

Technical sheet :

# MT-X 1033 A MINING



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity		3300 kg	
Max. lifting height		9.98 m	
Maximum outreach		7.15 m	
Breakout force with bucket		5330 daN	
Weight and dimensions			
Overall length to carriage	I11	4.93 m	
Length to face of forks	I2	4.93 m	
Overall width	b1	2.25 m	
Overall height	h17	2.30 m	
Wheelbase	y	2.69 m	
Ground clearance	m4	0.44 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	114 °	
External turning radius (over tyres)	Wa1	3.66 m	
Unladen weight		8570 kg	
Tires type		Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		6.70 s	
Lowering		5.40 s	
Extension		13.60 s	
Retraction		8.70 s	
Crown		2.70 s	
Dump		2.30 s	
Engine			
Engine brand		Perkins	
Engine model		1104D-44 TA	
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	
Engine power (Hp/kW)		101 Hp / 74.50 kW	
Max. torque / Engine rotation		410 Nm @ 1400 rpm	
Drawbar pull (Laden)		9100 daN	
Transmission			
Transmission type		Torque converter	
Number of gears (forward / reverse)		4 / 4	
Max. travel speed		27 km/h	
Max. travel speed (may vary according to applicable regulations)		27 km/h	
Parking brake		Manual	
Service brake		Oil-immersed multi-discs on front & rear axles	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		106 l/min-250 bar	
Tank capacities			
Engine oil		11 l	
Hydraulic oil		128 l	
Fuel		120 l	
Noise and vibration			
Noise at driving position (LpA)		76 dB	
Noise to environment (LwA)		104 dB	
Vibration on hands/arms		< 2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	
Controls		JSM	

