Technical sheet:

MRT-X 1845

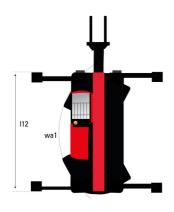
VISION

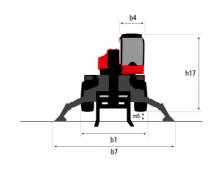


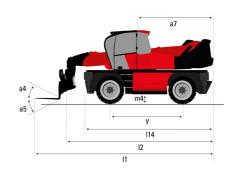


Capacities	created on July 27, 2025 at 8:40 AM UT
Max. Intig helpit Maximum outsech Weight and dimensions Overall lergin (with foxis) Length offace of foxis 12 Overall width 0 bi 17 Overall cab width 17 Overall very cap width 17 Overall	Metric
Maximum outreach Weight and dimensions Overall length (with forks) Length to face of forks Overall length (with forks) Length to face of forks Overall length Overall height Overall height Overall height Overall height Overall cannee In the second of the second overall decided the second ov	4500 kg
Weight and dimensions	18 m
Owerall reign (with focks)	15.20 m
Length of ace of forks	
Overall width bl Overall height h17 Overall cab width bd Ground clearence m4 Wheelbase y Titley angle a4 Titley angle a4 Titley angle a4 Titled own angle a5 Turnet rotation Weeld will see the seek of the seek	7.26 m
Overall height h17 Overall can width b4 Ground clearance m4 Wheelbase y Tilt-top angle a4 Tilt-top angle a5 Turret rotation Torest can be compared to the compared to th	6.06 m
Operation abwidth b4 Ground clearance m4 Wheelbase y Tillety angle a4 Tillety angle a5 Turne troation Decreal weight Overall weight Forsis length width / section 1/e / s Wheels Standard tres Drive wheels (front/ rear) Stealing mode Stabilizers Stabilizers Type Controls with stabs Engine model 1.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of states of statesy voltage 1.V. Engine power rating / Power Max. torque / Engine rotation (min) Number of states / Statesy voltage 1.V. States, capacity Engine cooling system Transmission hype Number of spacin (forward / reverse) Drawb	2.42 m
Ground clearance	3.04 m
Wheelbase y Tiltup angle a4 Turst toation 1 Coverall weight Forks length / width / section 1 / e / s Wheels Standard tires Drive wheels (front / rear) Steering mode Stabilizers Type Contols with stabs Engine brand Engine brand Engine model LC. Engine power rating / Power Max. Stoque / Engine rotation (min) Number of platities - Capacity of cylinders Electic circuit Number of batteries / Battery voltage Electic circuit Number of paster (forward / reverse) Drawbar pull Transmission Transmission type Number of paster (forward / reverse) Drawbar pull Performances	0.96 m
Tilt-down angle a5 Tilt-down a5	0.37 m
Tunet rotation **Transit position **Transit position (pres) **Transit po	2.43 m
Turet rotation Overal weight I / e / s Offsel seingth / width / section I / e / s Wheels Standard tires I / e / s Drive wheels (front / rear) Steering mode I / e / s Sabilitizers Sabilitizers Type I / e / s Controls with stabts I / e / s I / e / s Engine brand I / e / s I / e / s Engine nome I / e / s I / e / s Engine power rating / Power I / e / s I / e / e / s Max. torque / Engine rotation (min) I / e / e / e / e / s I / e / e / e / e / e / e / e / e / e /	10 °
Overall weight 1 / e / s Fork's length / width / section 1 / e / s Wheels 1 / e / s Standard tires Drive wheels (front / rear) Steeling mode \$ shabilisers Stabilisers Type \$ controls with stabs Engine \$ controls with stabs Engine broard \$ controls with stabs Engine model \$ controls with stabs Engine prover rating / Power \$ controls with stabs Engine power rating / Power \$ controls with stabs Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs Inc. Engine power rating / Power \$ controls with stabs	107 °
Forks length / width / section	400 °
Shandard lises Dire wheels (front / rear) Steening mode Sabilitiess Stabilizers Type Controls with stabs Engine Engine Name Engine mode Lo, Engine power atling / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine conting system Electric circuit Number of batteries / Battery voltage 1212 Wattery capacity Battery starting current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulics pump type Hydraulic flow Hydraulics pump type Hydraulic flow Hydraulics pum to the starting to the s	14100 kg
Standard tires Drive wheels (front / rear) Stabilizers Stabilizers Type Controls with stabs Engine Engine brand Engine brand Engine model LC. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine soling system Engine soling system Engine coling system Engin	1200 mm x 125 mm x 50 mm
Drive wheels (front / rear) Stabilizers mode Stabilizers Type Controls with stabs Engine Engine Engine hand Engine nom Engine power rating / Power Max. toque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of states / Battery voltage 12V Battery capacity Battery stating curent Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulice pump type Hydraulice flow Hydraulice pump type Hydraulice flow Hydraulice flow Hydraulice flow Hydraulice flow Hydraulice flow Hydraulice flow Hydraulice sure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to driving position (LpA) Vibration on hands/arms	
Stabilizers Stabilizers Type Controls with stabs Engine Engine Brand Engine norm Engine model LC. Engine power rating / Power Max. torque / Engine totation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12½ Battery capacity Battery stating current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Geadeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic flow Hydraulic Flossure Tank capacities Engine oil Fuel tank Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/ams	405/70-20
Stabilizers Stabilizers Type Controls with stabs Engine Engine Brand Engine norm Engine model LC. Engine power rating / Power Max. torque / Engine totation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12½ Battery capacity Battery stating current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Geadeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic flow Hydraulic Flossure Tank capacities Engine oil Fuel tank Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/ams	2/2
Stabilizers Type Chorto's with stabs Engine Engine brand Engine nome Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine coding system Electric clicuit Number of batteries / Battery voltage 12 Va battery capacity Battery starting current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type Hydraulic Pressure Full tank	2 wheel steer, 4 wheel steer, Crab mode
