Technical sheet:

# **MRT 3570 ES**

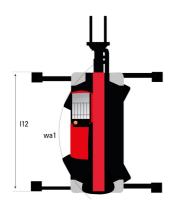
#### **VISION +**

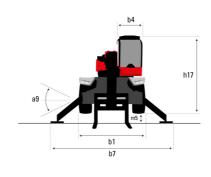


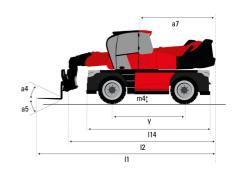


Note   1999		MRT 3570 ES Created on 29 April 2024 at 09.41.2
Max. Infrage palpy	Capacities	Metric
Max. outerals   Max. processed sequence	Max. capacity	7000 kg
Weight and dimensions         Image: Control (Control (Contro	Max. lifting height	34.70 m
10   10   10   10   10   10   10   10	Max. outreach	28 m
Leaguh for ceed folso   Deem	Weight and dimensions	
Deems   1000	Overall length (with forks)	l1 10.06 m
Deem   1977   3.2 km   1978	Length to face of forks	12 8.86 m
Deed   1998	Overall width	b1 2.50 m
Stand clearance   10	Overall height	h17 3.26 m
Wheelbase         y         3.78 m           Tills ya soile         a4         13 °           Hills ya soile         a5         100 °           Finance facilitation         a5         100 °           Level all weight         2000 Ng         2000 Ng           Finds bestory / yeldy / section         1 / e / s         1200 mm x 125 mm x 60 mm           Words         1 / e / s         1 / 200 mm x 125 mm x 60 mm           Words         1 / x / x         1 / x / x           Stock for (rink) / yeldy / section         2 / x / x           Words         2 / x / x         2 / x / x           Stock for (rink) / yeldy / yelly / x / x / x / x         2 / x / x         2 / x / x           Stock for (rink) / yelly / x / x / x / x / x / x / x / x / x /	Overall cab width	b4 0.96 m
Table   1999	Ground clearance	m4 0.39 m
Tille part   19	Wheelbase	y 3.75 m
Till -	Frame leveling longitudinal +/-	3 °
Sub-	Tilt-up angle	a4 13 °
	Tilt-down angle	a5 108°
Finds Interpol y section Wheele Standard lites 17, 825 100 mm x 125 mm x 60 mm Wheele (front / rear) 2 / 2 2 wheel stees, 4 wheel stees, Crab mode Shalf rear Shalf r	Turret rotation	360 °
Mineral Standard files  Dries wheeles (Front / rear)  2 / 2 wheel stees, 4 wheel stees, Crab mode  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Finger teamed  Finger teamed  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger	Overall weight	24000 kg
Mineral Standard files  Dries wheeles (Front / rear)  2 / 2 wheel stees, 4 wheel stees, Crab mode  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Stable Tipe  Finger teamed  Finger teamed  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger teamed  Finger teamed  Stage Vy Tier 4  Finger teamed  Finger	Forks length / width / section	I / e / s 1200 mm x 125 mm x 60 mm
1.2   2.2	Wheels	
Searing mode	Standard tires	17,5-R25
Shabiliters         Telescopic Triplex           Controls with stabs         Telescopic Triplex           Controls with stabs         Telescopic Triplex           Engine mond         Yannar           Engine mond         Stage V/ Ter 4           Engine mond         4TNOVETHESMIZ           Lic. Engine power stating / Power         2211 hr / 15 k k W           Max. torque / Engine rotation (min)         805 hm @ 1500 pm           Wather of cylindes         4 - 4557 cm²           Water cooled         Cecletic circuit           Leating custed         2 x 12 V           V2 States capacity         120 Ah           State states as the state of states of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         120 Ah           States of States of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         2 x 12 V           V2 States younge         4 k km/h           State states of States younge         4 k km/h           States to water states of States younge         4 k km/h	Drive wheels (front / rear)	
Shabiliters         Telescopic Triplex           Controls with stabs         Telescopic Triplex           Controls with stabs         Telescopic Triplex           Engine mond         Yannar           Engine mond         Stage V/ Ter 4           Engine mond         4TNOVETHESMIZ           Lic. Engine power stating / Power         2211 hr / 15 k k W           Max. torque / Engine rotation (min)         805 hm @ 1500 pm           Wather of cylindes         4 - 4557 cm²           Water cooled         Cecletic circuit           Leating custed         2 x 12 V           V2 States capacity         120 Ah           State states as the state of states of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         120 Ah           States of States of States younge         2 x 12 V           V2 States capacity         120 Ah           States of States of States younge         2 x 12 V           V2 States younge         4 k km/h           State states of States younge         4 k km/h           States to water states of States younge         4 k km/h	Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stables