Technical sheet :

MHT-X 10200 ST3A

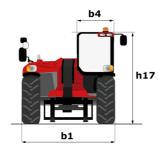


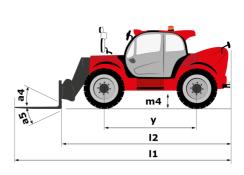


Capacities Image: Capacity Capacity Lead center of gravity c Max. riting height c Max. utring height Image: Capacity Weight and dimensions Image: Capacity Overall length Image: Capacity Unadian weight (with forks) Image: Capacity Gourd clearance Y Unadian weight (with forks) Image: Capacity Gourd clearance Y Unadian weight (with forks) Image: Capacity Gourd clearance Y Unadian weight (with forks) Image: Capacity Consult clearance Y Unadian weight (with forks) Image: Capacity Oreall height Image: Capacity Oreall height (with forks) Image: Capacity Oreall height (with forks) Image: Capacity Oreall height (with forks) Image: Capacity Itidown angle Image: Capacity Itidown angle Image: Capacity Itidown angle Image: Capacity Extend luming radius (over types) Image: Capacity Sendard	Metric 19999 kg 600 mm 9.70 m 5.40 m 7.90 m 26850 kg 0.41 m 3.75 m 6.70 m
Lead catter of gavitycMax. itifing heightIMax. suited of Max. Suited of	600 mm 9.70 m 5.40 m 7.90 m 26850 kg 0.41 m 3.75 m
Max. lifting height I Max. uitting height I Max. dureach II Unider weight (with focks) II Ground clearance M4 Wheelbase Y Length to face of forks JI Overall widh Di Overall widh Bi Overall widh Bi Overall widh Ai Overall widh vice to forks Ai Disk length vick for year Ai Standard tires If let /s Standard tires If let /s Disk weight fork year Ai Standard tires If let /s Standard tires If let /s Disk weight fork year If let /s <td>9.70 m 5.40 m 7.90 m 26850 kg 0.41 m 3.75 m</td>	9.70 m 5.40 m 7.90 m 26850 kg 0.41 m 3.75 m
Max. outreachIWeight ad dimensionsIIUniden weight (with forks)IIGround clearanceMathWheelbaseYLength to face of forksJ12Overall lengthDilOverall lengthDilOverall lengthDilOverall lengthAddTill-down angleAddExternal turning radius (over tyres)AddForke length (with / sectionI / e / sFame leveling correctorI / e / sStandard tiresNumber of fort wheels / rear wheelsDrive wheels (front / rear)I / e / sStandard tiresI / e / sDire wheels (front / rear)I / e / sStandard tiresI / e / sDire wheels (front / rear)I / e / sStandard tiresI / e / sDrive wheels (front / rear)I / e / sStandard tiresI / e / sBraine beauting core torI / e / sBraine beauting core train / e / e / sI / e / sStandard tiresI / e / sBraine beauting core train / e / e / sI / e / sDire wheels (front / rear)I / e / e / sStandard tiresI / e / e / e / e / e / e / e / e / e /	5.40 m 7.90 m 26850 kg 0.41 m 3.75 m
Weight and dimensions In Overall length In Unlader weight (with forks) m4 Wheelbase y Ground clearance m4 Wheelbase y Overall width b1 Overall width b4 Tilt-own angle a5 Tilt-pangle a6 Extenal turing radius (over tyres) Wall Frame leveling corrector a9 Wheels Max Standard trees Standard trees Number of front wheels / rear wheels Standard trees Number of front wheels / rear wheels Standard trees Number of clinders / Capacity of cylinders Standard trees Engine norm Standard trees Engine norm Standard tres LC. Engine power	7.90 m 26850 kg 0.41 m 3.75 m
Overall lengthIIUniade weight (with forks)m4Wheelbasem4WheelbaseyLength forace of forksDtOverall withDtOverall heighth17Overall ack withh17Overall ack withh17Overall heighth17Overall dividh17Overall dividh18Overall dividh18 <t< td=""><td>26850 kg 0.41 m 3.75 m</td></t<>	26850 kg 0.41 m 3.75 m
Unladen weight (with forks)mGround clearancem4Mueblase12Uength to face of forks12Overall withb1Overall withb4Overall withb4Undam anglea5Tiltup anglea4External tuming adius (over tyres)Wa1Forks length / with / section1/ e / sFame leveling correctora9Standard tires1/ e / sStandard tires1/ e / sDrive wheels / rear wheels	26850 kg 0.41 m 3.75 m
Ground clearance m4 Wheelbase y Length face of forks 12 Overall width b1 Overall width b1 Overall od width b4 Extend turing radius (over tyres) a4 Extend turing radius (over tyres) 1/ ef s Frame leveling corrector a9 Standard fires a9 Number of front wheels / rear wheels a1 Driv wheels (front / rear) second Steening mode a1 Engine brand a1 Engine conting / power sting / powe	0.41 m 3.75 m
