

Technical sheet :

MRT 2660 E

OXYGEN

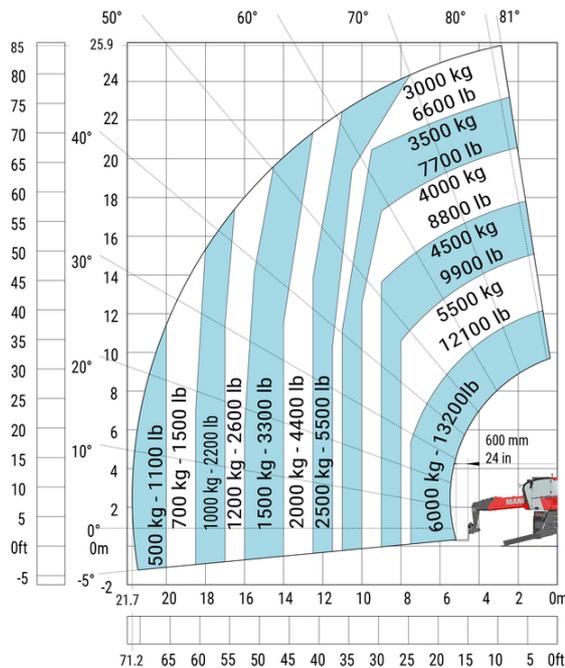
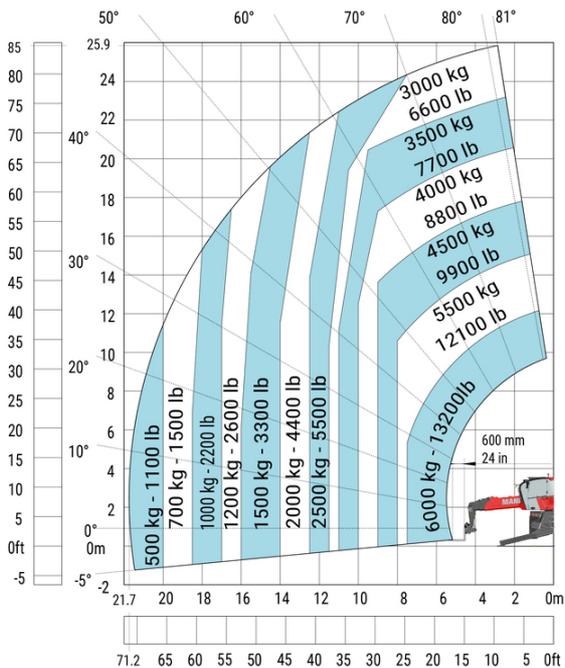


 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity		6000 kg	13228 lb
Max. lifting height		25.90 m	85 ft
Maximum outreach		21.70 m	71 ft 2 in
Weight and dimensions			
Overall length (with forks)	l1	9.28 m	30 ft 5 in
Length to face of forks	l2	8.08 m	26 ft 6 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	3.10 m	10 ft 2 in
Overall cab width	b4	0.96 m	3 ft 2 in
External turning radius (over tyres)	Wa1	4.46 m	14 ft 8 in
Ground clearance	m4	0.38 m	1 ft 3 in
Wheelbase	y	3.05 m	10 ft
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	110 °	110 °
Turret rotation		360 °	360 °
Overall weight		18000 kg	39683 lb
Forks length / width / section	l / e / s	100 mm x 1200 mm x 60 mm	4 in x 47 in x 2 in
Wheels			
Standard tires		445/65 R22,5	445/65 R22,5
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
Stabilisers			
Stabilizers Type		Telescopic Duplex	Telescopic Duplex
Controls for stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
12V Battery capacity		120 Ah	120 Ah
Battery starting current		850 A	850 A
Engine/Battery			
Battery technology		Lithium-ion	Lithium-ion
Battery capacity		105 Ah	105 Ah
Battery nominal voltage		624 V	624 V
Battery max. voltage		680 V	680 V
Battery energy		65 kWh	65 kWh
Drive motor power rating		107 kW	107 kW
Hydraulic motor power		84 kW	84 kW
Charger Power / Phase / Current type		11 kW / Single-phase or three-phase / AC	11 kW / Single-phase or three-phase / AC
Transmission			
Transmission type		Electrical	Electrical
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		37 km/h	23 mph
Drawbar pull		8600 daN	8600 daN
Drawbar pull continuous		4300 daN	4300 daN
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
Performances			
Gradeability (laden / unladen)		36 % / 48 %	36 % / 48 %
Gradeability continuous (laden / unladen)		18 % / 23 %	18 % / 23 %
Hydraulics			
Hydraulic pump type		Fixed displacement piston	Fixed displacement piston
Hydraulic flow		175 l/min	46 US gpm
Hydraulic Pressure	Hydraulic Pressure	350 bar	5076 PSI
Hydraulic tank capacity		200 l	53 US gal
Noise and vibration			
Noise at driving position (LpA)		65 dB	65 dB
Noise to environment (LWA)		103 dB	103 dB
Vibration on hands/arms		2.50 m/s ²	8 ft/s ²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard	Standard

