Technical sheet:

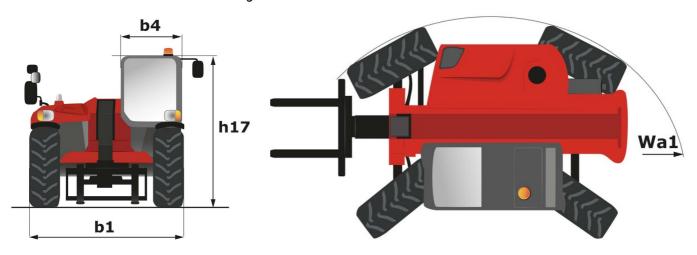
MLT 845-100 H





		MEI 643-16611 6	Created on April 26, 2024 at 6:20:08 PM
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
each at max. height		1.55 m	5 ft 1 in
reakout force with bucket		6650 daN	6650 daN
Veight and dimensions			
nladen weight (with forks)		9080 kg	20018 lb
Fround clearance	m4	0.45 m	1 ft 6 in
Vheelbase	у	2.77 m	9 ft 1 in
verall length to carriage (with hitch)	l11	5.22 m	17 ft 2 in
ront overhang		1.39 m	4 ft 7 in
verall width	b1	2.42 m	7 ft 11 in
verall cab width	b4	0.95 m	3 ft 1 in
verall height	h17	2.58 m	8 ft 6 in
ilt-down angle	a5	130 °	130 °
ilt-up angle	a4	12 °	12 °
xternal turning radius (over tyres)	Wa1	4.18 m	13 ft 9 in
tandard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
rive wheels (front / rear)		2/2	2 / 2
teering wheels (front / rear)		2/2	2/2
erformances		272	272
ifting		10 s	10 s
owering		6.50 s	6.50 s
xtension		12 s	12 s
etraction		9.50 s	9.50 s
rowd		4 s	4 s
ump		3 s	3 s
ngine		Doute	Deutz
ngine brand		Deutz Otana IV	
ngine norm		Stage IV	Stage IV
ngine model		TCD 3.6 I	TCD 3.6 I
umber of cylinders - Capacity of cylinders		4 - 3600 cm³	4 - 220 in ³
C. Engine power rating / Power		101 Hp / 74.40 kW	101 Hp / 74.40 kW
flax. torque / Engine rotation		410 Nm @1600 rpm	302 ft/lbs @1600 rpm
rawbar pull (Laden)		8460 daN	8460 daN
eversible fan		Standard	Standard
ngine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lax. travel speed (may vary according to applicable regulations)		28 km/h	17 mph
ifferential lock		Limited slip differential on front axle	Limited slip differential on front axle
arking brake		Automatic negative parking brake	Automatic negative parking brake
ervice brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axle
ydraulics			
ydraulic pump type		Variable displacement pump	Variable displacement pump
ydraulic flow - Pressure		150 I/min - 270 bar	40 US gpm - 3916 PSI
low sharing distributor		Standard	Standard
ank capacities			
ydraulic oil		131 I	35 US gal
uel tank		135 I	36 US gal
esel Exhaust fluid (AdBlue® type)		10	3 US gal
pise 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
bration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s ²
liscellaneous		\ 2.50 III/S	· 2.30 III/3
ractor homologation		DODE FOR level 2 ask	DODE FOREleval 2 ask
afety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM

MLT 845-100 H - Dimensional drawing







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