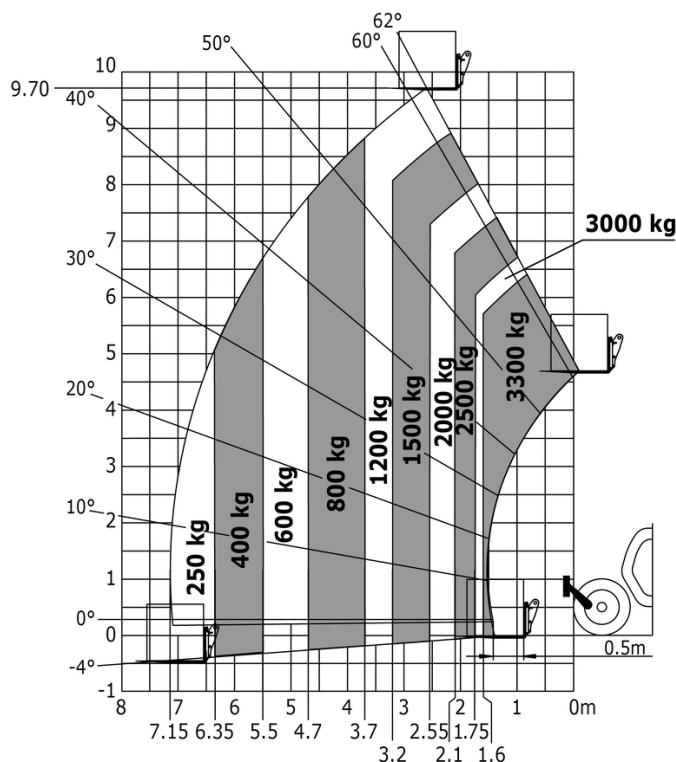
## Options / Finishing

S : Standard / O : Optional / - : Not available

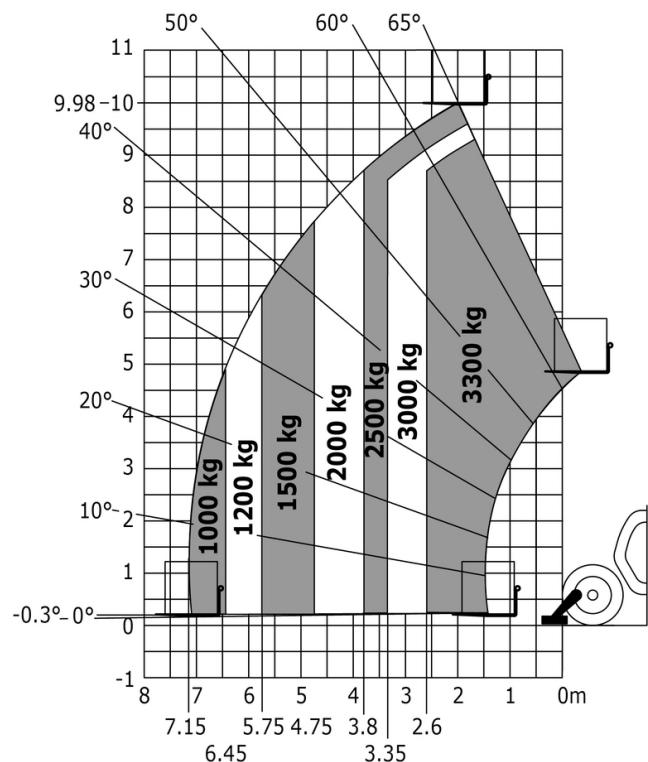
	Standard	Comfort
<b>Lifting function</b>		
Clamp predisposition (controls from cabin)	O	-
Comfort Ride Control (CRC) boom suspension	O	-
Working platform predisposition with remote control	S	-
<b>Motorization/Power</b>		
Centralized greasing points	-	O
Exhaust fume purification system	S	-
Hydraulic hose sleeve burst protection	S	-
Metal cyclonic prefilter	S	-
Radiator safety cap	S	-
<b>Secondary functions</b>		
Automatic greasing system (AGS) - Chassis + boom	O	-
<b>Lighting</b>		
Brake Lights ON When Park Brake ON	S	-
Flat Led Rotating Beacon	S	-
LED Flashing Lights On Cabin (Marker Lights)	S	-
LED trammimg lights	S	-
LED working lights on cab (x4 : 2 front + 2 rear)	S	-
LED work lights - On the top of the boom (fixed part) (x2)	S	-
<b>Security</b>		
"Guardian Angel" System Level 1	S	-
Audio warning on reverse movements (lynx noise)	S	-
Boom cylinder lock	S	-
Emergency steering	S	-
Emergency stop: 1 in cab, 2 on external	S	-
Fire extinguisher	S	S
Fire suppression system	O	-
Fuse board protection - MT's	S	-
High visibility reflective strips	S	-
Loose wheel nut indicators	S	-
Marking - Warning & Danger decals	S	-
Mining protection grids: right, left and back windows	S	-
Negative brakes on front & rear axles	S	-
Rear and lateral camera with cab screen	S	-
Wheel chocks	S	-
Windshield protection grid	S	-
<b>Other options</b>		
Battery + Starter Isolators + Jump Start Receptacle	S	S

## MT-X 1033 A Mining - Load chart

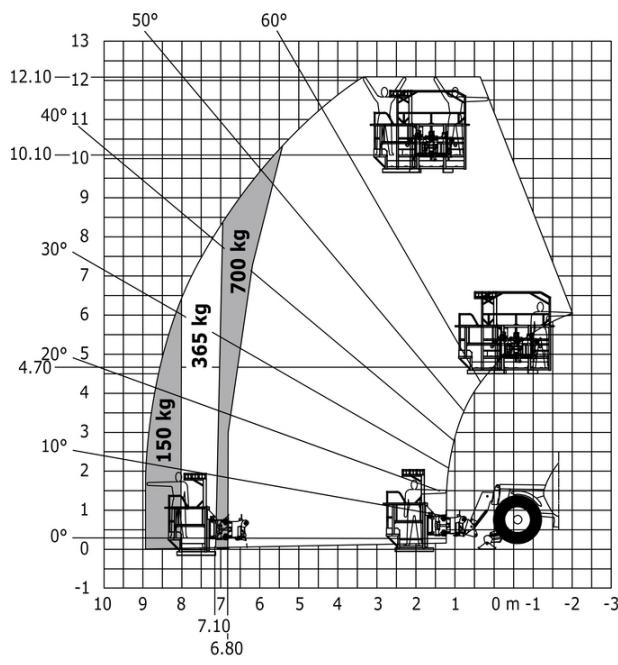
Machine on tires with forks Metric



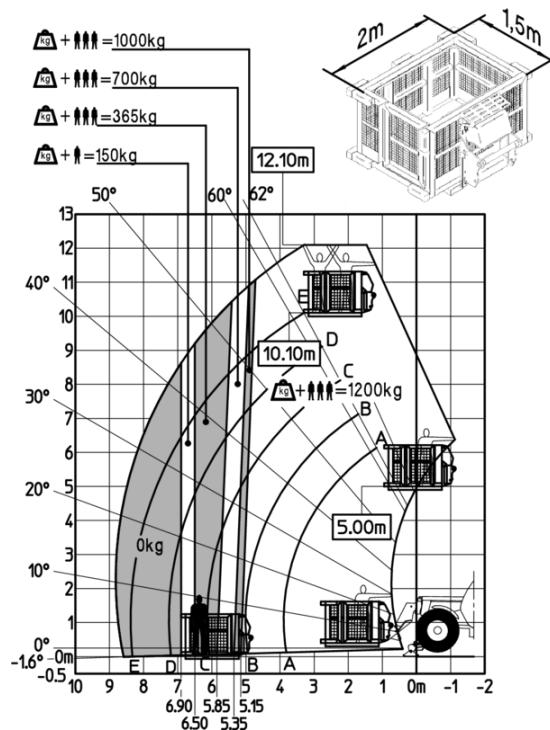
Machine on lowered stabilisers with forks Metric



