

Technical sheet :

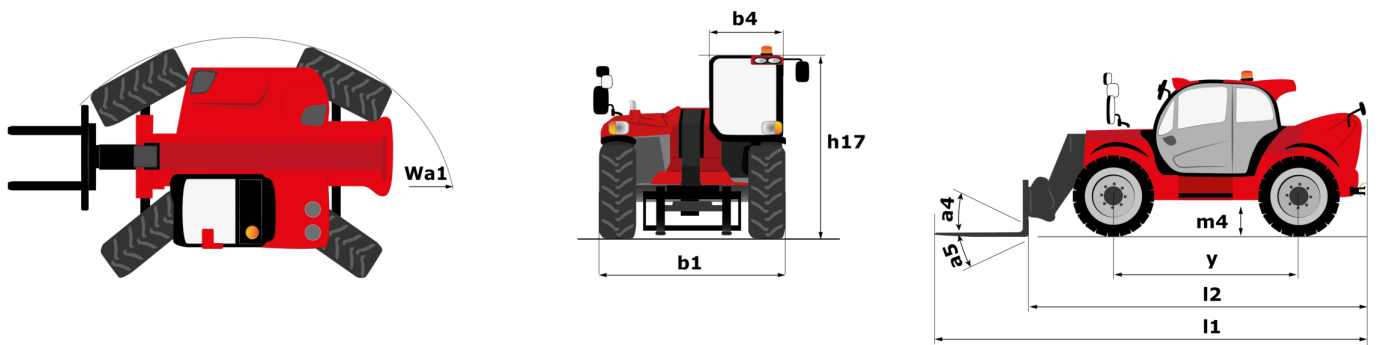
# MHT-X 12330



 **MANITOU**  
HANDLING YOUR WORLD

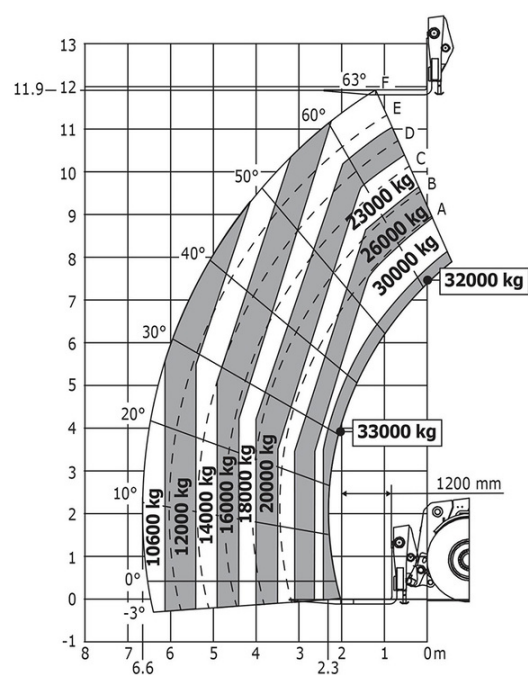
Capacities		Metric	Imperial
Max. capacity		33000 kg	72753 lb
Load center of gravity	c	1200 mm	47 in
Max. lifting height		11.92 m	39 ft 1 in
Maximum outreach		6.60 m	21 ft 8 in
Weight and dimensions			
Overall length	l1	10.77 m	35 ft 4 in
Unladen weight (with forks)		49000 kg	108027 lb
Ground clearance	m4	0.59 m	1 ft 11 in
Wheelbase	y	4.90 m	16 ft 1 in
Length to face of forks	l2	8.37 m	27 ft 6 in
Overall width	b1	2.98 m	9 ft 9 in
Overall height	h17	3.60 m	11 ft 10 in
Overall cab width	b4	0.97 m	3 ft 2 in
Tilt-up angle	a4	10 °	10 °
Tilt-down angle	a5	100 °	100 °
External turning radius (over tyres)	Wa1	7.42 m	24 ft 4 in
Outer turning radius (with forks)	b15	9.33 m	30 ft 7 in
Forks length / width / section	l / e / s	2400 mm x 250 mm x 110 mm	94 in x 10 in x 4 in
Frame leveling corrector	a9	6 °	6 °
Wheels			
Standard tires		21.00 R35	21.00 R35
Number of front wheels / rear wheels		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage III / Tier 3	Stage III / Tier 3
Engine model		TCD 6.1 L6	TCD 6.1 L6
Number of cylinders / Capacity of cylinders		6 - 6100 cm³	6 - 372 in³
I.C. Engine power rating / Power		245 Hp / 180 kW	245 Hp / 180 kW
Max. torque / Engine rotation		1000 Nm@1450 rpm	738 ft/lbs@1450 rpm
Engine cooling system		Water	Water
Number of batteries		2	2
Battery voltage		12 V	12 V
Drawbar pull		28400 daN	28400 daN
Transmission			
Transmission type		Hydrostatic with Powershift	Hydrostatic with Powershift
Number of gears (forward / reverse)		3 / 3	3 / 3
Max. travel speed		25 km/h	16 mph
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden)		36 %	36 %
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		310 l/min - 350 bar	82 US gpm - 5076 PSI
Tank capacities			
Engine oil		21 l	6 US gal
Fuel tank		600 l	159 US gal
Noise and vibration			
Noise to environment (LwA)		110 dB	110 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm		71 dB	71 dB
Miscellaneous			
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Controls		JSM	JSM
Attachment recognition system (E-Reco)		Standard	Standard

