Technical sheet:

# **MHT-X 790 ST3A**

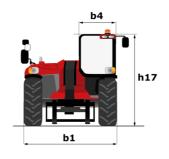


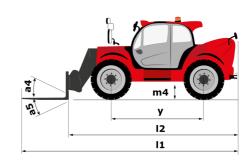


Nace . Capacity  took control of goalty  Nace . History beight  Nace . History beight  Nace . History beight  Nace . History beight  Nace . History height  Nace		MHT-X 790 ST3A Created on July 31, 2025	at 6.35 PW U	
Nace . Capacity  took control of goalty  Nace . History beight  Nace . History beight  Nace . History beight  Nace . History beight  Nace . History height  Nace	Capacities	Metric		
Load Carbon of grantly		9000 kg		
Ass.   Inform period probability   Assistance   Assista				
Machinement production   Machinement product				
1				
13166 kg   1326 kg   132	•	l1 6.41 m		
Note				
Meetbase         y         2.87 m           ceptable for				
seaght for face of forks         12         5.21 m           byearall width         bi         2.47 m           byearall selight         h17         2.54 m           byearall selight         bi         0.33 m           litte out width         bi         0.33 m           litte out water         a5         109 °           litte out marked         a5         109 °           litte out water         lit e         1           vest lead flow from following visition of selength yielder / sear wheels         1/ e / s           litterated flowing adults (veer types)         1/ e / s           litterated flowing adults (veer types)         1/ e / s           litterated flowing flo				
New		·		
Need   Implication   Implica	•			
Neal Lask width				
Tile of pumping				
Ik-down angle				
citemate luming adius (over types)         1 / e / s         1200 mm x 60 mm           rokes length / width / section         1 / e / s         1200 mm x 60 mm           Whetes         445/65 R22, 5           Landard tiles         445/65 R22, 5           Univer wheels (front / rear)         2 / 2           Leeding model         2 wheel steet, 4 wheel steer, Crub mode of the proper of the pr				
Wheele         445/65 F22,5           Unmber of front wheels / rear wheels         2 / 2           Drive wheels (front / rear)         2 / 2           Drive wheels (front / rear)         2 wheel steer, 4 wheel steer, Crab mode           Engine mode         Yanmar           Engine band         Yanmar           Engine model         4 TM 107 HTS SMUF           A 1 Hay 1076 kW         4 A 4567 cm²           C. Engine power rating / Power         14 Hay 1016 kW           Mat. tongue / Engine rotation         602 Nmg  1500 npm           Engine couling system         12 V           Drawbar pull         10050 daN           Fransmission bye         Hydrostatic           Fransmission bye         Hydrostatic           Fransmission bye         Hydrostatic           Fransmission bye         Hydrostatic           Fransmission bye         Automatic negative parking brake           Parking brake         Automatic negative			v 60 mm	
Standard tires		17 e 7 s 1200 mm x 200 mm	X 60 mm	
Number of front wheels (ront / rear)   2 / 2		445 (55 700	-	
Drive wheels (front / rear)         2 / 2           Ibeering mode         2 wheel steer, 4 wheel steer, Crab mode ingine mode           Engine brand         Yannar           Stage IIIA         Stage IIIA           Ingine mode!         4 *NIDYHT-SSMUF           Humber of cylinders / Capacity of cylinders         4 *4557 cm²           C. Engine power rating / Power         602 Ning*1500 rpm           Ast, torque / Fingine rotation         602 Ning*1500 rpm           Engine power rating / Power         602 Ning*1500 rpm           Righter yorldage         12 V           Varwbar pull         10050 daN           Infansmission for         110050 daN           Infansmission bye         4,10050 dan           Humber of gears (forward / reverse)         2 / 2           Value, Itswell speed         35 km/h           Value, Itswell speed         35 km/h           Value of gears (forward / reverse)         4,10 km/s/m and a sizes           Value of gears (forward / reverse)         2 / 2           Value, Itswell speed         35 km/h           Value, Itswell speed         48.10 km/h 37.40 km/h           Very deviation by the purpose of the			5	
Seeing mode				
Engine brand   Yanmar   Stage   III   Astronome   III				
Stage   Institute   Institut		2 wheel steer, 4 wheel ste	2 wheel steer, 4 wheel steer, Crab mode	
Stage IIIA ATT NOTHESSANUE Authors of Cylinders / Capacity of cylinders C. Engine power rating / Power C. Engine power C. Cabin ROPS - FOPS level 2				
Engine model         4TN107HFSSMUF           Jumber of cylinders ( cylinders ( cylinders )         4 - 4567 cm² 4 - 4567	•			
Lumber of cylinders / Capacity of cylinders         4 - 4567 cm²           L. Engine power rating / Power         143 Hp / 105 kW           Adar, torque / Engine rotation         602 Nm@1500 pm           Adar, torque / Engine rotation         Water           Adar, torque / Engine rotation         12 V           Adar, torque / Engine rotation         10050 daN           Internamination         10050 daN           Transmission type         Hydrostatic           Author of gears (forward / reverse)         2 / 2           Adar, tavel speed         35 km/h           Adrick place         Automatic negative parking brake           Adrick place         Oll-Immersed mutti-discs braking on front & real axies           Adrick place         48.10 % / 37.40 %           Adrick place from the place of the pla	•	-	·	
C. Engine power rating / Power   143 Hp / 105 kW   1500 mm   1	•			
