

Technical sheet :

# MT-X 1033 MINING



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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 cm <sup>3</sup>
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/s <sup>2</sup>
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

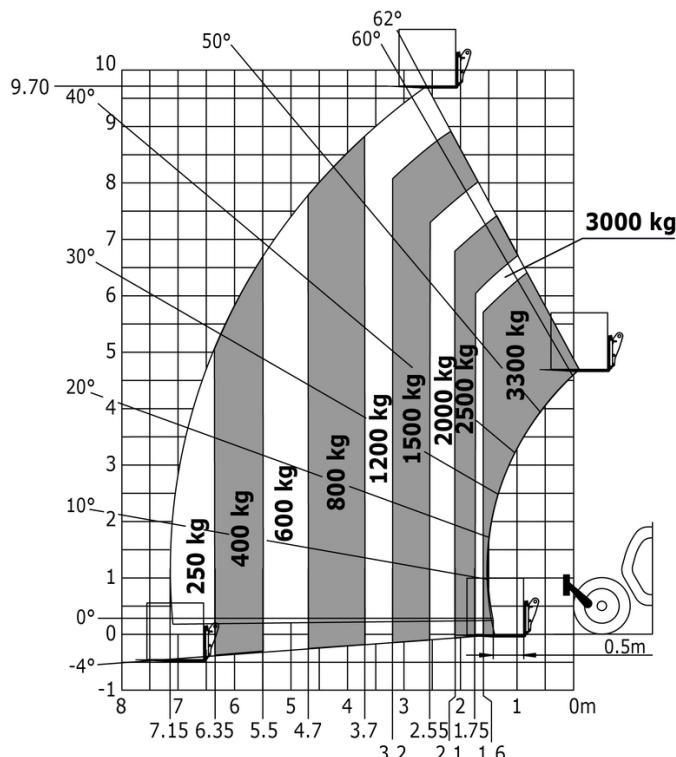
## Options / Finishing

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

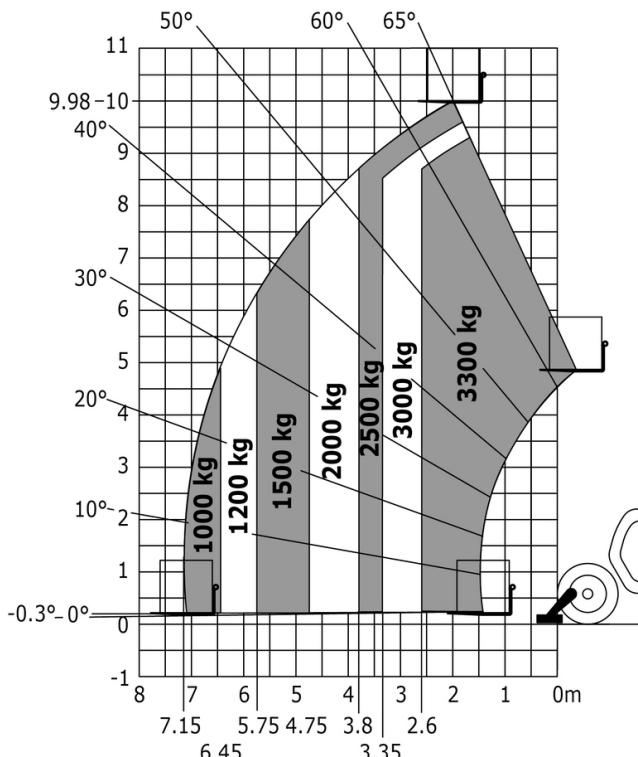
	Standard	Comfort
<b>Lifting function</b>		
Clamp predisposition (controls from cabin)	O	-
<b>Motorization/Power</b>		
Centralized greasing points	-	0
Exhaust fume purification system	S	-
Hydraulic hose sleeve burst protection	S	-
Metal cyclonic prefilter	S	-
Radiator safety cap	S	-
<b>Secondary functions</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 trammig 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 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 - 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	-
<b>Other options</b>		
Battery + Starter Isolators + Jump Start Receptacle	S	S

## MT-X 1033 Mining - Load chart

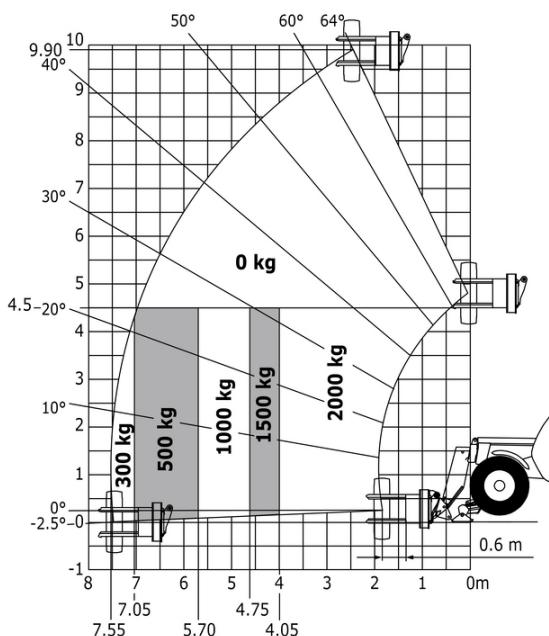
Machine on tires with forks Metric



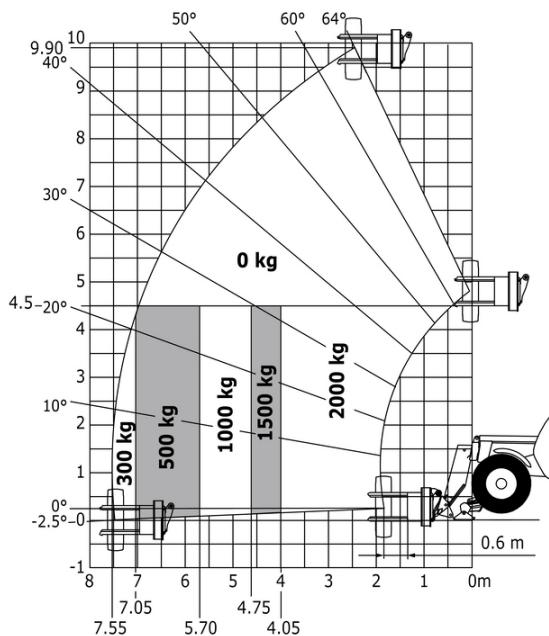
Machine on lowered stabilisers with forks Metric



## 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	
<b>Lifting function</b>	
Clamp predisposition (controls from cabin)	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 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
<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 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 - 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



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