Type         Telescopic Traplex           Engine Formard         Stables Commands Individual or Simultaneous           Engine norm         Stage V.7 Tier 4           Engine model         Stage V.7 Tier 4           Les Gingine model         211 Hp / 155 kW           Max. tower per family Power         211 Hp / 155 kW           Max. Every Engine rotation (min)         805 Nm g 1500 mg           Water cooled         4-4597 cm/           Engine cooling system         4-4597 cm/           Usual basines of Statier's Joseph of Cyrilders         4-4597 cm/           Rispine cooling system         2 x 12 V           Usual basines of Statier's Joseph of Cyrilders         2 x 12 V           Water cooled         4-4597 cm/           Excitocional current         (E)869 A           Treatment since for the contract of Comment of Cyrilders         2 x 12 V           Every Comment of Cyrilders         4 (E)869 A           Deservoir         5 (E)869 A           Bear Cyrilder of Cyrilders         4 (E)869 A           Deservoir         5 (E)869 A           Bear Cyrilder of Cyrilders         4 (E)869 A           Deservoir         5 (E)869 A           Per Comment Cyrilder         4 (E)860 A           Ever Comment Cyrilder         4 (E)87	Stabilisers	
Cambook with stable	Stabs Type	Telescopic Triplex
Engine   E	•	
Engine band         Yannar           Engine mode         Slage V / Tier 4           Engine mode         4 NN 07TTFSMU2           LC. Engine moder rating / Power         221 Hp / 155 kW           Make Longue / Engine rodation (min)         885 Mm. ge 1500 mm           Number of cylinders - Capacity of cylinders         4 - 4567 cm²           Engine cooling system         Cerebrotic circuit           Ecentric circuit         Witter cooled           Electric circuit         2 x 12 V           V2 Realing capacity         2 x 12 V           V2 Realing capacity         2 x 12 V           V2 Realing capacity         (EN)850 A           Transmission by         Hydrostatic with CVT           Gearbox         Speedshift           Max. travel speed         9 40 km/h           Drawbar pull         9 300 daN           Parking banke         Oil-Immersed multi-discs bring port for 8 rear           Bridge bank         Automatic negative parking brake           Bridge bank (growth of parking bank)         Year of the parking brake           Bridge bank (growth of parking bank)         Put of the parking brake           Bridge bank (growth of parking bank)         Year of the parking brake           Bridge bank (growth of parking bank)         Year of the parking brake	Engine	
Engine nome		Yanmar
ATN 107 TT ASA MUZ   ATT MUS		
C. Engine power rating / Power   211 Hp / 155 kW	-	
Max. Longer & Engine rotation (min)         805 Nm @ 1500 rpm           Number of cylinders - Capacity of cylinders         4 - 4567 cm²           Electric Circle         Water cooled           Statistics - Statistics / Statery voltage         2 x 12 V           12V Statisticy capacity         120 Ah           Statety standing current         (EN)550 A           Transmission type         Plystostatic with CVT           Search X         Speedshift           Max. travel speed         40 km/h           Drawbar pull         9300 dan           Parking baske         Alutionation engageine parking baske           Service brake         Oll-immersed multi-discs braking on front & rear asles           Performances         Oll-immersed multi-discs braking on front & rear asles           Principal Lipschild (aden / unladen)         2 9 % / 38.70 %           Hydraulic Draw Drybe         Variable displacement pump Hydraulic Pressure           Tank capacities         3300 bar           Tank capacities         3300 bar           Tank capacities         3300 bar           Livel tank fluid (AdBlue® type)         24 l           Noise and striving position (LpA)         66 dB           Noise at diving position (LpA)         66 dB           Noise at diving position (LpA)	•	
Number of cylinders - Capacity of cylinders         4 - 4567 cm²           Engine cooling system         Water cooled           Ecettod incut         2 x 12 v           12 We lattery capacity         120 Ah           Ecettod incut         6 (EN)850 A           17 Tansmission         CEN)850 A           Transmission type         Hydrostatic with CVT           Geatbox         Speedshift           Max. tavel speed         4 km/h           Drawbar pull         9300 dan           Parking brake         Automatic negative parking brake           Serice back         Automatic negative parking brake           Serice back         2 % / 38.70 %           Performances         2 states           Gradeability (iden / unladen)         2 % / 38.70 %           Hydraulics         3 states           Hydraulic flow         4 states           Hydraulic flow         3 states           Hydraulic flow         3 states           Engine oil         3 states           Engine oil         3 states           Engine oil         3 states           Engine oil         3 states           Usul tank         3 states           Diesel Exhaust fluid (AdBlue® type)         3 states		