Abar 1. torque / Engine rotation         602 Nm@1500 pm           Incigine cooling system         Water           Abar 2. Voltage         12 V           Array boltage         10050 dan           Transmission         Hydrostatic           Lumber of gears (forward / reverse)         2 / 2           Abar, tavel speed         Automatic negative parking brake           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Oil-immersed multi-discs braking on front kreal actes           Abar, tavel speed         Variable displacement pump           Abar, tavel speed         Postable displacement pump           Abdraulic flow - Pressure         131           Abar, capacities         131           Abar, capacities         131           Abar, capacities         151           Abar, capacities         151           Abar, capacities         151           Abar, capaci				
Mater   Mate	• •			
latery voltage 12 V 10050 daN 10050				
Transmission type  Aux. travel speed  Parking brake  Perking brake  Perking brake  Provice brake	Engine cooling system			
Fransmission type  Variable of gears (forward / reverse)  Aux. travel speed  Aux. travel	Battery voltage			
Fransmission type Number of gears (forward / reverse) Aux. travel speed Aux. travelspeed Aux. travel s	Drawbar pull	10050 daN	10050 daN	
Number of gears (forward / reverse)  Max. travel speed  Automatic negative parking brake  Service brake  Stradeability (laden / unladen)  Automatic negative parking brake  Stradeability (laden / unladen)  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Automatic negative pa	Transmission Transmission			
Adax. travel speed Adax. Travel	Transmission type	Hydrostatic	· · · · · · · · · · · · · · · · · · ·	
Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Gradeability (laden / unladen) Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  At 8.10 % / 37.40 %  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & rea axles  Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake  Oil-immersed multi-discs braking on front & real axles  Oil-immersed multi-discs braking on front & such as a such as	lumber of gears (forward / reverse)	2/2	2/2	
Service brake Sradeability (laden / unladen) 48.10 % / 37.40 % 49draulics 49draulic pump type 49draulic flow - Pressure Fank capacities Fingine oil Fine tank 10 in the tan	Max. travel speed	35 km/h	35 km/h	
axles Stradeability (laden / unladen)  48.10 % / 37.40 %  49draulics  49draulic pump type  49draulic flow - Pressure  Fank capacities  Engine oil  Fuel tank  40sise and vibration  Aloise to environment (LwA)  Aloise at driving position (LpA) tested following NF EN 12053 norm  40sise alo certification  Cab certification  A8.10 % / 37.40 %  48.10 % / 37.4	Parking brake	Automatic negative pa	Automatic negative parking brake	
Hydraulic pump type Hydraulic flow - Pressure Fank capacities Engine oil Eucl tank Noise and vibration Noise to environment (LwA) Noise at driving position (LpA) tested following NF EN 12053 norm Wiscellaneous Cab certification  Variable displacement pump 185 I/min - 270 bar 185 I/min	Service brake		Oil-immersed multi-discs braking on front & rear axles	
Aydraulic pump type Aydraulic plomp type Aydraulic flow - Pressure  Engine oil Eucl tank  Noise and vibration Noise to environment (LwA) A/bration on hands/arms Noise at driving position (LpA) tested following NF EN 12053 norm  Miscellaneous Cab certification  Variable displacement pump 185 I/min - 270 bar  185 I/min - 270	Gradeability (laden / unladen)	48.10 % / 37.4	0 %	
And capacities         185 l/min - 270 bar           Engine oil         13 l           Eucl tank         165 l           Noise and vibration         107 dB           Vibration on hands/arms         < 2.50 m/s²           Noise at driving position (LpA) tested following NF EN 12053 norm         75 dB           Wiscellaneous         Cabin ROPS - FOPS level 2	-lydraulics			
Tank capacities  Engine oil  Fuel tank  Noise and vibration  Noise to environment (LwA)  Arbitration on hands/arms  Noise at driving position (LpA) tested following NF EN 12053 norm  Wiscellaneous  Cab certification  Cabin ROPS - FOPS level 2	lydraulic pump type	Variable displacem	ent pump	
Fank capacities Engine oil Engine oil Fuel tank  Noise and vibration Noise to environment (LwA)  //ibration on hands/arms  Noise at driving position (LpA) tested following NF EN 12053 norm  //ibration of the fuel of the fu	Hydraulic flow - Pressure	185 l/min - 270		
Ingine oil 13 I 16 I 165				
Telel tank  Noise and vibration  Noise to environment (LwA)  Noise at driving position (LpA) tested following NF EN 12053 norm  Niscellaneous  Cab certification  165 I  107 dB  107 dB  < 2.50 m/s²  < 3.50 m/s²  75 dB  Cabin ROPS - FOPS level 2		13		
Noise and vibration  Noise to environment (LwA)  //ibration on hands/arms  Noise at driving position (LpA) tested following NF EN 12053 norm  //ibration on hands/arms  Noise at driving position (LpA) tested following NF EN 12053 norm  //ibration //ibrat				
Noise to environment (LWA)  //bration on hands/arms  Noise at driving position (LpA) tested following NF EN 12053 norm  // Stocellaneous  Cab certification  107 dB  < 2.50 m/s²  75 dB  Cabin ROPS - FOPS level 2				
//ibration on hands/arms  < 2.50 m/s²  Noise at driving position (LpA) tested following NF EN 12053 norm  //iscellaneous  Cab certification  Cabin ROPS - FOPS level 2		107 dR	107 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB  Miscellaneous Cab certification Cabin ROPS - FOPS level 2	, ,			
Miscellaneous Cab certification Cabin ROPS - FOPS level 2				
Cab certification Cabin ROPS - FOPS level 2		73 UB		
		Cabin DODE - EODE	Slevel 2	
	Controls	JSM	, ICYCI Z	

