Technical sheet:

# MT-X 1033 MINING

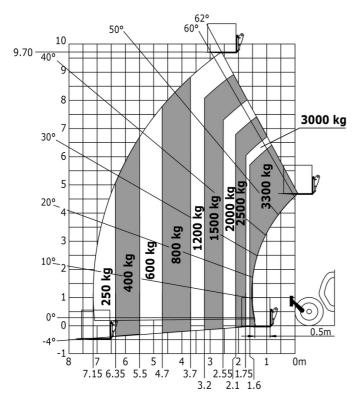




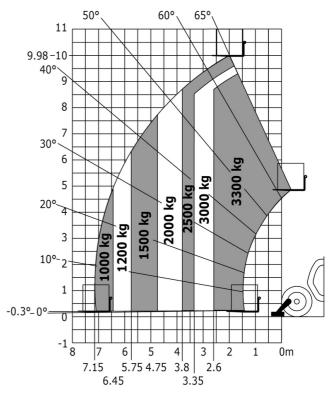
Capacities	Metric	
Max. capacity	3300 kg	
Max. lifting height	9.98 m	
Aaximum outreach	7.15 m	
Breakout force with bucket	5330 daN	
Weight and dimensions		
Overall length to carriage	I11 4.93 m	
ength to face of forks	12 4.93 m	
Overall width	b1 2.25 m	
Overall height	h17 2.30 m	
Wheelbase	y 2.69 m	
Ground clearance	m4 0.44 m	
Overall cab width	b4 0.89 m	
	a4 12 °	
ilt-up angle		
ilt-down angle		
xternal turning radius (over tyres)	Wa1 3.66 m	
Inladen weight (with forks)	7745 kg	
Overall weight 	7745 kg	
Fires type	Pneumatic	
Standard tires	Alliance 400/80 - 24 - 162A8	
orks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm	
Performances		
ifting	6.70 s	
owering	5.40 s	
xtension	13.60 s	
letraction	8.70 s	
Crowd	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	
C. Engine power rating - Power	101 Hp / 74.50 kW	
Max. torque / Engine rotation	410 Nm @ 1400 rpm	
Prawbar pull (Laden)	9100 daN	
Transmission		
ransmission type	Torque converter	
lumber of gears (forward / reverse)	4/4	
Max. travel speed	27 km/h	
fax. travel speed (may vary according to applicable regulations)	27 km/h	
arking brake	Manual	
ervice brake	Oil-immersed multi-discs on front & rea	ar axles
lydraulics	on miniciped mana dises on front area	II UXICS
Hydraulic pump type	Gear pump	
lydraulic flow / Pressure	106 l/min-250 bar	
•	100 1/111111-230 Dai	
ank capacities		
ingine oil	111	
lydraulic oil	128	
uel tank	120	
loise and vibration		
loise at driving position (LpA)	76 dB	
loise to environment (LwA)	104 dB	
ibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Aiscellaneous		
Steering wheels (front / rear)	2 / 2	
Drive wheels (front / rear)	2/2	
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS	S level 2
Controls	JSM	

## MT-X 1033 Mining - Load chart

### Machine on tires with forks Metric

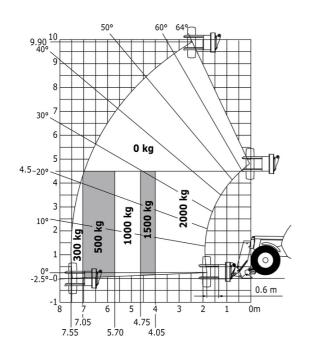


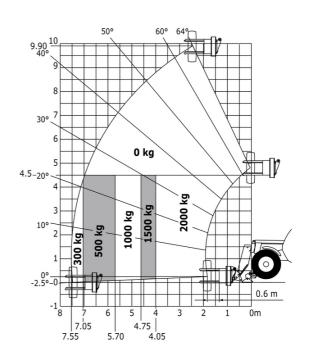
### Machine on lowered stabilisers with forks Metric



Machine on tires with tire handler TH 33 (Metric)

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





## **Mining Specifications**

	MT-X 1033 Mining
Lifting function	
Clamp predisposition (controls from cabin)	0
Lighting	
Brake Lights ON When Park Brake ON	S
Flat Led Rotating Beacon	S
LED Flashing Lights On Cabin (Marker Lights)	S
LED tramming 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
Motorization/Power	
Exhaust fume purification system	S
Hydraulic hose sleeve burst protection	S
Metal cyclonic prefilter	S
Radiator safety cap	S
Other options	
Battery + Starter Isolators + Jump Start Receptacle	S
Secondary functions	
Automatic greasing system (AGS) - Chassis + boom	0
Security	
"Guardian Angel" System Level 1	S
Audio warning on reverse movements (lynx noise)	S
Boom cylinder lock	S
Emergency stop: 1 in cab, 2 on external	S
Fire extinguisher	S
Fire suppression system	0
Fuse board protection - MT's	S
High visibility reflective strips	S
Loose wheel nut indicators	\$
Marking - Warning & Danger decals	S
Mining protection grids: right, left and back windows	\$
Negative brakes on front & rear axles	S
Rear and lateral camera with cab screen	\$
Wheel chocks	S
Windshield protection grid	\$

## **Equipment**

Standard
"Guardian Angel" System Level 1
Audio warning on reverse movements (lynx noise)
Battery + Starter Isolators + Jump Start Receptacle
Boom cylinder lock
Brake Lights ON When Park Brake ON
Emergency stop: 1 in cab, 2 on external
Exhaust fume purification system
Fire extinguisher
Flat Led Rotating Beacon
Fuse board protection - MT's
High visibility reflective strips
Hydraulic hose sleeve burst protection
LED Flashing Lights On Cabin (Marker Lights)
LED tramming lights
LED work lights - On the top of the boom (fixed part) (x2)
LED working lights on cab (x4:2 front + 2 rear)
Loose wheel nut indicators
Marking - Warning & Danger decals
Metal cyclonic prefilter
Mining protection grids: right, left and back windows
Negative brakes on front & rear axles
Radiator safety cap
Rear and lateral camera with cab screen
Wheel chocks
Windshield protection grid

#### Optiona

Automatic greasing system (AGS) - Chassis + boom

Clamp predisposition (controls from cabin)

Fire suppression system





#### **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