Technical sheet :

MHT-X 11250 ST3A

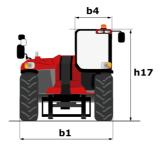


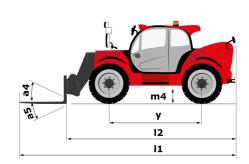


Capacities Max. capacity Load center of gravity Max. lifting height Max.lifting height Maximum outeach Weight and dimensions Overall length Unladen weight (with forks) Giorand cleanance Wheelbase Length to face of forks Overall with Overall with Overall cab with Tiltdown angle Tiltdown angle Stemat tuming radius (over tyres) Forks length / with / section Frame leveling connector Wheels Standard tires Number of front wheels / rear wheels Dine wheels (font / rear) Steering mode Engine nom Engine mode Number of planet / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine notion Engine band Engine band Engine power rating / Power Max. torque / Engine notion Engine power rating / Power Number of gass (roward / reverse) Max. tarel speed	C 11 m4 y 12 b1	Metric 24999 kg 900 mm 10.60 m 6 m 8.92 m 32950 kg 0.47 m
Load center of gravity Mar. Ifting height Maximum outeach Weight and dimensions Overall length Uhladen weight (with forks) Ground clearance Wheebase Length to face of forks Overall width Overall width Overall width Tithebase Length to face of forks Overall adwidth Tithebase Length to face of forks Overall adwidth Tithebase Length to face of forks Overall adwidth Tithebangle Tithebangle Tithebangle Steand tires Number of front wheels / trae wheels Drive wheels (front / rear) Steering mode Engine brand Engine model Number of cylinders / Capacity of cylinders Li. Engine power raiting / Power Max. torque / Engine totoon Engine cooling system Number of steries Battery voltage Drawbar pull Tensnission type Number of gra	11 m4 y 12 b1	900 mm 10.60 m 6 m 8.92 m 32950 kg
Max. lifting height Maximum outeach Wight and dirensions Overall length Unladen weight (with forks) Grund clearance Wheelbase Length to face of forks Overall width Overall width Overall ide width Tift-up agle Tift-up agle Tift-up agle Tift-up agle Tift-down angie External tuming radius (over tyres) Forks length / width / section Frame leveling corrector Wheels Standard tries Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine nom Engine nom Engine nom Engine nom Lo. Engine power rating / Power Max. torque / Engine votation Engine sont Lorden barbeis Number of batteries Battery voltage Drawbar pul Tansmission type Number of gaves (forward / revrse) Max. tavei speed Parking bake <td>11 m4 y 12 b1</td> <td>10.60 m 6 m 8.92 m 32950 kg</td>	11 m4 y 12 b1	10.60 m 6 m 8.92 m 32950 kg
Maximum outeach Viell rand dimensions Voreal length Intersions Unladen weight (with forks) Ground clearance Wheelbase Intersions Length to face of forks Overall length Overall width Overall length Overall width Overall length Overall width Overall length Overall width They angle Tilt-down angle External tuming radius (over tyres) Forks length / width / section Frame leveling corrector Venels Standard tires Number of front wheels / rear wheels Dominations Frame leveling corrector Frame leveling corrector Wheels Frame leveling corrector Wheels Frame leveling corrector Wheels Frame leveling corrector Standard tires Frame leveling corrector Number of front wheels / rear wheels Dominations Engtine mond Frame leveling corrector Loc. Engine mode Frame leveling corrector Number of plinders / Capacity of cylinders Frame leveling corrector Number of batteries Engtere corrector Number o	m4 y l2 b1	6 m 8.92 m 32950 kg
Weight and dimensions Overall length Unladen weight (with forks) Ground clearance Wheebase Length to face of forks Overall whight Overall height Overall height Overall height Overall whight Overall whight Overall height Overall whight Overall whight Tilt-up angle Tilt-down angle External tuming radius (over types) Forks length / width / section Farme leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine port Engine port Engine port Engine port Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. travel / Engine rotation Engine colling system Number of patiene rotation Engine colling system Number of patiene rotation Engine colling system Number of	m4 y l2 b1	8.92 m 32950 kg
Overall length Unladen weight (with forks) Ground clearance Wheelbase Length to face of forks Overall width Tiltypa angle Tiltypa angle Forks length / width / section Frame leveling corrector Wheelbase Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine brand Engine model Number of cylinders / Capacity of cylinders LC. Engine power atlang / Power Max. torque / Engine rotation Engine cooling system Number of as (forward / reverse) Max. torque / Engine totation Engine cooling system Number of asteries Battery voltage Drawbar pull Tamsmission type Number of asteries <td>m4 y l2 b1</td> <td>32950 kg</td>	m4 y l2 b1	32950 kg
Unladen weight (with forks) Image: Comparison of Compa	m4 y l2 b1	32950 kg