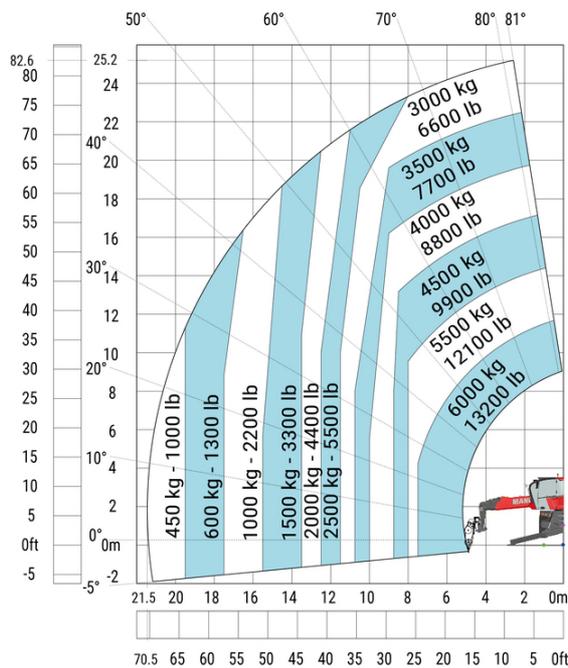
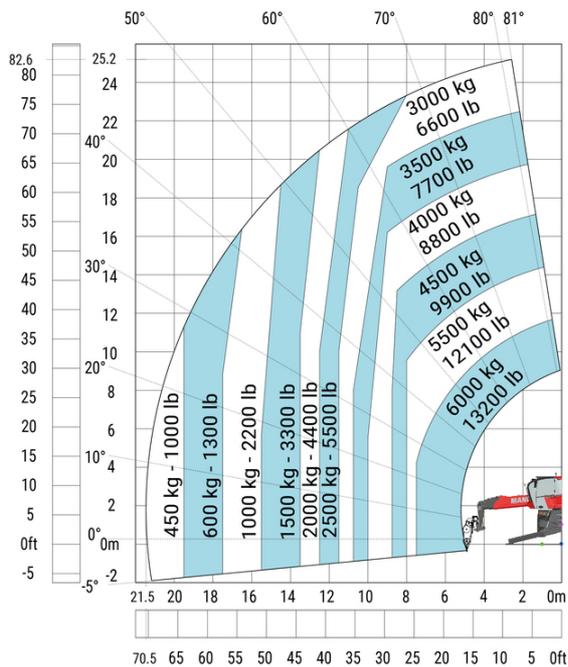
Machine on lowered stabilisers with forks (CAF) Metric

