Technical sheet :

MT 1135 HA EASY ST5



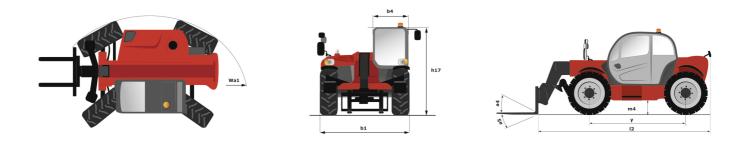


MT 1135 HA EASY ST5 Created on April 25, 2024 at 8:21:26 PM UTC

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Capacities		Metric	Imperial
Max. capacity		3500 kg	7716 lb
Max. lifting height		11.05 m	36 ft 3 in
Max. outreach		7.75 m	25 ft 5 in
Breakout force with bucket		6400 daN	6400 daN
Weight and dimensions			
Overall length to carriage	111	5.37 m	17 ft 7 in
Length to face of forks	12	5.37 m	17 ft 7 in
Overall width	b1	2.28 m	7 ft 6 in
Overall height	h17	2.42 m	7 ft 11 in
Wheelbase	у	2.88 m	9 ft 5 in
Ground clearance	m4	0.41 m	1 ft 4 in
Overall cab width	b4	0.88 m	2 ft 11 in
Tilt-up angle	a4	16 °	16 °
Tilt-down angle	a5	114 °	114 °
External turning radius (over tyres)	Wa1	3.65 m	12 ft
Unladen weight (with forks)		8915 kg	19654 lb
Overall weight		8915 kg	19654 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
Performances	., ., .		
Lifting		8.50 s	8.50 s
Lowering		7 s	7 s
Extension		13 s	13 s
Retraction		9 s	9 s
Crowd		3 s	3 s
Dump		3 s	3 s
		5 5	3 5
Engine		Deute	Deute
Engine brand		Deutz	Deutz
Engine norm		Stage V / Tier 4 final	Stage V / Tier 4 final
Engine model		TD 3,6 L	TD 3,6 L
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³	4 - 221 in ³
I.C. Engine power rating - Power		75 Hp / 55.40 kW	75 Hp / 55.40 kW
Max. torque / Engine rotation		330 Nm @ 1600 rpm	243 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		8000 daN	8000 daN
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		3 / 2	3 / 2
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic parking brake	Automatic parking brake
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		125 l/min-270 bar	33 US gpm-3916 PSI
Tank capacities			
Engine oil		10	3 US gal
Hydraulic oil		140	37 US gal
Fuel tank		120	32 US gal
Noise and vibration			
Noise at driving position (LpA)		78 dB	78 dB
Noise to environment (LwA)		103 dB	103 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Compatible platform			
	Q	1000 kg	2205 lb
Platform capacity		3	3
Number of people	lp / ep	2000 m x 1200 m	6561 ft 8 in x 3937 ft
Number of people Platform dimensions (length x width)	lp / ep	2000 m x 1200 m 1150 kg	6561 ft 8 in x 3937 ft 2535 lb
Number of people Platform dimensions (length x width) Platform weight*	lp / ep	2000 m x 1200 m 1150 kg	6561 ft 8 in x 3937 ft 2535 lb
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous	lp / ep	1150 kg	2535 lb
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear)	lp / ep	1150 kg 2 / 2	2535 lb 2 / 2
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear)	lp / ep	1150 kg 2 / 2 2 / 2	2535 lb 2 / 2 2 / 2
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation	lp / ep	1150 kg 2 / 2 2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cab	2535 lb 2 / 2 2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cab
Platform capacity Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation Controls	lp / ep	1150 kg 2 / 2 2 / 2	2535 lb 2 / 2 2 / 2

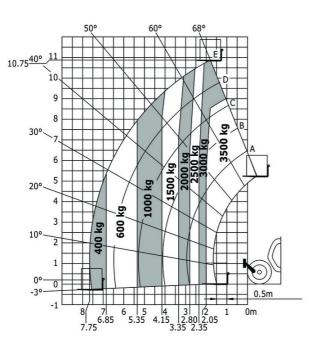
Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1135 HA Easy ST5 - Dimensional drawing

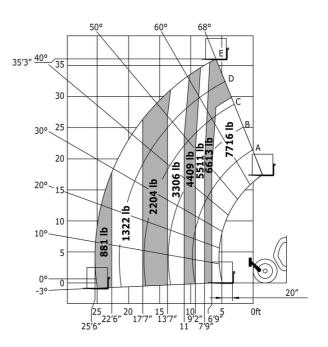


MT 1135 HA Easy ST5 - Load chart

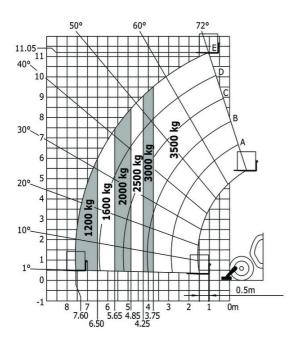
Machine on tyres with forks - with levelling device Metric



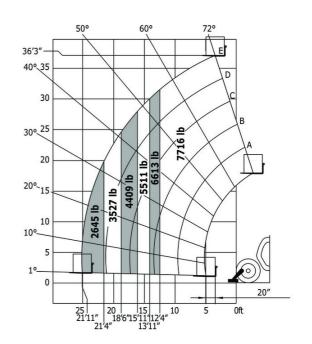
Machine on tyres with forks Imperial



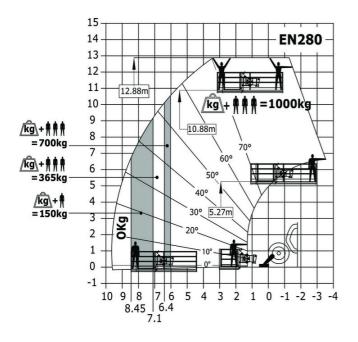
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with forks Imperial



Machine on stabilisers with Man basket Metric





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