## MHT-X 790 ST3A - Dimensional drawing

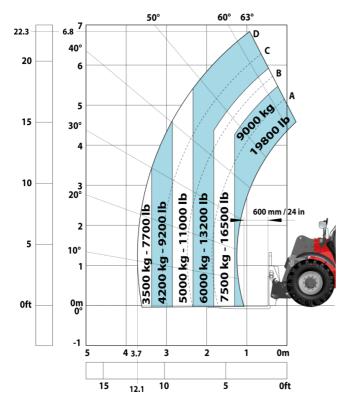




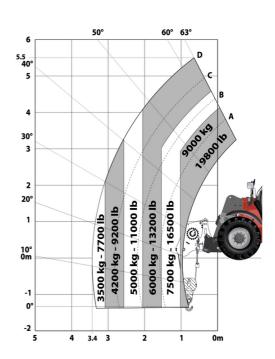


### MHT-X 790 ST3A - Load chart

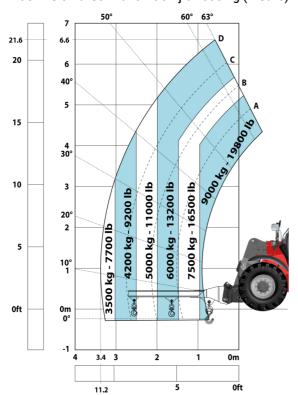
#### Machine on tires with forks LC 600 mm Metric



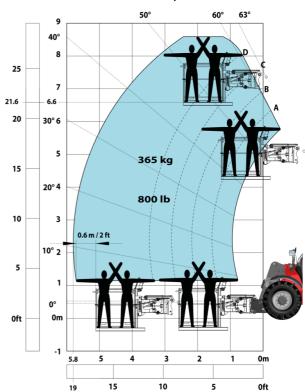
### Machine on tires with winch 9000 kg (Metric)



## Machine on tires with 3-hook jib 9000 kg (Metric)

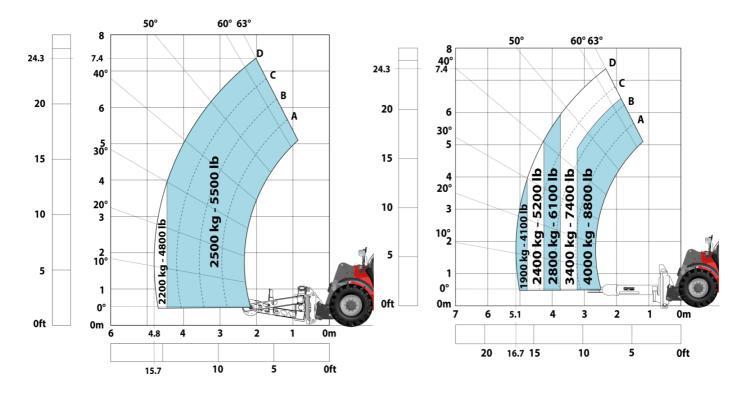


### Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







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