Machine on lowered stabilisers with forks (CAF) Imperial



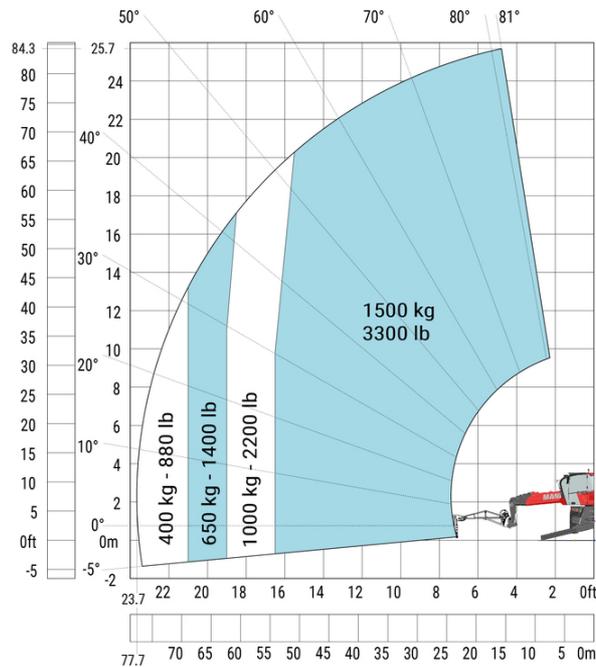
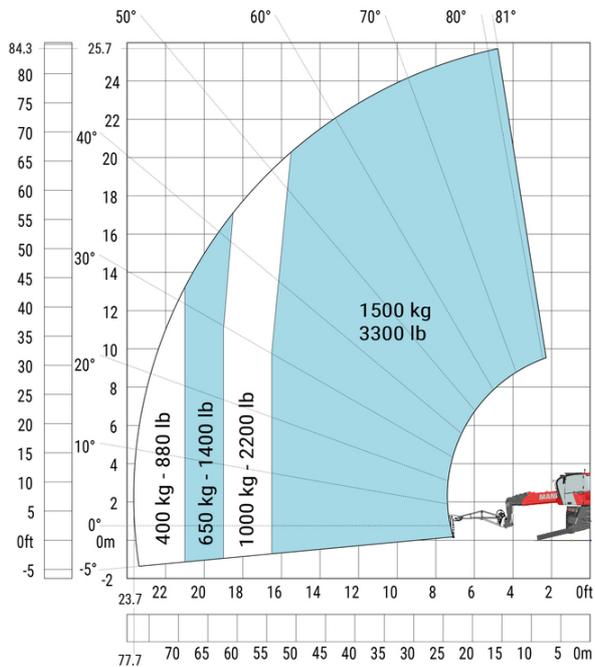
Machine on lowered stabilisers with winch 6000 kg (Metric)

Machine on lowered stabilisers with winch 6000 kg (Imperial)



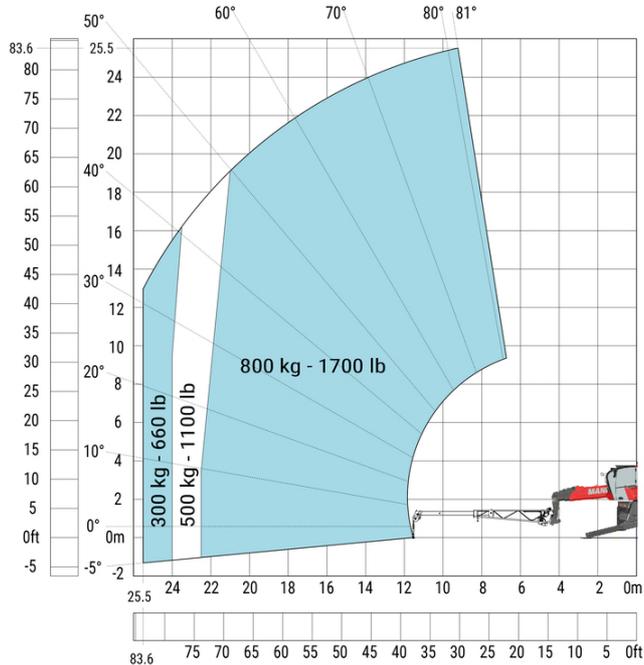
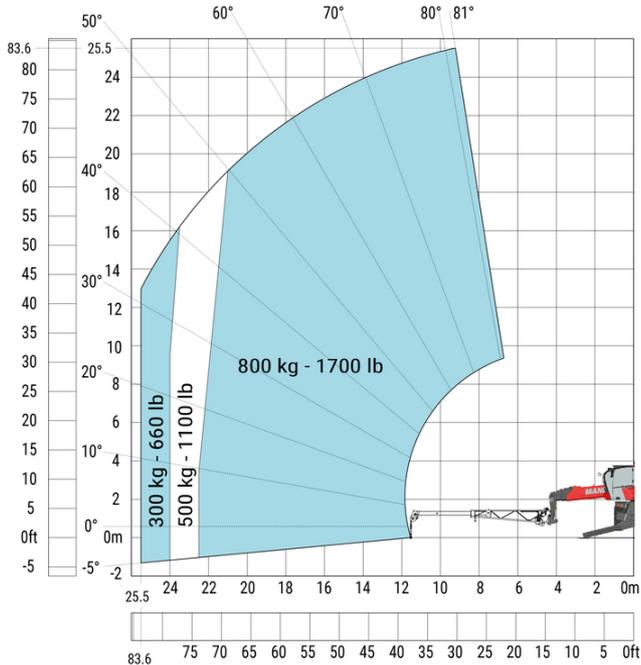
Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)