Ground clearance Wheelbase Length to face of forks Overall width Overall height Overall to shvidth Tilk-up angle Tilk-up angle External turning radius (over tyres) Forks length / widt / section Frame leveling corrector Wheels Standard tires Number of front tweels / rear wheels Drive wheels (front / rea) Steering mode Engine nom Engine model Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission type Number of geas (forward / reverse) Max. tarvel speed Parking brake Service brake Gradeability (Laden / unladen)	y 12 b1	-
Wheelbase Length to face of forks Overall width Overall cab width Tilt-ya ngle Tilt-ya ngle Tilt-down angle External tuning radius (over tyres) Forks length / width / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine norm Engine norm Engine nord Lo. Engine power rating / Power M. Strotque / Engine rotation Engine cooling system Number of gears (forward / reverse) Max. torque / Engine ty Power Max. tareal speed Parking brake Service tarke Gradeability (laden / unladen) Hydraulice pump type	y 12 b1	0.47 m
Length to face of forks Overall width Overall ab width Image Tilt-up angle Tilt-op angle Tilt-down angle External tuming radius (over tyres) Forks length, vidth / section Frame leveling corrector Wheels Standard tires Number of fort wheels / rear wheels Image Drive wheels (front / rear) Image Steering mode Image Engine band Image Loc Engine power rating / Power Image Mumber of to twiteries Image Battery vidtage Image Drawbar pull Image Transmission type Image Number of gats (forward / reverse) Image Max. tarel speed Parking brake Service brake Image Gradeability (lacen / unlacen) Image Parking brake Image Service brake Image Gradeability (lacen / unlacen) Image	l2 b1	
Overall width Overall height Overall cab width Tilkup angle Tilkup angle Extemal turning radius (over tyres) Forks length / width / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine brand Engine norm Engine nord Rumber of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Engine ord Rumber of disteries Battery woltage Drawbar pull Transmission type Number of gears (forward / reverse) Max. targue speed Parking brake Service brake Gradeability (laden / unladen) Hydraulice pump type	l2 b1	4.10 m
Overall height Image Overall cab width Image Till-gown angle Image Till-down angle Image Extemal tuming radius (over tyres) Forks length / width / section Frame leveling corrector Image Wheels Image Standard tires Image Number of front wheels / rear wheels Image Drive wheels (front / rear) Image Stering mode Image Engine brand Image Engine model Image Number of cylinders / Capacity of cylinders Image L.C. Engine model Image Number of cylinders / Capacity of cylinders Image Engine trating / Power Image Max. torque / Engine rotation Image Engine cooling system Image Number of batteries Image Battery woltage Image Drawbar pull Image Transmission type Image Number of gears (forward / reverse) Image Max. travel speed Image Service brake Image		7.12 m
Overall cab width Tilt-up angle Tilt-down angle Extemal tuming radius (over tyres) Forks length / width / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine nom Engine mode! Number of cylinders / Capacity of cylinders LC. Engine nom Engine nom! Engine node! Number of cylinders / Capacity of cylinders LC. Engine notation Engine coling system Number of batteries Battery voltage Drawbar pull Tansmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type	L17	2.80 m
Overall cab width Tilt-up angle Tilt-down angle Extemal tuming radius (over tyres) Forks length / width / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine nom Engine mode! Number of cylinders / Capacity of cylinders LC. Engine nom Engine nom! Engine node! Number of cylinders / Capacity of cylinders LC. Engine notation Engine coling system Number of batteries Battery voltage Drawbar pull Tansmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type	h17	3.07 m
Tiltdown angle External tuming radius (over tyres) Forks length / with / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engline Engline brand Engline norm Engline nord I.C. Engline power rating / Power Max. torque / Engline rotation Engline cooling system Number of batteries Battery voltage Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type	b4	0.95 m
Tiltdown angle External tuming radius (over tyres) Forks length / with / section Frame leveling corrector Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engline Engline brand Engline norm Engline nord I.C. Engline power rating / Power Max. torque / Engline rotation Engline cooling system Number of batteries Battery voltage Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type	a4	10 °
External turning radius (over tyres) I Forks length / width / section I Frame leveling corrector I Wheels I Standard tires I Number of front wheels / rear wheels I Drive wheels (front / rear) I Steering mode I Engine brand I Engine norm I Engine power rading / Power I Number of cylinders / Capacity of cylinders I I.C. Engine power rading / Power I Max. torque / Engine rotation I Engine cooling system I Number of batteies I Battery voltage I Drawbar pull I Transmission type I Number of gears (forward / reverse) I Max. travel speed I Parking brake I Service brake I Gradeability (laden / unladen) I Hydraulic pump type I	a5	106 °
Forks length / width / section Frame leveling corrector Vheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine brand Engine brand Engine nom Engine nodel 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 (froward / reverse) Max. trage speed Parking brake Service brake Gradeability (laden / unladen)	Wa1	5.50 m
Frame leveling corrector Image: Standard tires Standard tires Image: Standard tires Number of front wheels / rear wheels Image: Standard tires Drive wheels (front / rear) Image: Standard tires Steering mode Image: Standard tires Engine trand Image: Standard tires Engine norm Image: Standard tires Engine model Image: Standard tires Number of cylinders / Capacity of cylinders Image: Standard tires I.C. Engine power rating / Power Image: Standard tires Max. torque / Engine rotation Image: Standard tires Engine coling system Image: Standard tires Number of batteries Image: Standard tires Battery voltage Image: Standard tires Drawbar pull Image: Standard tires Transmission type Image: Standard / reverse) Max. travel speed Image: Standard / reverse Parking brake Service brake Gradeability (laden / unladen) Image: Standard / reverse Hydraulic pump type Image: Standard / reverse	l/e/s	1800 mm x 220 mm x 100 mm
Wheels Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine norm 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	a9	10 °
Standard tires Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine brand 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 Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		
Number of front wheels / rear wheels Drive wheels (front / rear) Steering mode Engine Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Engines Battery voltage Drawbar pull Transmission Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		18.00 R25
Drive wheels (front / rear) Steering mode Engine Engine brand 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 Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulics pump type		2/2
Steering mode Engine Engine brand Engine norm 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 Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		2/2
Engine Engine brand Engine norm 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 Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		2 wheel steer, 4 wheel steer, Crab mode
Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		
Engine norm Engine model Number of cylinders / Capacity of cylinders LC. 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) Hydraulics Hydraulic pump type		Yanmar
Engine model Number of cylinders / Capacity of cylinders LC. 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		Stage IIIA
Number of cylinders / Capacity of cylinders LC. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		4TN107TT-6SMU2
I.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		4 - 4567 cm ³
Max. torque / Engine rotation Engine cooling system Number of batteries Battery voltage Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		211 Hp / 155 kW
Engine cooling system Image: Cooling system Number of batteries Image: Cooling system Battery voltage Image: Cooling system Drawbar pull Image: Cooling system Transmission type Image: Cooling system Number of gears (forward / reverse) Image: Cooling system Max. travel speed Image: Cooling system Parking brake Image: Cooling system Gradeability (laden / unladen) Image: Cooling system Hydraulic pump type Image: Cooling system		805 Nm@1500 rpm
Number of batteries Battery voltage Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulic pump type		Water
Battery voltage I Drawbar pull I Transmission I Number of gears (forward / reverse) I Max. travel speed I Parking brake I Service brake I Gradeability (laden / unladen) I Hydraulic pump type I		2
Drawbar pull Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		12 V
Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		20400 daN
Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Senvice brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		
Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		Hydrostatic
Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		2/2
Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		25 km/h
Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		Automatic negative parking brake
Hydraulics Hydraulic pump type		Oil-immersed multi-discs braking on front & rear axles
Hydraulics Hydraulic pump type		31.50 % / 57.70 %
Hydraulic pump type		
		Variable displacement pump
		286 l/min - 350 bar
Tank capacities		
Engine oil		13
Fuel tank		315 I
Noise and vibration		
Noise to environment (LwA)		109 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Cab certification		
Controls		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Cabin ROPS - FOPS level 2 JSM

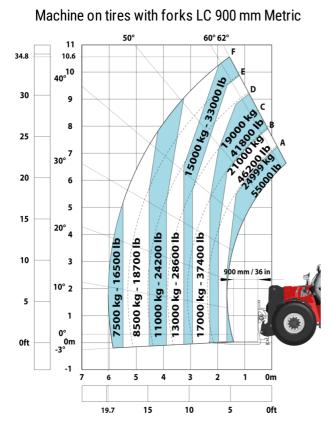
MHT-X 11250 ST3A - Dimensional drawing



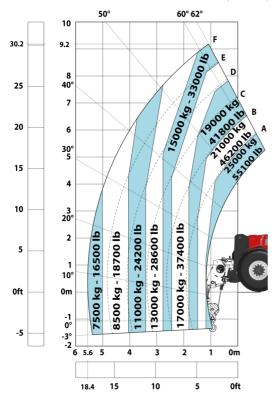




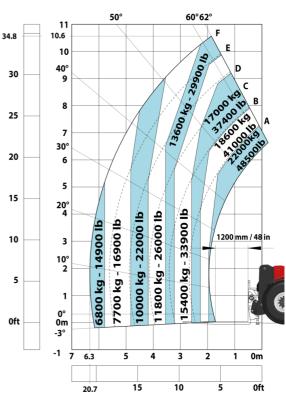
MHT-X 11250 ST3A - Load chart



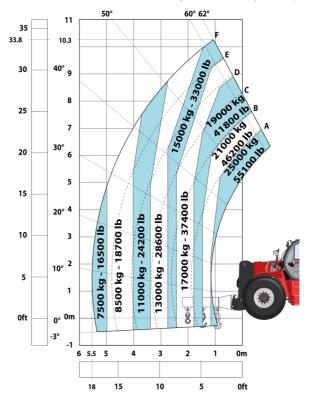
Machine on tires with winch 25000 kg (Metric)

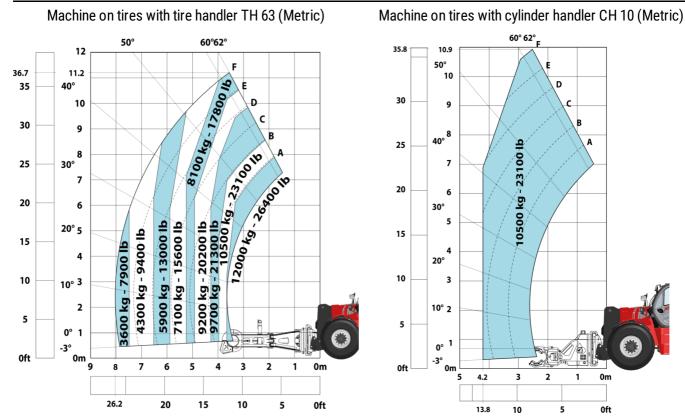


Machine on tires with forks LC 1200 mm Metric



Machine on tires with 3-hook jib 25000 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