Technical sheet :

MRT-X 3570 ES

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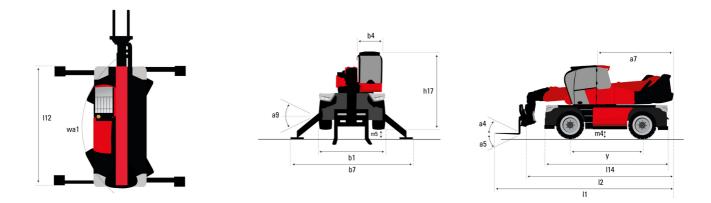




IRT-X 3570 ES Created on August 1	, 2025	at 6:14	PM UTC
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	MK 1-X 35/U ES	Created on August 1, 2025 at 6:14 PM U	
Capacities		Metric	
Max. capacity		7000 kg	
Max. lifting height		34.60 m	
Maximum outreach		28 m	
Weight and dimensions			
Overall length (with forks)	1	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 °	
Tilt-up angle	a4	13 °	
Tilt-down angle	a4 a5	108 °	
Turret rotation	dJ	360 °	
Overall weight		24000 kg	
Forks length / width / section	l / e / s	1200 mm x 125 mm x 60 mm	
Wheels		47.5 205	
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	
Engine norm		Stage IIIA	
Engine model		4TN107FTT-6SMU2	
I.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 cm ³	
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			
Transmission type		Hydrostatic with CVT	
Gearbox		Speedshift	
Max. travel speed		40 km/h	
Drawbar pull		9300 daN	
Parking brake		Automatic negative parking brake	
-		Oil-immersed multi-discs braking on front & rear	
Service brake		axles	
Performances			
Gradeability (laden / unladen)		29 % / 38.70 %	
oladeability (ladell / alliadell)			
Hydraulics			
		Variable displacement pump	
Hydraulics		Variable displacement pump 172 l/min	
Hydraulics Hydraulic pump type Hydraulic flow		172 l/min	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure			
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities		172 l/min 350 bar	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil		172 l/min 350 bar 13 l	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank		172 l/min 350 bar	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration		172 l/min 350 bar 13 l 320 l	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA)		172 l/min 350 bar 13 l 320 l 68 dB	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA)		172 l/min 350 bar 13 l 320 l 68 dB 109 dB	
Hydraulics Hydraulic pump type 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		172 l/min 350 bar 13 l 320 l 68 dB	
Hydraulics Hydraulic pump type 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 ²	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration 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 ² 2 / 2	
Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration 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 ²	

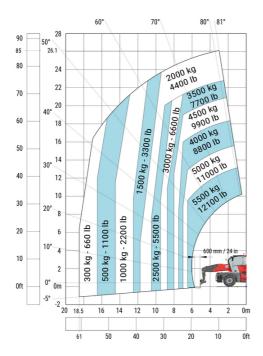
MRT-X 3570 ES - Dimensional drawing



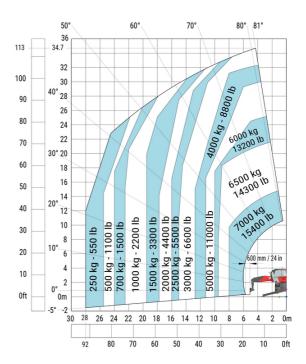
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90°)	а7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	112	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers 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



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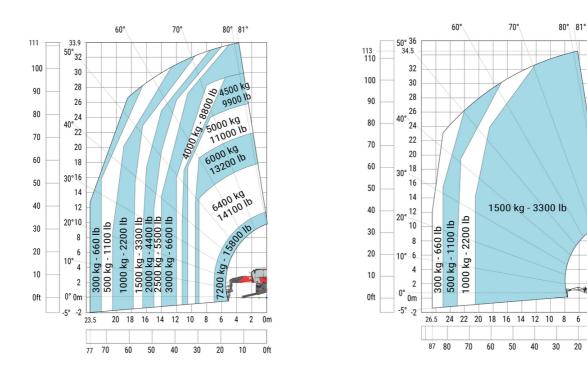
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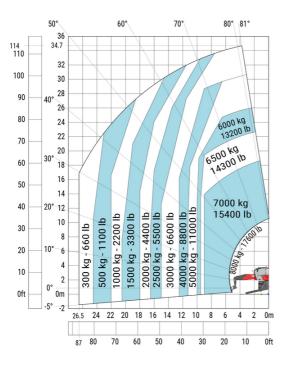
10 Oft

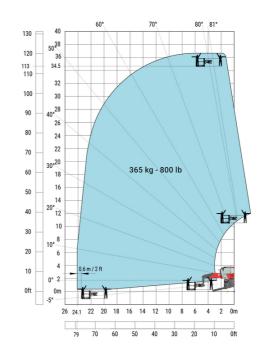
Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric

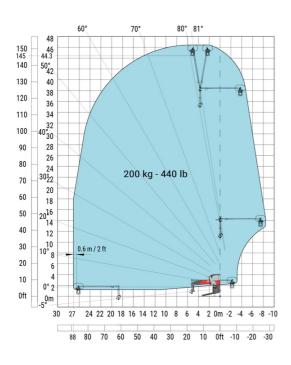


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 3D positive Metric





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