Technical sheet:

# MT-X 1033 MINING

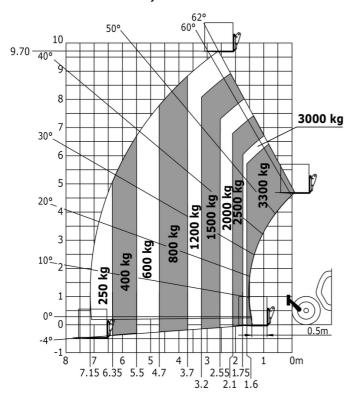




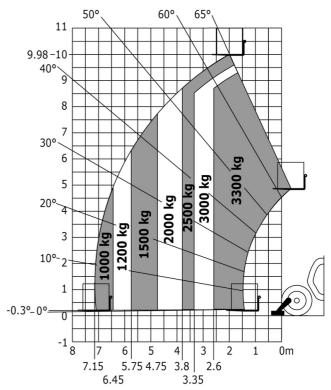
	MT-X 1033 MINING Created on April 29, 2024 at 9:53:25 AM UT
Capacities	Metric
Max. capacity	3300 kg
Max. lifting height	9.98 m
Max. outreach	7.15 m
Breakout force with bucket	5330 daN
Weight and dimensions	
Overall length to carriage	l11 4.93 m
Length to face of forks	12 4.93 m
Overall width	b1 2.25 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
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	1 / e / s 1200 mm x 125 mm / 45 mm
Performances	1 / C / S 1200 IIIII X 123 IIIII / 43 IIIII
	6.70 s
Levering	5.40 s
Lowering 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>
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
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
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 / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls	JSM

### MT-X 1033 Mining - Load chart

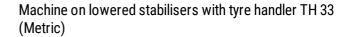
#### Machine on tyres with forks Metric

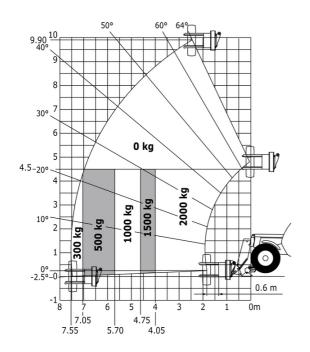


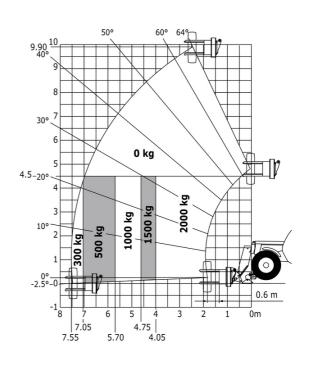
#### Machine on lowered stabilisers with forks Metric



Machine on tyres with tyre handler TH 33 (Metric)







## **Mining Specifications**

Lifting function	
Clamp predisposition (controls from cabin)	
Lighting	
Brake Lights ON When Park Brake ON	-
Flat Led Rotating Beacon	
3	
LED Flashing Lights On Cabin (Marker Lights)	
LED tramming lights	
LED work lights on the boom (x2)	
LED working lights on cab (x4 : 2 front + 2 rear)	
Motorization/Power	
Exhaust fume purification system	
Hydraulic hose sleeve burst protection	
Metal cyclonic prefilter	
Radiator safety cap	
Other options	
Battery + Starter Isolators + Jump Start Receptacle	
Secondary functions	
Automatic Greasing System (AGS) - chassis + boom	
Security	
"Guardian Angel" System Level 1	
Audio warning on reverse movements (lynx noise)	
Boom cylinder lock	
Emergency stop: 1 in cab, 2 on external	
Fire extinguisher	
Fire suppression system	
Fuse board protection - MT's	
High visibility reflective strips	
Loose wheel nut indicators	
Marking - Warning & Danger decals	
Mining protection grids: right, left and back windows	
Negative brakes on front & rear axles	
Rear and lateral camera with cab screen	
Wheel chocks	
Windshield protection grid	
mindomera protection gnu	





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