Technical sheet:

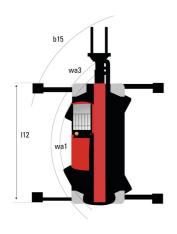
MRT 2145 EASY T4 S2 400°

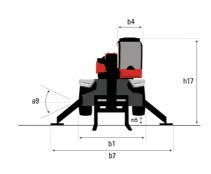


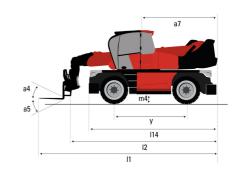


Capacities		Metric	Imperial
Max. capacity		4500 kg	9921 lb
Max. lifting height		20.60 m	67 ft 7 in
Maximum outreach		17.91 m	58 ft 9 in
/eight and dimensions		17.51 III	30 11 9 111
verall length (with forks)	I1	7.79 m	25 ft 7 in
ength to face of forks	12	6.59 m	21 ft 7 in
verall width	b1	2.50 m	8 ft 2 in
verall height	h17	3.02 m	9 ft 11 in
verall cab width	b4	0.95 m	3 ft 1 in
uter frame turning radius	Wa3	4.62 m	15 ft 2 in
round clearance	m4	0.32 m	151(211) 1 ft 1 in
/heelbase		2.73 m	8 ft 11 in
	y 04	2.73 III 10 °	10°
It-up angle	a4 a5	107 °	10 107 °
It-down angle	аэ		
urret rotation		400 °	400 °
verall weight	1.4	14530 kg	32033 lb
orks length / width / section	I/e/s	1200 mm x 125 mm x 50 mm	47 in x 5 in x 2 in
heels		4045	
andard tires		18-19,5	18-19,5
rive wheels (front / rear)		2/2	2/2
teering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers			
tabilizers Type		Wing Type	Wing Type
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneo
ngine			
ngine brand		Perkins	Perkins
ngine norm		Stage IIIB, Tier 4 final	Stage IIIB, Tier 4 final
ngine model		854F-E34TA	854F-E34TA
C. Engine power rating / Power / Engine rotation		74 Hp / 55 kW @ 1200 rpm	74 Hp / 55 kW @ 1200 rpm
lax. torque		424 Nm	313 ft/lbs
umber of cylinders - Capacity of cylinders		4 - 3400 cm³	4 - 207 in³
jection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit			
attery voltage		12 V	12 V
2V Battery capacity		180 Ah	180 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
umber of gears (forward / reverse)		2/2	2/2
ax. travel speed		37 km/h	23 mph
rawbar pull		7900 daN	7900 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
ydraulics			
ydraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		270 bar	3916 PSI
ydraulic tank capacity		8.50 I	2 US gal
ank capacities			
ingine oil		8.50 I	2 US gal
uel tank		130 I	34 US gal
oise and vibration			
pise at driving position (LpA)		79.70 dB	79.70 dB
oise to environment (LwA)		105 dB	105 dB
bration on hands/arms		< 2.50 m/s²	< 2.50 m/s ²
liscellaneous		- 2.00 11/3	· 2.50 m/s
teering wheels (front / rear)		2 / 2	2 / 2
ontrols		2 / Z 2 Joysticks	
			2 Joysticks
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2

