Technical sheet:

# **MRT-X 3570 ES**

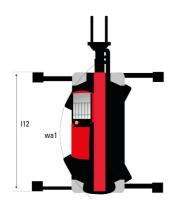
#### **VISION +**

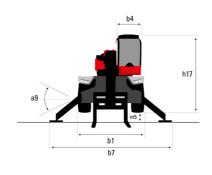


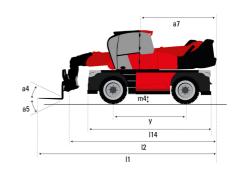


	MRT-X 3570 ES	DES Created on July 30, 2025 at 4:00 PM UTC	
Capacities		Metric	
Max. capacity		7000 kg	
Max. lifting height		34.60 m	
Maximum outreach		28 m	
Weight and dimensions			
Overall length (with forks)	I1	10.06 m	
Length to face of forks	12	8.86 m	
Overall width	b1	2.50 m	
Overall height	h17	3.26 m	
Overall cab width	b4	0.96 m	
Ground clearance	m4	0.39 m	
Wheelbase	y	3.75 m	
Frame leveling longitudinal +/-	,	3 °	
Filt-up angle	a4	13 °	
Filt-down angle	a5	108 °	
Turnet rotation	43	360 °	
Overall weight		24000 kg	
•	I / e / s	1200 mm x 125 mm x 60 mm	
Forks length / width / section	17 e 7 s	1200 mm x 125 mm x 60 mm	
Wheels Standard time		17 E D2E	
Standard tires		17,5-R25	
Drive wheels (front / rear)		2 / 2	
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	
Stabilisers			
Stabilizers Type		Telescopic Triplex	
Controls with stabs		Stabs Commands Individual or Simultaneous	
Engine			
Engine brand		Yanmar	
ngine norm		Stage IIIA	
Engine model		4TN107FTT-6SMU2	
.C. Engine power rating / Power		211 Hp / 155 kW	
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm	
Number of cylinders - Capacity of cylinders		4 - 4567 cm³	
Engine cooling system		Water cooled	
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	
12V Battery capacity		120 Ah	
Battery starting current		(EN)850 A	
Transmission			
Fransmission type		Hydrostatic with CVT	
Gearbox		Speedshift	
Max. travel speed		40 km/h	
Drawbar pull		9300 daN	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear	
service drake		axles	
Performances			
Gradeability (laden / unladen)		29 % / 38.70 %	
-lydraulics			
Hydraulic pump type		Variable displacement pump	
		Variable displacement pump 172 l/min	
lydraulic flow			
dydraulic flow dydraulic Pressure		172 l/min	
dydraulic flow dydraulic Pressure Tank capacities		172 l/min	
lydraulic flow lydraulic Pressure Tank capacities Ingine oil		172 l/min 350 bar	
dydraulic flow dydraulic Pressure Fank capacities Engine oil Fuel tank		172 I/min 350 bar 13 I	
tydraulic flow dydraulic Pressure Fank capacities Engine oil Euel tank Voise and vibration		172 l/min 350 bar 13 l 320 l	
Aydraulic flow  Aydraulic Pressure  Fank capacities  Ingine oil  Fuel tank  Hoise and vibration  Hoise at driving position (LpA)		172 l/min 350 bar 13 l 320 l 68 dB	
Aydraulic flow Aydraulic Pressure Fank capacities Engine oil Fuel tank Voise and vibration Voise at driving position (LpA) Voise to environment (LwA)		172 l/min 350 bar 13 l 320 l 68 dB 109 dB	
Hydraulic flow Hydraulic Pressure Fank capacities Engine oil Euel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA)		172 l/min 350 bar 13 l 320 l 68 dB	
Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		172 l/min 350 bar 13 l 320 l 68 dB 109 dB < 2.60 m/s <sup>2</sup>	
Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)		172 l/min 350 bar 13 l 320 l 68 dB 109 dB < 2.60 m/s <sup>2</sup>	
Hydraulic pump type Hydraulic flow Hydraulic flow  Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Wibration on hands/arms Miscellaneous Steering wheels (front / rear) Controls Cab certification		172 l/min 350 bar 13 l 320 l 68 dB 109 dB < 2.60 m/s <sup>2</sup>	

## MRT-X 3570 ES - Dimensional drawing



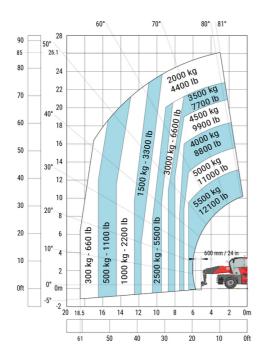




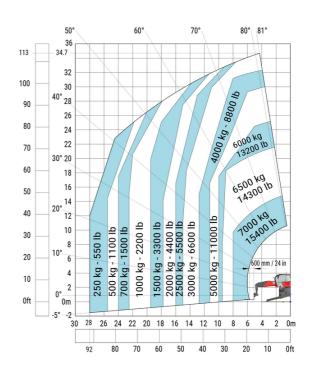
Other data		Metric
Length of frame	l14	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90°)	a7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	l12	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.37 m

### MRT-X 3570 ES - Load chart

### Machine on tires with forks Metric

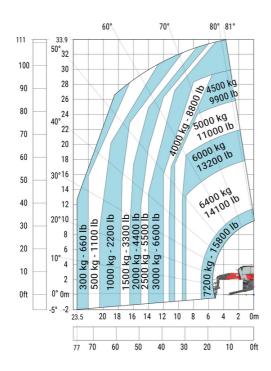


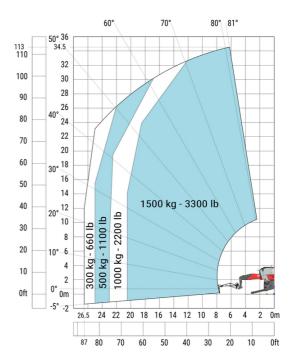
### Machine on lowered stabilisers with forks Metric



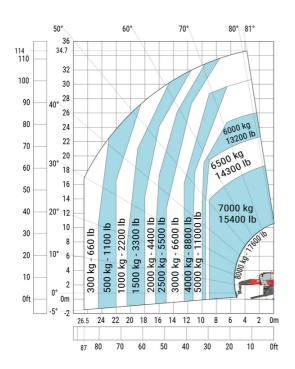
Machine on lowered stabilisers with winch 7200 kg (metric)

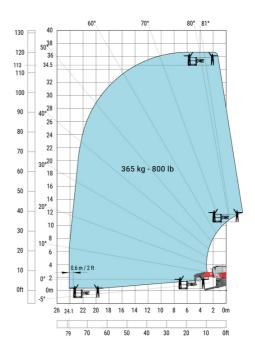
Machine on lowered stabilisers with 1500 kg jib Metric



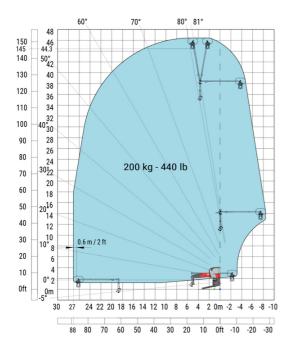


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric







#### **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



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