MHT-X 12330 - Dimensional drawing

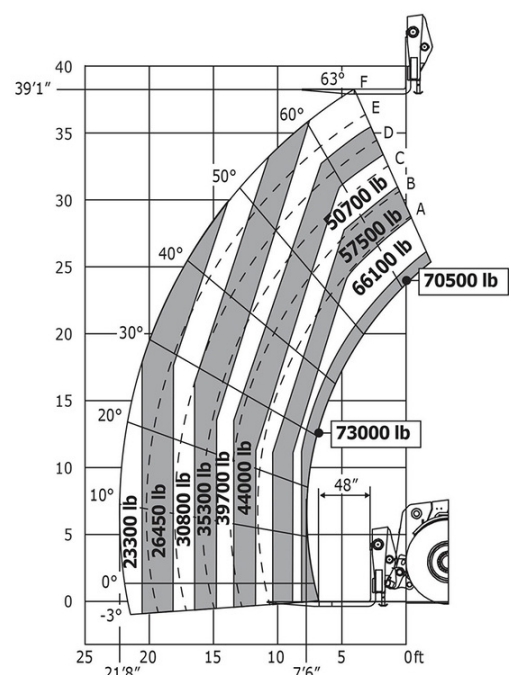


MHT-X 12330 - Load chart

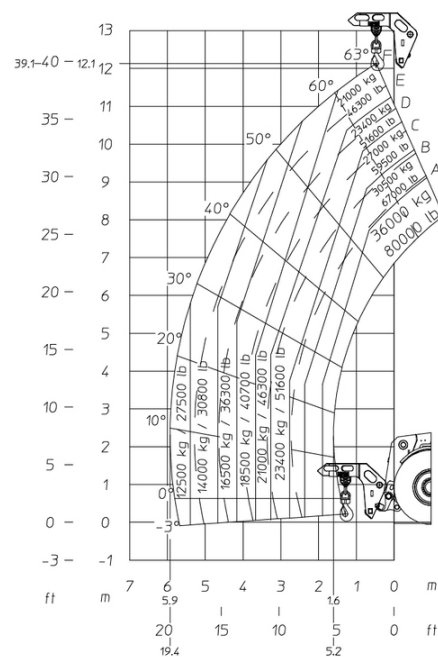
Machine on tires with forks LC 1200 mm Metric



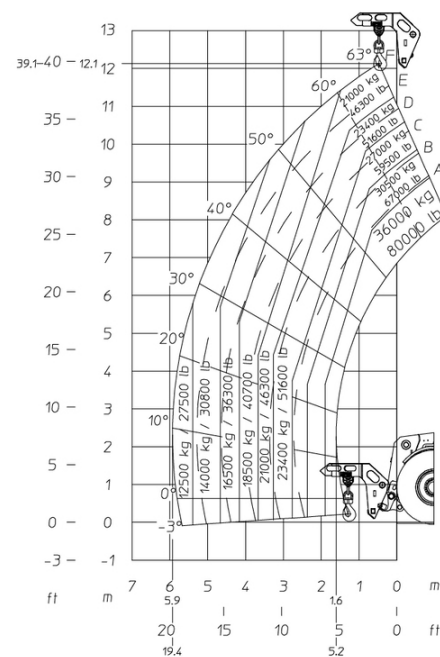
Machine on tires with forks LC 1200 mm Imperial



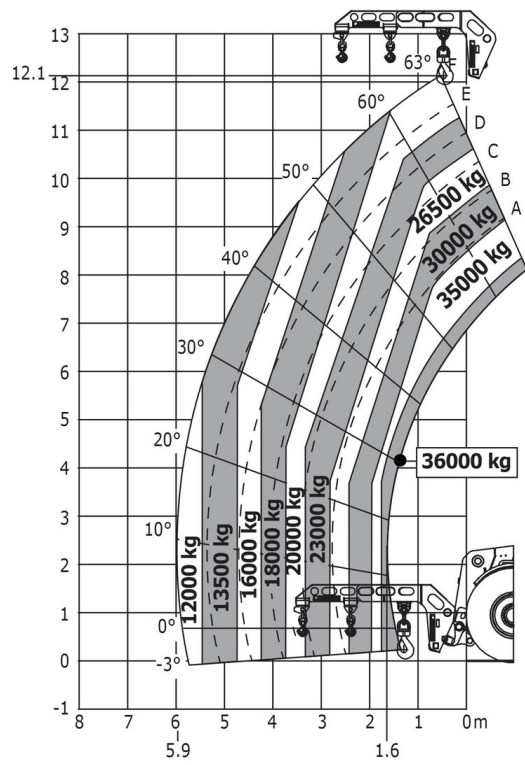
Machine on tires with hook 36000 kg (Metric)



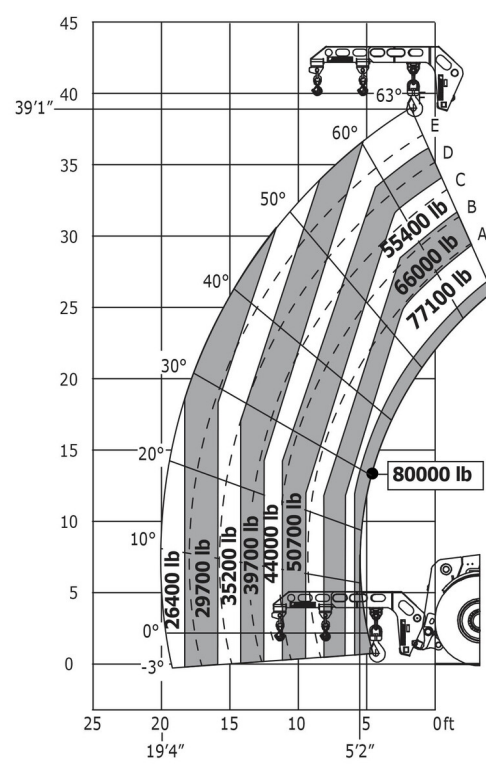
Machine on tires with hook 36000 kg (Imperial)



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



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





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