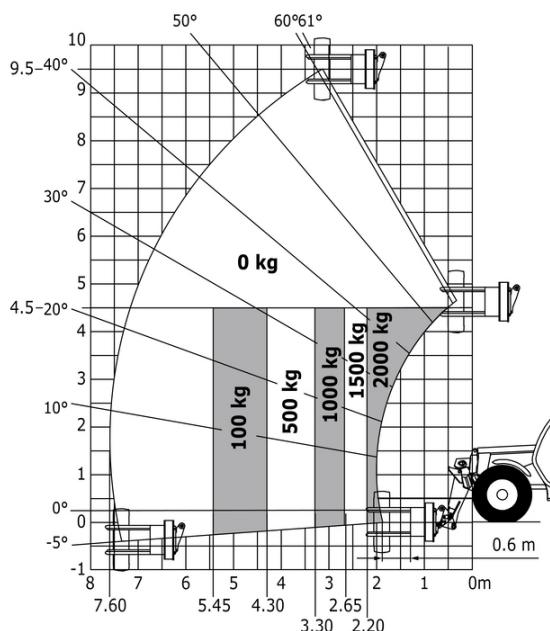
Machine on lowered stabilisers with tunneling platform (Metric)



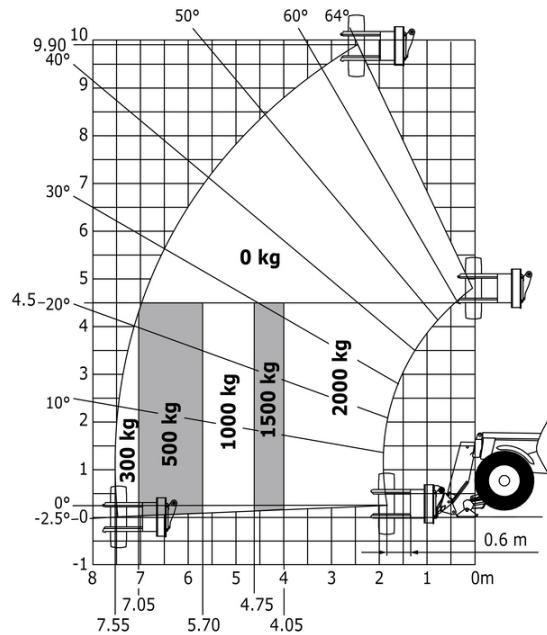
Machine on lowered stabilisers with underground mining platform (Metric)



## Machine on tires with tire handler TH 33 (Metric)

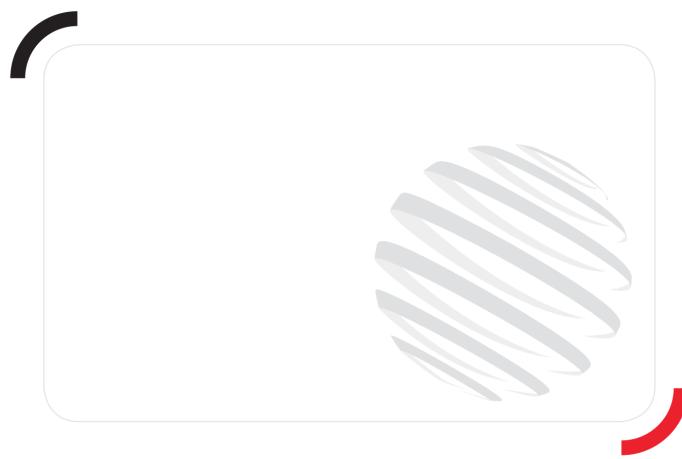


## Machine on lowered stabilisers with tyre handler TH 33 (Metric)



## Mining Specifications

MT-X 1033 A Mining	
<b>Lifting function</b>	
Clamp predisposition (controls from cabin)	O
Comfort Ride Control (CRC) boom suspension	O
Working platform predisposition with remote control	S
<b>Lighting</b>	
Brake Lights ON When Park Brake ON	S
Flat Led Rotating Beacon	S
LED Flashing Lights On Cabin (Marker Lights)	S
LED trammung lights	S
LED work lights - On the top of the boom (fixed part) (x2)	S
LED working lights on cab (x4 : 2 front + 2 rear)	S
<b>Motorization/Power</b>	
Exhaust fume purification system	S
Hydraulic hose sleeve burst protection	S
Metal cyclonic prefilter	S
Radiator safety cap	S
<b>Other options</b>	
Battery + Starter Isolators + Jump Start Receptacle	S
<b>Secondary functions</b>	
Automatic greasing system (AGS) - Chassis + boom	O
<b>Security</b>	
"Guardian Angel" System Level 1	S
Audio warning on reverse movements (lynx noise)	S
Boom cylinder lock	S
Emergency steering	S
Emergency stop: 1 in cab, 2 on external	S
Fire extinguisher	S
Fire suppression system	O
Fuse board protection - MT's	S
High visibility reflective strips	S
Loose wheel nut indicators	S
Marking - Waming & Danger decals	S
Mining protection grids: right, left and back windows	S
Negative brakes on front & rear axles	S
Rear and lateral camera with cab screen	S
Wheel chocks	S
Windshield protection grid	S



# **MANITOU** HANDLING YOUR WORLD

## 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](http://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