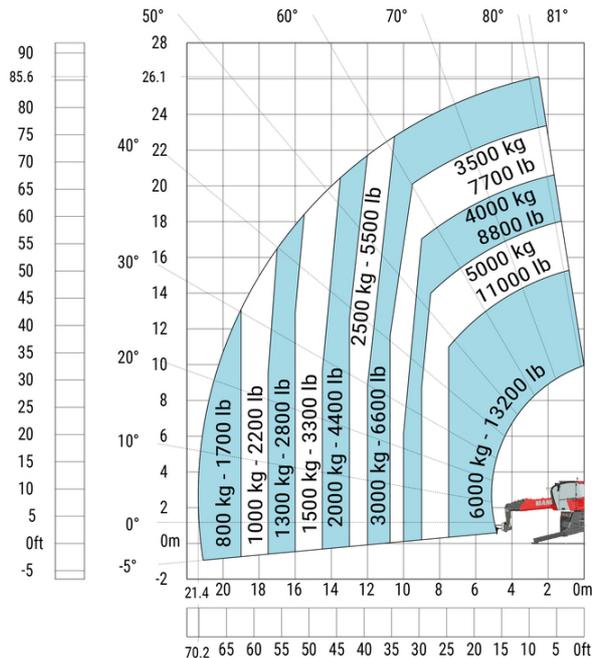
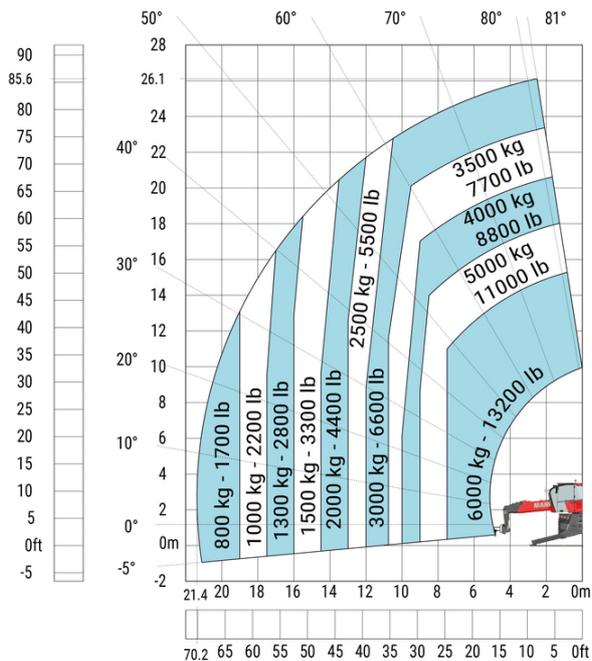


Machine on lowered stabilisers with extensible jib with winch (Metric)

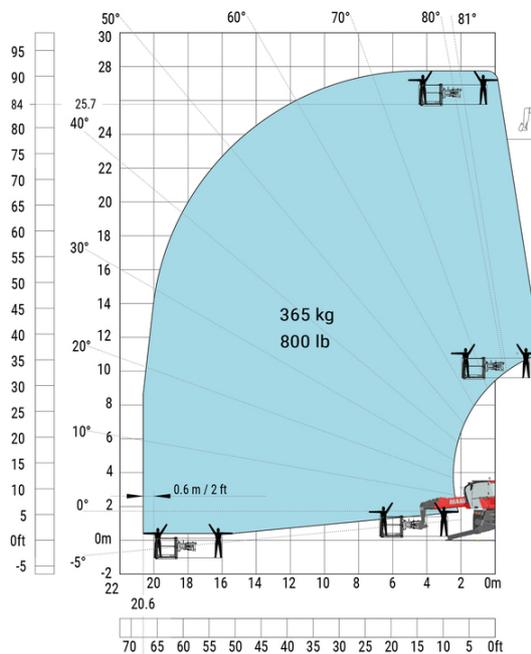
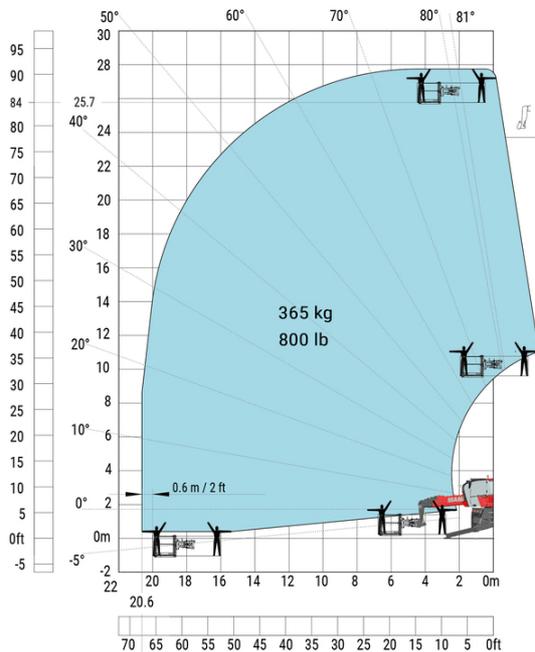
Machine on lowered stabilisers with extensible jib with winch (Imperial)



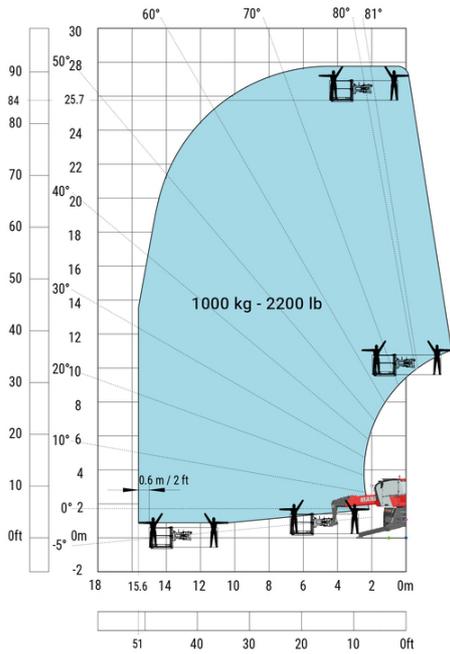
Machine on lowered stabilisers with hook 6000 kg (Metric) Machine on lowered stabilisers with hook 6000 kg (Imperial)



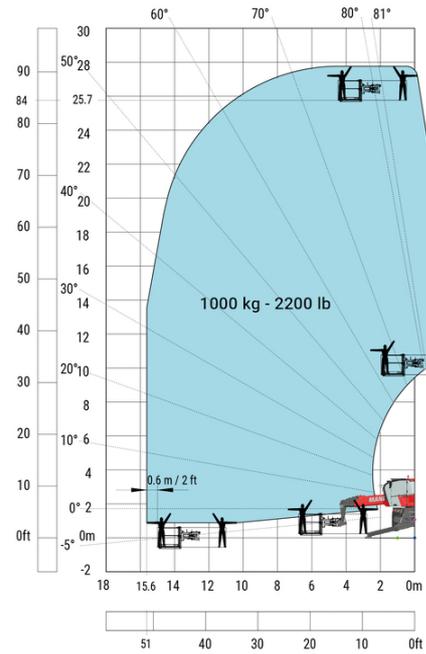
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 365 kg platform Imperial



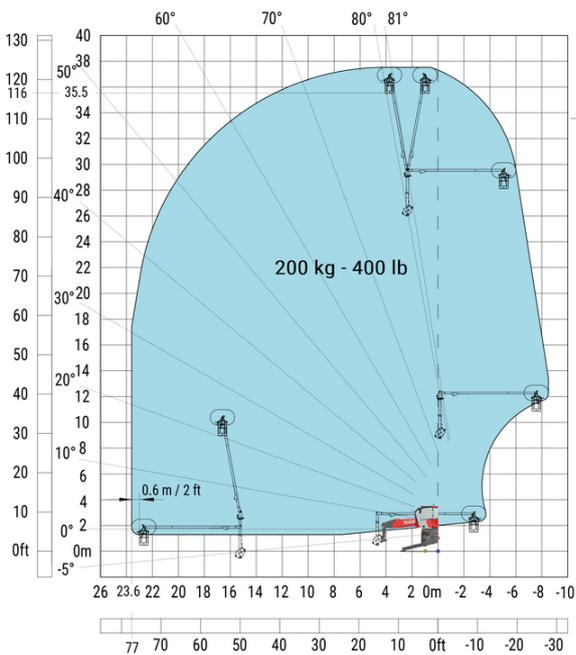
Machine on lowered stabilisers with 1000 kg platform
Metric



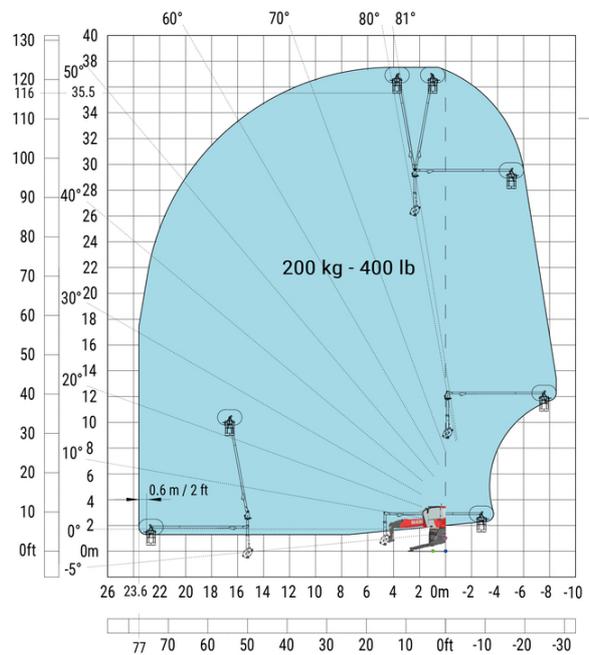
Machine on lowered stabilisers with 1000 kg platform
Imperial



