Technical sheet :

MT-X 1033 MINING





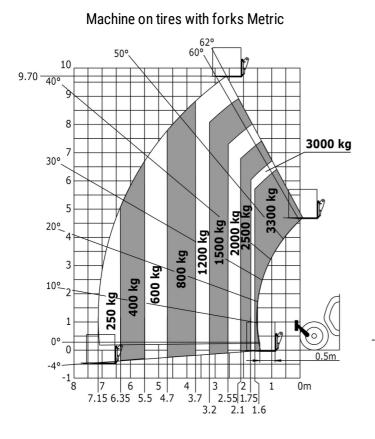
Capacities	Metric
Max. capacity	3300 kg
Max. lifting height	9.98 m
Maximum outreach	7.15 m
Breakout force with bucket	5330 daN
Weight and dimensions	
Overall length to carriage	l11 4.93 m
Length to face of forks	l2 4.93 m
Overall width	b1 2.25 m
Overall height	h17 2.30 m
Wheelbase	y 2.69 m
Ground clearance	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 (with forks)	7745 kg
Overall weight	7745 kg
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / 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
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
I.C. Engine power rating - Power	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	111
Hydraulic oil	128
Fuel tank	120 1
Noise and vibration	
Noise at driving position (LpA)	76 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	× 2.30 III/8
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2 / 2 Standard EN 15000 / Cabin ROPS - FOPS level 2
Safety / Cab certification Controls	Standard EN 15000 / Cabin ROPS - FOPS level 2 JSM

Options / Finishing

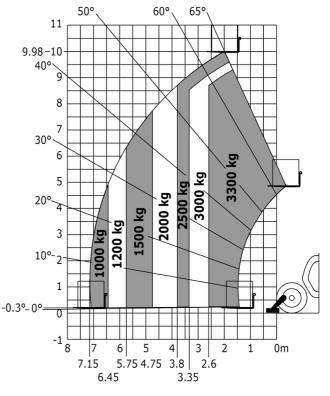
S : Standard / O : Optional / - : Not available

	Standard	Comfort
Lifting function		
Clamp predisposition (controls from cabin)	0	-
Antonization/Power		
Centralized greasing points		0
xhaust fume purification system	S	-
ydraulic hose sleeve burst protection	S	-
letal cyclonic prefilter	S	-
adiator safety cap	S	-
econdary functions		
utomatic greasing system (AGS) - Chassis + boom	0	-
ighting		
rake Lights ON When Park Brake ON	S	
lat Led Rotating Beacon	S	-
ED Flashing Lights On Cabin (Marker Lights)	S	-
ED tramming lights	S	-
ED working lights on cab (x4 : 2 front + 2 rear)	S	-
ED work lights - On the top of the boom (fixed part) (x2)	S	-
ecurity		
Guardian Angel" System Level 1	S	-
udio warning on reverse movements (lynx noise)	S	-
oom cylinder lock	S	-
mergency stop: 1 in cab, 2 on external	S	-
re extinguisher	S	S
ire suppression system	0	-
use board protection - MT's	S	-
igh visibility reflective strips	S	-
oose wheel nut indicators	S	-
larking - Warning & Danger decals	S	-
ining protection grids: right, left and back windows	S	-
egative brakes on front & rear axles	S	-
ear and lateral camera with cab screen	S	
/heel chocks	S	
indshield protection grid	S	
ther options		
attery + Starter Isolators + Jump Start Receptacle	S	S

MT-X 1033 Mining - Load chart



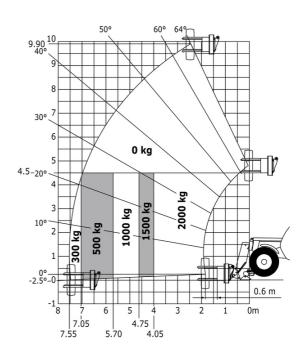
Machine on lowered stabilisers with forks Metric



Machine on tires with tire handler TH 33 (Metric)

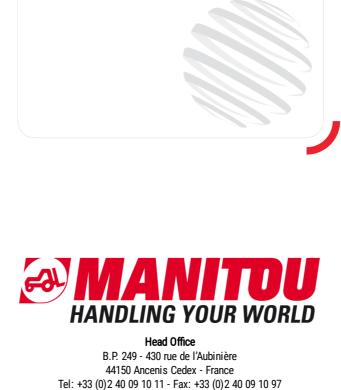
50 60 64 9.90¹⁰ 40° 8 7 30° 6 0 kg p 4.5_{-20°} 2000 kg 1000 kg 1500 kg 3 109 500 kg 2 300 kg _____0°___ \mathbf{T} Ψ 0.6 m -1∟ 8 0m 5 3 2 6 1 7.05 7.55 4.75 | 4.05 5.70

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	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



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