Technical sheet:

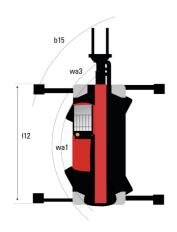
MRT-X 2545 EASY 400°

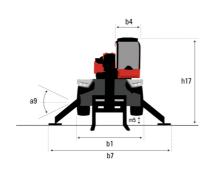


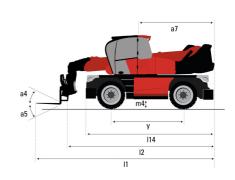


			Created on April 25, 2024 at 2:21:27 PM
Capacities		Metric	Imperial
Max. capacity		4500 kg	9921 lb
Max. lifting height		24.70 m	81 ft
Max. outreach		19.40 m	63 ft 8 in
Veight and dimensions			
Overall length (with forks)	I1	7.06 m	23 ft 2 in
ength to face of forks	12	7.06 m	23 ft 2 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	3.02 m	9 ft 11 in
Overall cab width	b4	0.95 m	3 ft 1 in
Ground clearance	m4	0.32 m	1 ft 1 in
Vheelbase	у	2.73 m	8 ft 11 in
rame leveling longitudinal +/-		0 °	0 °
ïlt-up angle	a4	10 °	10 °
ilt-down angle	a5	107 °	107 °
Overall weight		15540 kg	34260 lb
orks length / width / section	l/e/s	1200 mm x 125 mm x 15 mm	47 in x 5 in x 0.59 in
Vheels			
ïres type		Pneumatic	Pneumatic
Standard tires		18-19,5	18-19,5
Prive wheels (front / rear)		2/2	2 / 2
Stabilisers			
Stabs Type		Wing Type	Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
ingine			
ingine brand		Perkins	Perkins
ngine norm		Stage IIIA	Stage IIIA
ngine model		1104D-44T	1104D-44T
C. Engine power rating / Power / Engine rotation		101 Hp / 74.50 kW @ 1200 rpm	101 Hp / 74.50 kW @ 1200 rpm
Max. torque		1400 Nm	1033 ft/lbs
lumber of cylinders - Capacity of cylinders		3400 - 4400 cm³	3400 - 269 in³
njection		engine Injection direct	engine Injection direct
ingine cooling system		Water	Water
lectric circuit			
Battery voltage		12 V	12 V
2V Battery capacity		120 Ah	120 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2 / 2
flax. travel speed		32 km/h	20 mph
rawbar pull		7900 daN	7900 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		270 bar	3916 PSI
lydraulic tank capacity		150 l	40 US gal
ank capacities			
ngine oil		150 l	40 US gal
ydraulic oil		150 l	40 US gal
uel tank		130 l	34 US gal
oise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
loise to environment (LwA)		104 dB	104 dB
ibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s²
Miscellaneous			
steering wheels (front / rear)		2/2	2 / 2
		2 Joysticks	2 Joysticks
OHUOIS			
Controls Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

MRT-X 2545 Easy 400° - Dimensional drawing







Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Outer turning radius (with forks)	
Overall width with stabilisers extended	
Overall height	
Frame leveling corrector	

	Metric
l14	4.72 m
у	2.73 m
m4	0.32 m
a7	3.03 m
a4	10 °
a5	107 °
b15	4.62 m
b7	4.98 m
h17	3.02 m
-0	./ 0 °

impenai	
15 ft 6 in	
8 ft 11 in	
1 ft 1 in	
9 ft 11 in	
10 °	
107 °	
15 ft 2 in	
16 ft 4 in	
9 ft 11 in	
±/₋ ∩ °	





Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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