Engine cooling system         Water cooled           Selection Circlin         Control           12V Sattery capacity         120 Ah           Stating starting current         (EN)850 A           Transmission type         Hydrostatio with CVT           Greatbox         Speedshift           Max. travel speed         40 km/h           Drawber pull         9300 daN           Parking brake         Automatic negative parking brake           Service brake         Oll-immersed multi-discs braking on front 8 rear axiles           Performances         1           Gradeability (idean / unladen)         29 % / 38.70 %           Hydraulic Puressure         350 bar           Trank capacitie         151 kmin           Engine oil         151 kmin           Hinde could be provided by the count of the		-
Number of batteries / Battery voltage         2 x 12 V           LVD Statery capacity         120 Ah           Battery starting current         (EN)850 A           Transmission         Hydrostatic with CVT           Searbox         Speedshift           Max. travel speed         40 km/h           Drawbar pull         9300 daN           Parking brake         Automatic negative parking brake           Service brake         Oli-immersed multi-discs braking on front & reer artles           Performances         10 immersed multi-discs braking on front & reer artles           Gradeability (aden / unladen)         29 % 38.70 %           Hydraulic pump type         Variable displacement pump           Hydraulic flow         185 I/min           Hydraulic flow         350 bar           Tank capacities         300 I           Engine oil         300 I           Hydraulic pump type         300 I           Fuel tank         320 I           Diesel Exhaust fluid (Addise@ type)         24 I           Noise and whord on         68 dB           Noise and whord on         68 dB           Noise on whord ment (LwA)         68 dB           Noise on whord ment (LwA)         68 dB           Miscellaneous         2/2		
12V Batery capacity         120 Ah           Battery starting current         (EN)850 A           Transmission type         Hydrostatic with CVT           Gearbox         Speedshift           Max. xavel speed         40 km/h           Drawbar pull         9300 daN           Parking brake         Automatic negative parking brake           Service brake         "I-Immersed multi-discs braking on front 8 rear actives           Performances         "Interest and the start active start		2 x 12 V
Battery starting current         (EN)850 A           Transmission         Hydrostatic with CVT           Gearbox         Speedshift           Max. ravel speed         40 km/h           Druwbar pull         9300 daN           Parking brake         Automatic negative parking brake           Service brake         Oli-immersed multi-discs braking on front & rear ax/les           Performances         Grideability (laden / unladen)         29 % / 38.70 %           Hydraulic pump type         Variable displacement pump           Hydraulic flow         185 //min           Hydraulic flow         350 bar           Tank capacities         300 l           Engine oil         300 l           Hydraulic oil         300 l           Fuel tank         320 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and driving position (LpA)         68 dB           Noise on environment (LwA)         68 dB           Miscellaneous         100 dB           Steering wheels (front / rear)         2 / 2           Controls         2 , Joysticks           Stefey cab homologation         RDS - FOPS level 2 cab		
Transmission type         Hydrostatic with CVT           Cearbox         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 axles           Gradeability (laden / unladen)         29 % / 38.70 %           Hydraulic         Variable displacement pump           Hydraulic pump type         Variable displacement pump           Hydraulic Pressure         350 bar           Trank capacities         350 bar           Engine oil         131           Hydraulic oil         300 l           Fuel tank         320 l           Dissel Exhaust fluid (AdBlue® type)         24 l           Noise and vibration         66 dB           Noise to environment (LwA)         66 dB           Vibriation to whole hand/arm         < 2.50 m/s²           Miscellaneous         2 / 2           Steering wheels (front / rear)         2 / 2           Controls         2 / 2 yeşicks           Safety cab homologation         ROPS - FOPS level 2 cab		