WheelbaseyLength forace of forks12Overall width161Overall cab width161Overall cab width64Tit-dow angle64Extemal turning radius (over tyres)84Extemal turning radius (over tyres)17 e f sFrame leveling concector99Wheelb17 e f sStandard tires17 e f sNumber of front wheels / rear wheels17 e f sDrive wheels (tront / rear)17 e f sSteering mode17 e f sEngine brand17 e f sEngine norm17 e f sEngine nord17 e f sEngine nord17 e f sEngine power rating / Power17 e f sL. Engine power rating / Power17 e f sMax. travel speed17 e f sParametission ftpe17 e f sTransmission ftpe17 e f sNumber of partice (rating / reverse)17 e f sMax. travel speed17 e f sParking brake17 e f sService brake17 e f sCradeability (laden / unladen)17 e f sHydraulic pump type17 e f sHydraulic pump type17 e f s <td>3.75 m</td>	3.75 m
Length to face of forks 12 Querall width b1 Overall dwidth b4 Till-to analge a5 Till-to analge a4 Extemal tuming radius (over tyres) Wa1 Forks length / width / section 1/ e / s Frame leveling corrector a9 Wheels 35 Standard tires a9 Number of front wheels / rear wheels a9 Driv wheels (front / rear) a9 Steering mode a9 Engine nom a9 Engine nom a9 Engine nom a9 Runder of cylinders / rear wheels a9 Number of front wheels / rear wheels a9 Viscourd from wheels / rear wheels a9 Standard tires a9 Number of front wheels / rear wheels a9 Driv wheels (front / rear) a9 Steering mode a0 Regine nom a1 Engine nom a1 Engine nom a1 Engine order (Jonger otation a1 Engine order (Jonger otation a1 Engine order of stateries a1 Battery otage a1 Invastor (geas (forward / reverse) a1	
Length to face of forks 12 Overall width 11 Overall width 11 Overall ow dith 14 Tilt-to anale 35 Tilt-to angle 44 Tilt-to angle 1/ e / s Extemal tuming radius (over types) 1/ e / s Forks length width / section 1/ e / s Frame leveling corrector a9 Wheels 1/ e / s Standard tires 1/ e / s Number of front wheels / rear wheels 39 Viscing mode 1/ e / s Engine mode 1/ e / s Engine nom 1/ e / s Engine ord cylinders / Capacity of cylinders 1/ e / s LC. Engine power rating / Power 1/ e / s Number of batteries 1/ e / s Engine colling colling system 1/ e / s Number of batteries 1/ e / s Engine colling colling system 1/ e / s Number of gaesa (forward / reverse) 1/ e / s Number of gaesa (forward / reverse) 1/ e	(70
Oerall widthb1Overall heighth177Overall cab widthb4Strest option width (see Construction option optio	6.70 m
Overall cash withb4Iltedown anglea5Iltedown anglea4External luming radius (over tyres)WealFoks length / with / section1 / e / sFrame leveling correctora9WheskIltedown angleStandard tiresIltedown angleNumber of font wheels / rear wheelsIltedown angleDrive wheels (front / rear)Iltedown angleSteering modeIltedown angleEngine bandIltedown angleEngine modeIltedown angleNumber of cylinders / Casacity of cylindersIltedown angleLot Engine power rating / PowerIltedown angleMumber of batteriesIltedown angleBatter whageIltedown angleNumber of batteriesIltedown angleStering loger (forward / revers)Iltedown angleMax. tareal speedIltedown angleParking bakeIltedown angleStreice bakeIltedown angleGradeality (idden / unladen)Iltedown angleHydraulic flow - PressureIltedown angleHydraulic flow -	2.58 m
Overall cash withb4Iltedown anglea5Iltedown anglea4External luming radius (over tyres)WealFoks length / with / section1 / e / sFrame leveling correctora9WheskIltedown angleStandard tiresIltedown angleNumber of font wheels / rear wheelsIltedown angleDrive wheels (front / rear)Iltedown angleSteering modeIltedown angleEngine bandIltedown angleEngine modeIltedown angleNumber of cylinders / Casacity of cylindersIltedown angleLot Engine power rating / PowerIltedown angleMumber of batteriesIltedown angleBatter whageIltedown angleNumber of batteriesIltedown angleStering loger (forward / revers)Iltedown angleMax. tareal speedIltedown angleParking bakeIltedown angleStreice bakeIltedown angleGradeality (idden / unladen)Iltedown angleHydraulic flow - PressureIltedown angleHydraulic flow -	2.98 m
Tildown anglea5Tilkup anglea4External luming radius (over tyres)Wa1Forks length / width / section1 / e / sFrame leveling correctora9Wheels1Standard tires1Number of font wheels / rear wheels1Drive wheels (front / rear)1Stering mode1Engine brand1Engine norm1Engine norm1C. Engine power rating / Power1Mumber of cylinders / Capacity of cylinders1C. Engine power rating / Power1Battery soltage1Tansmission type1Number of parts (forward / reverse)1Mumber of parts (forward / reverse)1Max. tarel speed1Parking brake1Strice brake1Frasmission type1Mumber of parts (forward / reverse)1Max. tarel speed1Parking brake1Strice brake1Gradeality (liden / unladen)1Hydraulic flow - Pressure1Hydraulic flow - Pressure1	0.95 m
Tiltup anglea4Extenal huming radius (over tyres)Wa1Forks length / width / section1 / e / sFrame leveling correctora9Whels1Standard tires1Number of front wheels / rear wheels1Drive wheels (rear wheels1Brite wheels / rear wheels1Brite wheels / rear wheels1Engine fort / rear)1Steering mode1Engine brand1Engine brand1Engine power rating / Power1I.C. Engine power rating / Power1I.C. Engine power rating / Power1I.S. Engine Colling system1Number of functions1Engine colling system1Number of anteries1Battery voltage1I.T. ansmission type1Number of gears (forward / reverse)1Max. travel speed1Parking brake1Strice brake1Strice brake1Strice brake1Strice brake1Gradeality (Iden / nulden)1Hydraulic flow - Pressure1Hydraulic flow - Pressure1	103 °
Extemal huming radius (over tyres)Wa1Forks length / width / sectionI / e / sFrame leveling correctora9WheelsIStandard tiresINumber of front wheels / rear wheelsIDrive wheels (front / rear)ISteering modeIEngine brandIEngine brandIEngine omIStorque / Engine power rating / PowerINumber of cylinders / Capacity of cylindersII.C. Engine power rating / PowerINumber of store is systemINumber of gars (forward / reverse)IMax. travel speedIParking brakeIStrike Brake	14 °
Forks length / width / section I / e / s Frame leveling corrector a9 Wheels Standard tires Number of front wheels / rear wheels I Drive wheels (front / rear) I Steering mode I Engine brand I Engine model I Number of cylinders / Capacity of cylinders I LC. Engine power rating / Power I Max. torque / Engine rotation I Engine of batteries I Battery voltage I Drawshould I Number of genomed I Number of batteries I Battery voltage I Drawshould I Number of gears (forward / reverse) I Max. travel speed I Parking brake I Service brake I Gradeability (laden / unladen) I Hydraulic flow · Pressure I	5.60 m
Frame leveling corrector a9 Wheels Standard times Standard times Image of front wheels / rear wheels Number of front wheels / rear wheels Image of front wheels / rear wheels Drive wheels (front / rear) Image of front wheels / rear wheels Steering mote Image of front wheels / rear wheels Engine brand Image of front wheels / rear wheels Engine norm Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.C. Engine power rating / Power Image of cylinders I.S. Engine cooling system Image of cylinders Number of batteries Image of cylinders I.S. Engine cooling system Image of cylinders Tansmission type Image of cylinders Number of gears (forward / reverse) Image of cylinders	1200 mm x 200 mm / 80 mm
Wheels image: second secon	1200 mm x 200 mm / 80 mm
Standard tires Initial standard tires Number of front wheels / rear wheels Initial standard tires Drive wheels (front / rear) Initial standard tires Steering mode Initial standard tires Engine brand Initial standard tires Engine model Initial standard tires Number of cylinders / Capacity of cylinders Initial standard tires LC. Engine power rating / Power Initial standard tires Number of batteries Initial standard tires Battery voltage Initial standard tires Number of gats (forward / reverse) Initial standard tires Number of gats (forward / reverse) Initial standard tires Service brake Initial standard tires	10
Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine brand Engine nom Engine nodel Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Endite rotation Battery voltage Drawbar pull Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (Iden / unladen) Hydraulic flow - Pressure	46.00.005
Drive wheels (front / rear) Image: Comparison of the second of the s	16.00 R25
Steering mode Image: Steering mode Engine brand Image: Steering mode Engine norm Image: Steering mode Engine model Image: Steering mode Number of cylinders / Capacity of cylinders Image: Steering mode I.C. Engine power rating / Power Image: Steering mode Max. torque / Engine rotation Image: Steering mode Stering system Image: Steering mode Number of batteries Image: Steering mode Battery voltage Image: Steering mode Transmission type Image: Steering mode Number of gars (forward / reverse) Image: Steering mode Max. travel speed Image: Steering mode Parking brake Image: Steering mode Service brake Image: Steering mode Gradeability (laden / unladen) Image: Steering mode Hydraulic pump type Image: Steering mode Hydraulic flow - Pressure Image: Steering mode	2/2
Engine Image: Second Secon	2 / 2
Engine brand Image: Comparison of Compar	2 wheel steer, 4 wheel steer, Crab mode
Engine nom Engine nom Engine nom Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type Hydraulic fow - Pressure	
Engine model Initial engine model Number of cylinders / Capacity of cylinders Initial engine LC. Engine power rating / Power Initial engine Max. torque / Engine rotation Initial engine Engine cooling system Initial engine Number of batteries Initial engine Battery voltage Initial engine Drawbar pull Initial engine Transmission type Initial engine Number of gears (forward / reverse) Initial engine Max. travel speed Initial engine Parking brake Initial engine Service brake Initial engine Gradeability (laden / unladen) Initial engine Hydraulic pump type Initial engine Hydraulic flow - Pressure Initial engine	Yanmar
Number of cylinders / Capacity of cylinders 1.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type Hydraulic flow - Pressure	Stage IIIA
I.C. Engine power rating / Power Image: Section	4TN107TT-6SMU2
Max. torque / Engine rotation Image: Sector Sec	4 - 4567 cm ³
Engine cooling system Image: System Number of batteries Image: System Battery voltage Image: System Drawbar pull Image: System Transmission type Image: System Number of gears (forward / reverse) Image: System Max. travel speed Image: System Parking brake Image: System Service brake Image: System Gradeability (laden / unladen) Image: System Hydraulic pump type Image: System Hydraulic flow - Pressure Image: System	211 Hp / 155 kW
Number of batteries Battery voltage Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Cradeability (laden / unladen) Hydraulic pump type Hydraulic flow - Pressure	805 Nm@1500 rpm
Battery voltage Image: Setting the set is set is setting the set is se	Water
Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type Hydraulic flow - Pressure	2
Transmission Image: constraint of the second of the se	12 V
Transmission type Image: Section of gears (forward / reverse) Max. travel speed Image: Section of gears (forward / reverse) Parking brake Image: Section of gears (forward / reverse) Service brake Image: Section of gears (forward / reverse) Gradeability (laden / unladen) Image: Section of gears (forward / reverse) Hydraulics Image: Section of gears (forward / reverse) Hydraulic flow - Pressure Image: Section of gears (forward / reverse)	18140 daN
Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure	
Max. travel speed Image: Speed Parking brake Image: Speed Service brake Image: Speed Gradeability (laden / unladen) Image: Speed Hydraulics Image: Speed Hydraulic flow - Pressure Image: Speed	Hydrostatic
Parking brake Service brake Service brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure	2 / 2
Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure	25 km/h
Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure	Automatic negative parking brake
Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure	Oil-immersed multi-discs braking on front & rear
Hydraulics Hydraulic pump type Hydraulic flow - Pressure	axles
Hydraulic pump type Hydraulic flow - Pressure	30.50 % / 58.90 %
Hydraulic flow - Pressure	
	Variable displacement pump
Tank capacities	275 l/min - 350 bar
Engine oil	13
Hydraulic oil	290 I
Fuel tank	315 I
Noise and vibration	
Noise at driving position (LpA)	75 dB
Noise to environment (LwA)	109 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM
Attachment recognition system (E-Reco)	Standard

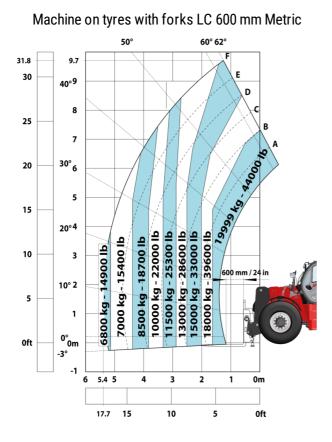
MHT-X 10200 ST3A - Dimensional drawing



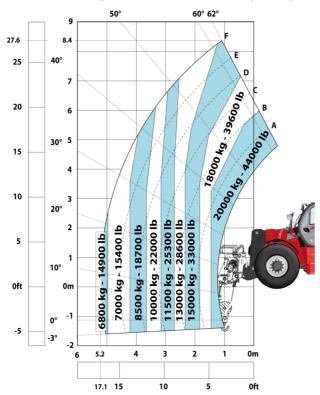




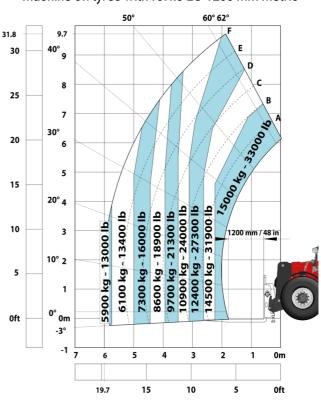
MHT-X 10200 ST3A - Load chart



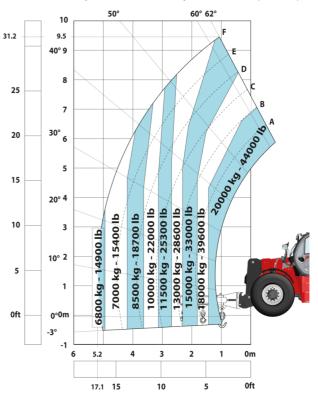
Machine on tyres with winch 20000 kg (Metric)

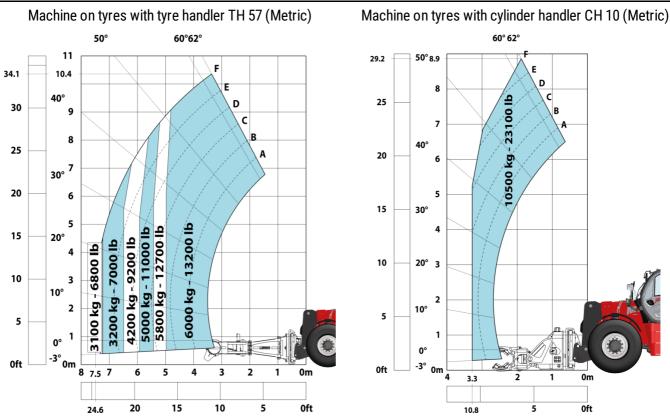


Machine on tyres with forks LC 1200 mm Metric



Machine on tyres with 3-hook jib 20000 kg (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