Controls with stabs Engine Engine Engine hand Engine nom Engine model L.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic pump type Hydraulic Pressure Tank Capacities Engine coil and incompany of the control of the contr	
Controls with stabs Engine Engine Engine hand Engine nom Engine model L.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic pump type Hydraulic Pressure Tank Capacities Engine coil and incompany of the control of the contr	Wing Type
Engine brand Engine brand Engine model 1.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12.V Battery capacity Battery starting current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeablity (laden / unladen) Hydraulice pump type Hydraulice pump type Hydraulice Pessure Tank capacities Funder Sustem Funder Funder Sustem Fund	Stabs Commands Individual or Simultaneous
Engine brand Engine mome L.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12/2 Battery capacity Sattery capacity Sattery capacity Sattery caragically Sattery caragically Sattery capacity Parking brake Service brake Performances Gradeablity (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic pump type Hydraulic Pressure Tank Capacities Engine coil Gradea diviting position (LpA) Noise at driving position (LpA) Vibration on hands/arms	
Engine nome Engine model LC. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	Deutz
Engine model 1.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission ype Number of gars (forward / reverse) Drawbar pull Parking brake Service brake Perfomances Gradeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic pressure Engine coil Fuel tank Noise and vihration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/ams	Stage IIIA
I.C. Engine power rating / Power Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine coil (LpA) Noise at driving position (LpA) Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/ams	TCD 3.6 L4
Max. torque / Engine rotation (min) Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission ype Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic Brow Hydraulic pump type Hydraulic pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	116 Hp / 85 kW
Number of cylinders - Capacity of cylinders Engine cooling system Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic promp type Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/amms	460 Nm @ 1600 rpm
Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic pump type Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	4 - 3620 cm ³
Electric circuit Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulics pump type Hydraulic prompt ype Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and ribration Noise of driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	Water cooled
Number of batteries / Battery voltage 12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pump type Hydraulic pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	
12V Battery capacity Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic pressue Hydraulic Pressue Tank capacities Engine oil Fuel tank Vioise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/amms	2 x 12 V
Battery starting current Transmission Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulic oump type Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	120 Ah
Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Perfomances Gradeability (laden / unladen) Hydraulic pump type Hydraulic flow Hydraulic Fressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	(EN)850 A
Transmission type Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise and vibration Noise and vibration Noise to environment (LwA) Vibration on hands/arms	(2.1,)000 //
Number of gears (forward / reverse) Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow Hydraulic flow Hydraulic flow Hydraulic flow Hydraulic pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise and vibration Noise o environment (LwA) Vibration on hands/arms	Hydrostatic
Drawbar pull Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulice Hydraulic pump type Hydraulic flow Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise and vibration Noise to environment (LwA) Vibration on hands/arms	2 / 2
Parking brake Service brake Performances Gradeability (laden / unladen) Hydraulics Hydraulic purp type Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise and vibration Noise to environment (LwA) Vibration on hands/arms	9700 daN
Service brake Performances Gradeability (laden / unladen) Hydraulics Hydraulic flow Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise o environment (LwA) Vibration on hands/arms	Automatic negative parking brake
Performances Gradeability (laden / unladen) Hydraulics Hydraulic flow Hydraulic flow Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise and vibration Noise to environment (LwA) Vibration on hands/arms	Oil-immersed multi-discs braking on front & rear
Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow Hydraulic Fressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	axles
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	
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	46.60 % / 50.90 %
Hydraulic pump type Hydraulic flow Hydraulic Fressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	
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	Variable displacement pump
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	116 l/min
Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	275 bar
Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	
Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	11
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	130 I
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms	
Noise to environment (LwA) Vibration on hands/arms	68 dB
Vibration on hands/arms	106 dB
	< 2.50 m/s²
	- 2.00 11/3
Steering wheels (front / rear)	2 / 2
Controls	2 Joysticks
Cab certification	Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)	Standard

MRT-X 1845 - Dimensional drawing





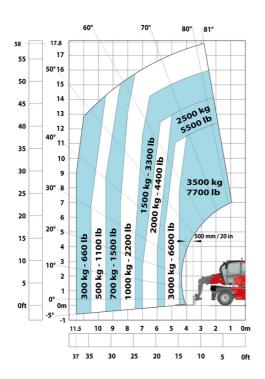


Other data
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
External turning radius (over tyres)
Overall width with stabilisers extended
Overall height
Ground clearance under front tires on stabilizers

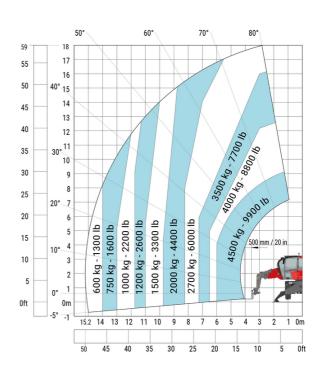
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1845 - Load chart

Machine on tires with forks Metric

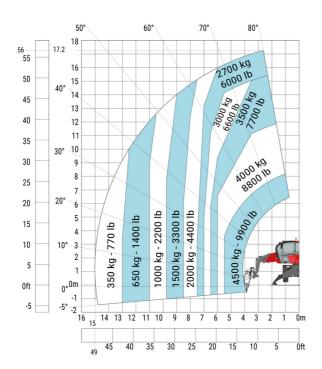


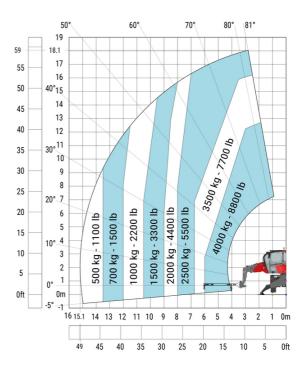
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

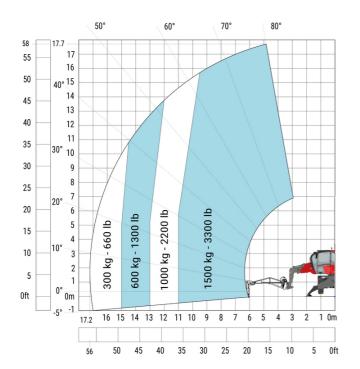
Machine on lowered stabilisers with 4000 kg jib (Metric)

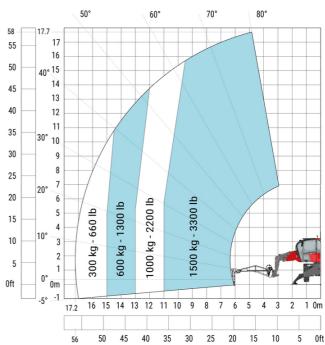




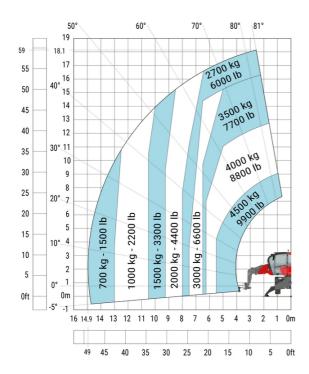
(Metric)

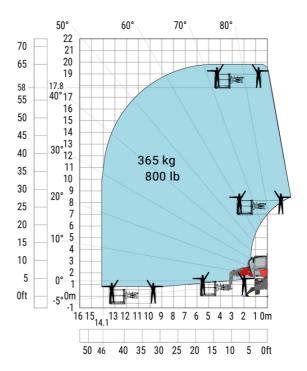
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with extensible jib with winch (Metric)



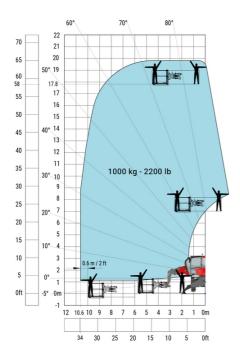


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 1000 kg platform Metric







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