Transmission 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 axles           Eradeability (laden / unladen)         29 % / 38.70 %           Hydraulics         Variable displacement pump           Hydraulic flow         185 //min           Hydraulic Pressure         350 bar           Tank capacities         330 la           Engine oil         330 l           Hydraulic oil         330 l           Fuel tank         330 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and vibration         68 dB           Noise to environment (LWA)         68 dB           Wibiation to whole hand/arm         4 2.50 m/s²           Wilselineous         2 / 2           Steering wheels (front / rear)         2 / 2           Controls         80 controls           Safety cab homologation         80 controls		(2.1)
Gearbox         Speedshift           Max. tavel speed         40 km/h           Drawbar pull         9300 dan           Parking brake         Oil-Immersed multi-discs braking on front & rear axles           Service brake         Oil-Immersed multi-discs braking on front & rear axles           Gradeability (laden / unladen)         29 % / 38.70 %           Hydraulic         Variable displacement pump           Hydraulic flow         185 l/min           Hydraulic Pressure         350 bar           Tank capacities         350 bar           Engine oil         300 l           Hydraulic oil         300 l           Fuel tank         300 l           Dissel Exhaust fluid (AdBlue® type)         24 l           Noise and vibration         24 l           Noise and vibration (LpA)         68 dB           Noise to environment (LwA)         109 dB           Wibration to whole hand/arm         < 2.5 om/s²		Hydrostatic with CVT
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 ax les           Performances         29 % / 38.70 %           Gradeability (laden / unladen)         29 % / 38.70 %           Hydraulic pump type         Variable displacement pump           Hydraulic flow         185 L/min           Hydraulic flow         350 bar           Hydraulic offersuse         350 bar           Engine oil         300 l           Hydraulic oil         300 l           Fuel tank         300 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and whratton         68 dB           Noise at driving position (LpA)         68 dB           Noise to environment (LwA)         109 dB           Witzelion to whole hand/arm         < 2.50 m/s²		·
Drawbar pull         9300 daN           Parking brake         Automatic negative parking brake           Service brake         01-immersed multi-discs braking on front & rear axles           Performances         29 % / 38.70 %           Gradeabilly (Iaden / unladen)         29 % / 38.70 %           Hydraulice pump type         Variable displacement pump           Hydraulice flow         185 l/min           Hydraulice Pressure         350 bar           Tank capacities         131           Engine oil         300 l           Fuel tank         300 l           Diesel Exhaust fluid (AdBlue® type)         241           Noise and wibration         68 dB           Noise and wibration (LyA)         68 dB           Noise to environment (LwA)         109 dB           Wibration to whole hand/arm         < 2.50 m/s²		
Parking brake Service brake Performances Gradeability (laden / unladen) Phydraulics Hydraulic pmp type Hydraulic pmp type Hydraulic pressure Tank capacities Engine oil Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and driving position (LpA) Noise at driving position (LpA) Noise to environment (LuA) Wibration to whole hand/arm Miscellaneous Steering wheels (front / rear) Steering wheels (front / rear) Controls Safety cab homologation  Automatic negative parking brake Oli-Immersed multi-discs braking on front & rear axles  Park and parking brake Oli-Immersed multi-discs braking on front & rear axles  Park and parking brake  Variable displacement pump 185 //min		
Service brake         Oil-immersed multi-discs braking on front & rear axies           Performances         Cadeability (laden / unladen)         2.9% / 38.70 %           Hydraulics         Variable displacement pump           Hydraulic flow         1.85 l/min           Hydraulic Pressure         350 bar           Engine oil         1.31           Hydraulic oil         300 l           Fuel tank         320 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and driving position (LpA)         68 dB           Noise to environment (LwA)         68 dB           Wibration to whole hand/arm         4 c 2.50 m/s²           Steering wheels (front / rear)         2 / 2           Controls         ROPS - FOPS level 2 cab		
### ### ### ### ### ### ### ### ### ##		
Gradeability (laden / unladen)         29 % / 38.70 %           Hydraulics         Variable displacement pump           Hydraulic flow         185 l/min           Hydraulic Pressure         350 bar           Tank capacities         Tank capacities           Engine oil         300 l           Hydraulic oil         300 l           Fuel tank         320 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and vibration         68 dB           Noise to environment (LwA)         68 dB           Wibration to whole hand/arm         < 2.50 m/s²	Service brake	
Hydraulic         Variable displacement pump           Hydraulic pump type         Variable displacement pump           Hydraulic flow         185 l/min           Hydraulic Pressure         350 bar           Tank capacities	Performances	
Hydraulic pump type         Variable displacement pump           Hydraulic flow         185 l/min           Hydraulic Pressure         350 bar           Tank capacities	Gradeability (laden / unladen)	29 % / 38.70 %
Hydraulic flow         185 l/min           Hydraulic Pressure         350 bar           Engine oil         13 l           Hydraulic oil         300 l           Fuel tank         320 l           Diesel Exhaust fluid (AdBlue® type)         24 l           Noise and vibration         68 dB           Noise at driving position (LpA)         68 dB           Noise to environment (LwA)         109 dB           Vibration to whole hand/arm         < 2.50 m/s²	Hydraulics	
Agric   Agri	Hydraulic pump type	Variable displacement pump
Tank capacities         13 I           Engine oil         300 I           Hydraulic oil         320 I           Fuel tank         320 I           Diesel Exhaust fluid (AdBlue® type)         24 I           Noise and vibration         68 dB           Noise at driving position (LpA)         68 dB           Noise to environment (LwA)         109 dB           Vibration to whole hand/arm         < 2.50 m/s²	Hydraulic flow	185 l/min
Engine oil       13 I         Hydraulic oil       300 I         Fuel tank       320 I         Diesel Exhaust fluid (AdBlue® type)       24 I         Noise and vibration       8 dB         Noise at driving position (LpA)       68 dB         Noise to environment (LwA)       109 dB         Vibration to whole hand/arm       < 2.50 m/s²	Hydraulic Pressure	350 bar
Hydraulic oil 300 I Fuel tank 320 I Diesel Exhaust fluid (AdBlue® type) 24 I Noise and vibration 300 I Noise at driving position (LpA) 68 dB Noise to environment (LwA) 109 dB Vibration to whole hand/arm 2.50 m/s² Miscellaneous Steering wheels (front / rear) 2 / 2 Controls 2 Joysticks Safety cab homologation ROPS - FOPS level 2 cab	Tank capacities	
Fuel tank       320 I         Diesel Exhaust fluid (AdBlue® type)       24 I         Noise and vibration       ————————————————————————————————————	Engine oil	13
Diesel Exhaust fluid (AdBlue® type)         24 I           Noise and vibration         68 dB           Noise at driving position (LpA)         68 dB           Noise to environment (LwA)         109 dB           Vibration to whole hand/arm         < 2.50 m/s²	Hydraulic oil	300 I
Noise and vibration         68 dB           Noise at driving position (LpA)         68 dB           Noise to environment (LwA)         109 dB           Vibration to whole hand/arm         < 2.50 m/s²	Fuel tank	320
Noise at driving position (LpA)       68 dB         Noise to environment (LwA)       109 dB         Vibration to whole hand/arm       < 2.50 m/s²	Diesel Exhaust fluid (AdBlue® type)	24
Noise to environment (LwA)       109 dB         Vibration to whole hand/arm       < 2.50 m/s²	Noise and vibration	
Noise to environment (LwA)       109 dB         Vibration to whole hand/arm       < 2.50 m/s²	Noise at driving position (LpA)	68 dB
Vibration to whole hand/arm       < 2.50 m/s²	Noise to environment (LwA)	
Miscellaneous     2 / 2       Steering wheels (front / rear)     2 Joysticks       Controls     2 Joysticks       Safety cab homologation     ROPS - FOPS level 2 cab	Vibration to whole hand/arm	< 2.50 m/s²
Steering wheels (front / rear)  Controls  2 Joysticks  Safety cab homologation  ROPS - FOPS level 2 cab	Miscellaneous	
Controls 2 Joysticks Safety cab homologation ROPS - FOPS level 2 cab		2/2
Safety cab homologation ROPS - FOPS level 2 cab	Controls	
	Safety cab homologation	
	Attachment recognition system (E-Reco)	Standard