MRT 2145 Easy T4 S2 400° - Dimensional drawing



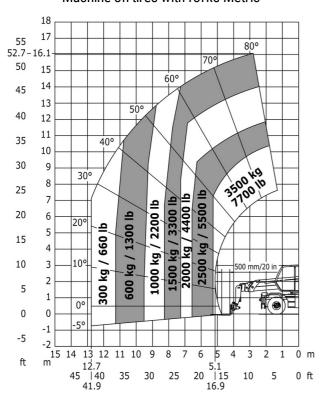




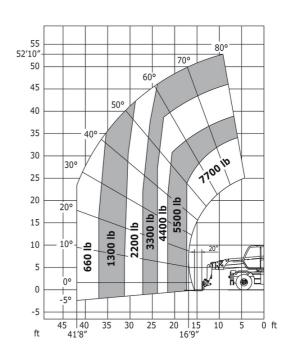
Other data		Metric	Imperial
Length of frame	l14	4.71 m	15 ft 5 in
Wheelbase	у	2.73 m	8 ft 11 in
Ground clearance	m4	0.32 m	1 ft 1 in
Counterweight offset (turret at 90Ű)	a7	2.70 m	8 ft 10 in
Tilt-up angle	a4	10 °	10 °
Tilt-down angle	a5	107 °	107 °
Overall length at stabilisers	l12	4.71 m	15 ft 5 in
Outer frame turning radius	Wa3	4.62 m	15 ft 2 in
Outer turning radius (with forks)	b15	6.10 m	20 ft
Overall width with stabilisers extended	b7	4.98 m	16 ft 4 in
Overall height	h17	3.02 m	9 ft 11 in
Ground clearance under front tires on stabilizers	m5	0.22 m	9 in

MRT 2145 Easy T4 S2 400° - Load chart

Machine on tires with forks Metric

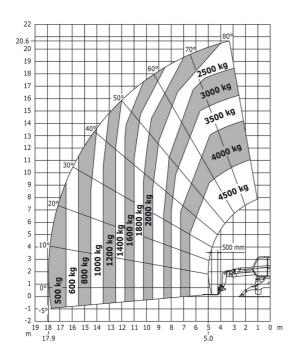


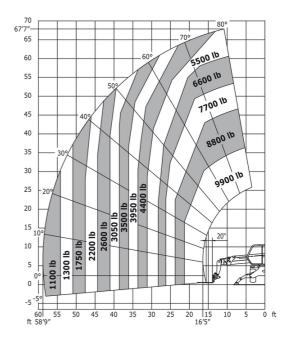
Machine on tires with forks Imperial



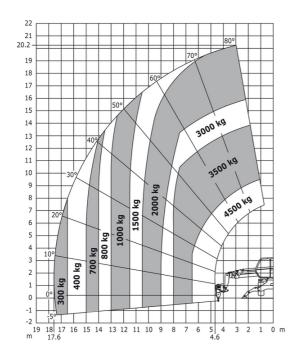
Machine on lowered stabilisers with forks Metric

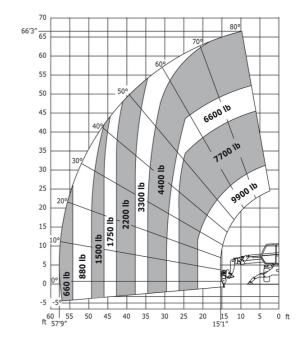
Machine on lowered stabilisers with forks Imperial





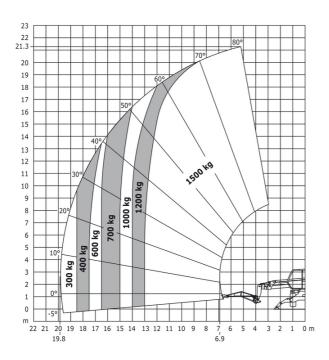
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

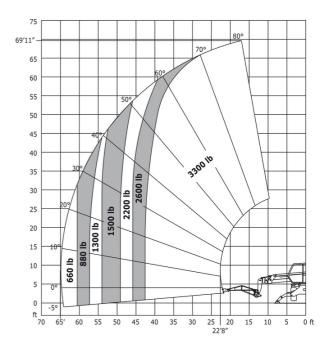




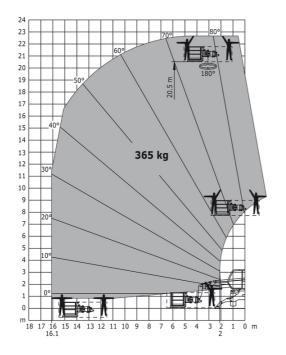
Machine on lowered stabilisers with 1500 kg jib Metric

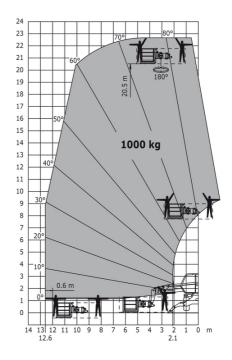
Machine on lowered stabilisers with 1500 kg jib Imperial





Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric









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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes