128 lb
Ground clearance	m4	0.45 m	1 ft 6 in
Wheelbase	у	2.77 m	9 ft 1 in
Overall length to carriage (with hitch)	l11	5.22 m	17 ft 2 in
Front overhang		1.39 m	4 ft 7 in
Overall width	b1	2.42 m	7 ft 11 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.58 m	8 ft 6 in
Tilt-down angle	a5	130 °	130 °
•	a4	10 °	10 °
Filt-up angle	Wa1	4.18 m	13 ft 9 in
External turning radius (over tyres)	WdI		
Standard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Orive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		10 s	10 s
owering		6.50 s	6.50 s
Extension		11 s	11 s
Retraction		10 s	10 s
Crowd		4 s	4 s
Dump		3 s	3 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage IV	Stage IV
Engine model		TCD 3.6 I	TCD 3.6 I
Number of cylinders - Capacity of cylinders		4 - 3600 cm³	4 - 220 in³
.C. Engine power rating / Power		121 Hp / 90 kW	121 Hp / 90 kW
Max. torque / Engine rotation		480 Nm @1600 rpm	354 ft/lbs @1600 rpm
Drawbar pull (Laden)		10200 daN	10200 daN
Reversible fan		Standard	Standard
		4 radiators (water + intercooler + hydraulic oil +	4 radiators (water + intercooler + hydraulic oil -
Engine cooling system Transmission		transmission oil)	transmission oil)
		Torrico conventos	Torrus convertos
Fransmission type		Torque converter	Torque converter
Gearbox		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 lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
lydraulics			
lydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow - Pressure		150 l/min - 270 bar	40 US gpm - 3916 PSI
low sharing distributor		Standard	Standard
ank capacities			
lydraulic oil		131 I	35 US gal
uel tank		135 I	36 US gal
iesel Exhaust fluid (AdBlue® type)		10 l	3 US gal
oise and vibration			
oise at driving position (LpA) tested following NF EN 12053 norm		79 dB	79 dB
oise to environment (LwA)		103 dB	103 dB
fibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
Miscellaneous		2.00 m/0	2.00 m/ 0
ractor homologation			
		PODS - EODS laval 2 anh	DODG - EODG laval 2 aah
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM

MLT 845-120 - Dimensional drawing







## **Head Office**

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