## MRT 3570 ES - Dimensional drawing



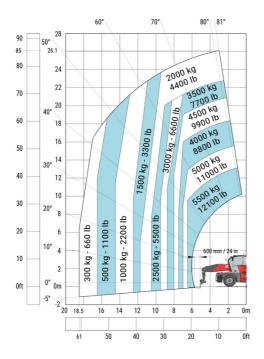




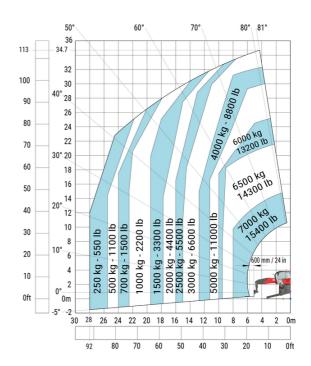
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90°)	a7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	l12	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.45 m

#### MRT 3570 ES - Load chart

### Machine on tyres with forks Metric

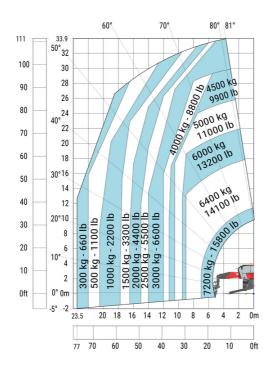


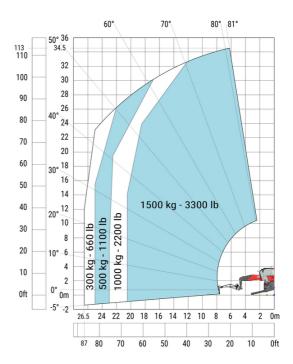
#### Machine on lowered stabilisers with forks Metric



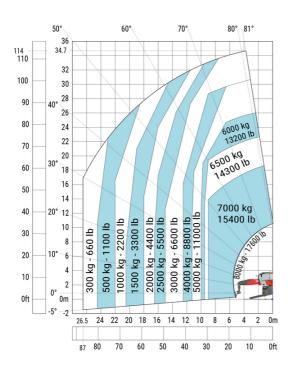
Machine on lowered stabilisers with winch 7200 kg (metric)

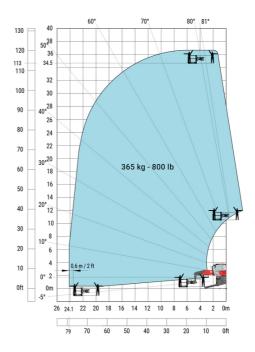
Machine on lowered stabilisers with 1500 kg jib Metric



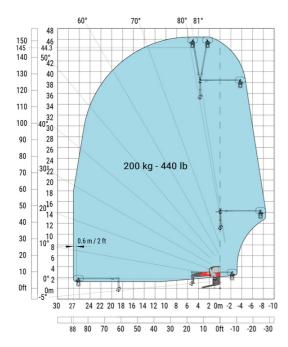


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# 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



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