Machine on lowered stabilisers with 3D positive Metric

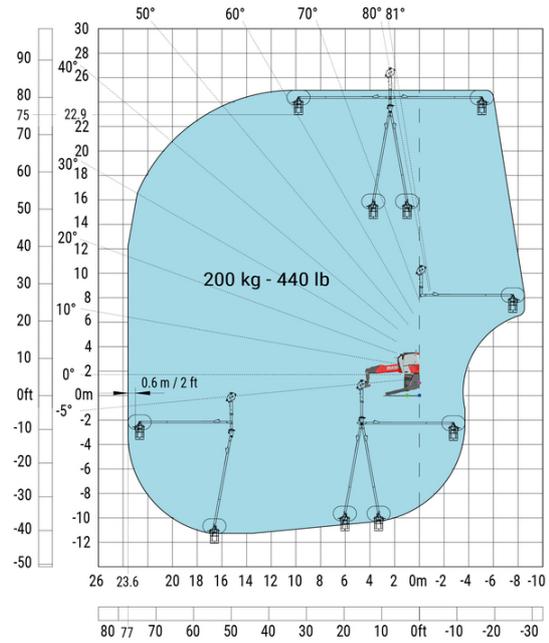
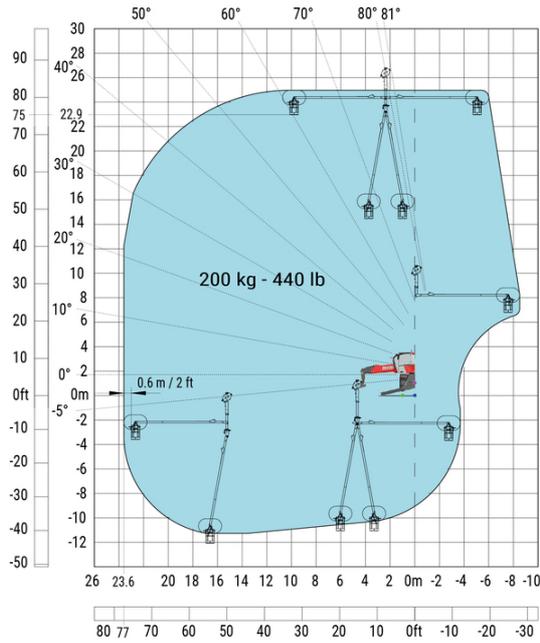


Machine on lowered stabilisers with 3D positive Imperial



Machine on lowered stabilisers with 3D positive / negative Metric

Machine on lowered stabilisers with 3D positive / negative Imperial



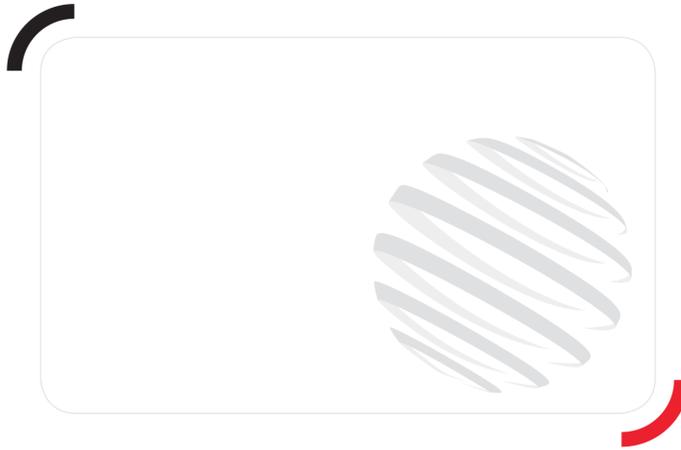
Equipment

Optional

- Additional battery high voltage 65 kWh
- E-xtra generator 18.4 kW

Equipment: E-xtra generator 18.4 kW

Engine		Metric	Imperial
Engine brand / nom		Yanmar / Stage V / Tier 4	Yanmar / Stage V / Tier 4
Engine model		3TNV80F-ZXKMU	3TNV80F-ZXKMU
Number of cylinders - Capacity of cylinders		3 - 1267 cm ³	3 - 77 in ³
Max. torque / Engine rotation (min)		74.50 Nm @ 1900 rpm	55 ft/lbs @ 1900 rpm
Engine power (Hp)		25 Hp	25 Hp
Engine power (kW)		18.40 kW	18.40 kW
Engine rotation		2800 rpm	2800 rpm
Engine cooling system		Water cooled	Water cooled
Tank capacities			
Fuel		65 l	17 US gal
Engine oil		3.40 l	0.90 US gal



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