Technical sheet :

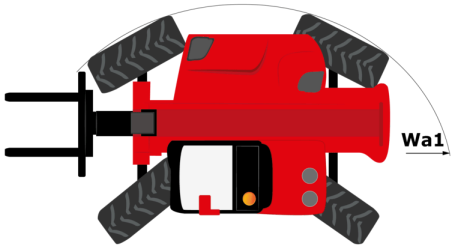
MHT 12330

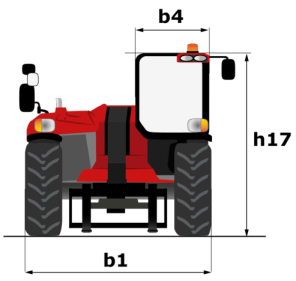


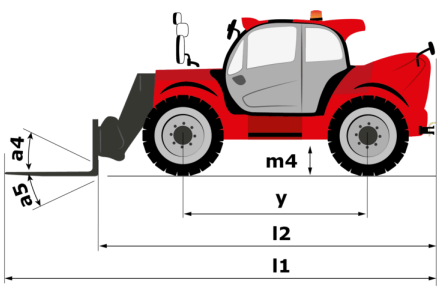
MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	72753 lb
Load center of gravity	c	47 in
Max. lifting height		39 ft 1 in
Max. outreach		21 ft 8 in
Weight and dimensions		
Overall length	l1	35 ft 4 in
Unladen weight (with forks)		108027 lb
Ground clearance	m4	1 ft 11 in
Wheelbase	y	16 ft 1 in
Length to face of forks	l2	27 ft 6 in
Overall width	b1	9 ft 9 in
Overall height	h17	11 ft 10 in
Overall cab width	b4	3 ft 2 in
Tilt-up angle	a4	10 °
Tilt-down angle	a5	100 °
External turning radius (over tyres)	Wa1	24 ft 4 in
Outer turning radius (with forks)	b15	30 ft 7 in
Forks length / width / section	l / e / s	94 in x 4 in x 10 in
Frame leveling corrector	a9	6 °
Wheels		
Standard tires		21.00 R35
Number of front wheels / rear wheels		2 / 2
Steering wheels (front / rear)		4 / 4
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Deutz
Engine norm		Stage V, Tier 4 final
Engine model		TCD 6.1 L6
Number of cylinders / Capacity of cylinders		6 - 372 in³
Engine power (Hp / kW)		245 Hp / 180 kW
Max. torque / Engine rotation		738 ft/lbs@1450 rpm
Engine cooling system		Water
Number of batteries		2
Battery voltage		12 V
Drawbar pull		28400 daN
Transmission		
Transmission type		Hydrostatic with Powershift
Number of gears (forward / reverse)		3 / 3
Max. travel speed		16 mph
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden)		36 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		82 US gpm - 5076 PSI
Tank capacities		
Engine oil		6 US gal
Hydraulic oil		151 US gal
Fuel tank capacity		159 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		8 US gal
Noise and vibration		
Noise to environment (LwA)		110 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 12330 - Dimensional drawing

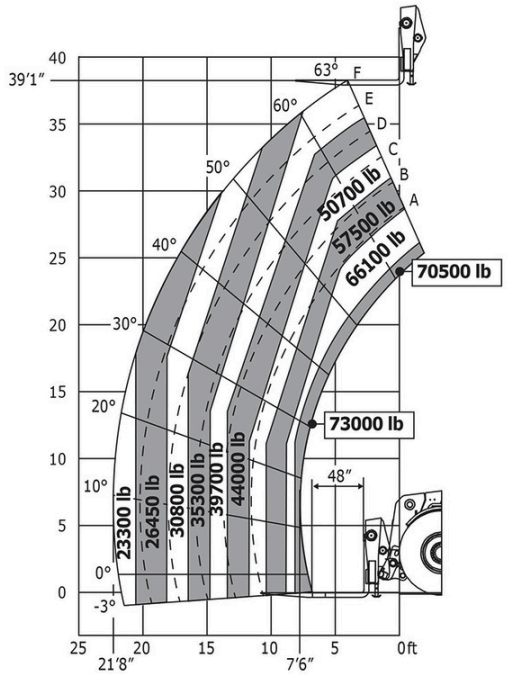




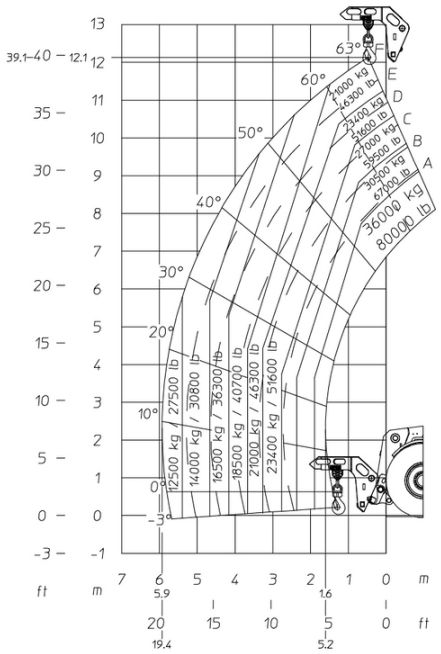


MHT 12330 - Load chart

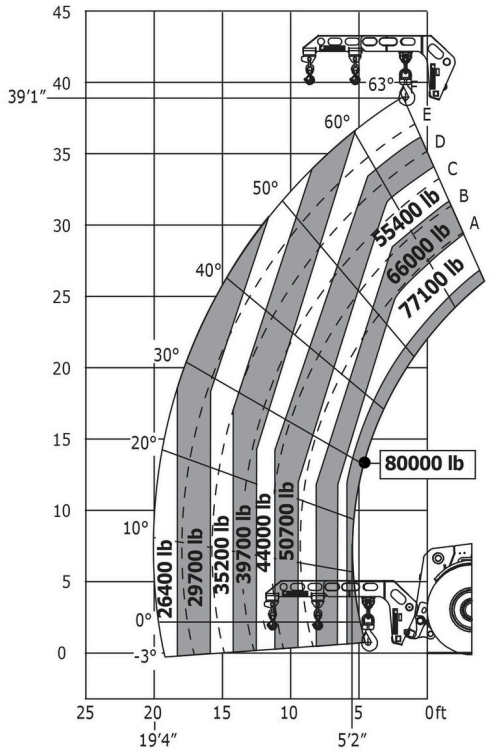
Machine on tires with forks LC 1200 mm Imperial



Machine on tires with hook 36000 kg (Imperial)



Machine on tires with 3-hook jib 36000 kg (Imperial)



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