Technical sheet:

MT 1440 HA



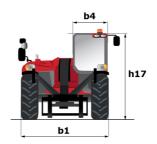


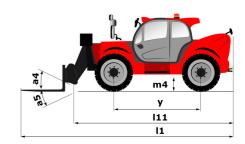
Max. caption		MT 1440 HA Created	мт 1440 на Created on September 20, 2024 at 2:57:17 AM UT	
Max. capito	Capacities		Metric	
13.58 m Max. climbrach 13.58 m Max. clim				
Nation N				
Beaution December				
11 6.02 m			3330 dain	
Length of toes of forks 12 13 13 13 13 13 13 13		11.1	(00	
Decil ariefrich Decil arie				
Name	-			
Witherblass y 3.07 m Oncold clorance m4 6.37 m Opeall call width b4 6.88 m Decil call width b4 6.88 m Tilly down angle 55 114* External hump doub (over types) 35 114* External hump doub (over types) 35 114* Decail weight (with focks) 1120 kg 1120 kg Decail weight (with focks) 1120 kg Penematics It is the permitted of the common				
Stormed clearance	Overall height	h17	2.45 m	
Decal Carlo wideh Decal Decal Carlo wideh Decal	Wheelbase	у	3.07 m	
Till comp analge	Ground clearance	m4	0.37 m	
Till-down anable	Overall cab width	b4	0.89 m	
External tuming radius (over types) Wal 3.94 m 11120 kg 1120 kg 1	Tilt-up angle	a4	12 °	
External tuming radius (over types) Wal 3.94 m 11120 kg 1120 kg 1	Tilt-down angle	a5	114 °	
Unificial residunt (rich forks)				
1200 kg				
Presumation				
Alliance 400/08 - 24 - 18248 Fridak length / width / section 1 / e / s				
Performances				
15.70 s 13.30 s 13.3		I/e/s	1200 mm x 125 mm x 45 mm	
Loneing	Performances			
Extension 19 s Netraction 15 s Crowd 4 s Dump 4 s Engine Perkins Engine brand Perkins Engine model 854E-E34TA Number of cylinders (Capacity of cylinders 4 - 3400 cm² Lo. Engine power rating - Power 4 - 3400 cm² Max. torque / Engine rotation 7520 dals Max. torque / Engine rotation 7520 dals Transmission Spe 94 yellocstatic Max. torvel speed 3 / 3 Max. torvel speed 94 yellocstatic Number of gears (forward / reverse) 3 / 3 Max. torvel speed Automatic parking brake Swice brake Oli-Immersed multi-discs braking on front axles Hydraulics Gear pump Hydraulic low / Pressure 170 / Irini-480 bar Tink capacities 135 l Engine oil 7, 50 l Hydraulic oil 135 l Used and Whatton 103 d Noise at driving position (LpA) 7, 8 B Noise at driving position (LpA) <td>Lifting</td> <td></td> <td>15.70 s</td>	Lifting		15.70 s	
Petraction 15 s 15 c 1	Lowering		13.30 s	
Crowd	Extension		19 s	
Dump A 5 Stright S	Retraction		15 s	
Engine brand Perkins	Crowd		4 s	
Engine brand Perkins				
Engine brand Perkins Engine nom Stage IV / Ter 4 Final Engine model 854F254TA Number of cylinders / Capacity of cylinders 4-3400 cm² LC. Engine power rating - Power 100 Hp / 75 kW Max. Lorque / Engine rotation 430 Nm @ 1400 mp Drawbar pull (Laden) 7520 daN Transmission Hydrostatic Number of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of gears (foward / reverse) 3 / 3 Muster of pears (foward / reverse) 3 / 3 Muster of pears (foward / reverse) 6 (argumpth) Fight on the pears (foward / reverse) 6 (argumpth) Fight on the pears (foward / reverse) 6 (argumpth) Fight on the pears (foward / reverse) 7 (argumpth) Moise and wibmiton 7 (argumpth)				
Engine nome Stage IV / Tier 4 Final Engine model 854F-E34TA Number of cylinders / Capacity of cylinders 4 - 3400 cm² LC. Engine power rating - Power 100 Hp / 75 kW Max. Unary / Engine rotation 430 Nm e 1400 rpm Transmission 7520 daN Transmission Hype Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. travel speed 24.90 km/h Parking backe Automatic parking brake Service brake Oil-Immersed multi-discs braking on front axles Hydraulic on / Pressure 6 Ger prump Hydraulic pump type 6 Ger prump Hydraulic oil 3 7.50 I Fuel tank 140 I Die lank capacities 2 1.50 I Engine oil 2 1.50 I Hydraulic oil 3 7.8 dB Noise and riving position (LpA) 7.8 dB Noise and driving position (LpA) 7.8 dB Woise to environment (LwA) 7.3 dB Wibstation on hands/arms 2 / 2 Wibstation on hands/arms 2 / 2 Wibstation on ha			Perkins	
Engine model 854F-234TA 1 - 3400 cm² 1				
Number of cylinders / Capacity of cylinders 4 - 3400 cm² 1.C. Engine power rating - Power 100 Hp / 75 kW Max. Isrouge / Engine rotation 430 Nm @ 1400 pm Drawbar pull (Laden) 7520 daN Transmission Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. tweel speed 4.400 km/h Parking brake Automatic parking brake Service brake 01-Immersed multi-discs braking on front axles Hydraulic flow / Persure Gear pump Tank capacities 170 / Irmin-480 bar Engine oil 7.50 I Hydraulic oil 1351 Fuel tank 140 I DEF tank capacity 21.60 I Noise and vibration 78 d8 Noise to environment (LwA) 103 dB Miscellaneous 2/2 Siteering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Siteering wheels (front / rear) 2 / 2 Additional indicated with basket basket, except max. 3 / 3				
1.0. Engine power rating - Power 100 Hp / 75 kW 430 Nm @ 1400 pm 100 mbw are pull (Laden) 7520 daN				
Max. torque / Engine rotation 430 Nm @ 1400 rpm Drawbar pull (Laden) 7520 daN Transmission Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. travel speed Automatic parking brake Service brake Oil-Immersed multi-discs braking on front axles Hydraulic pump type Gear pump Hydraulic pump type 170 //min-480 bar Hydraulic oil 7.50 I Fuel tank 140 I DEF tank capacities 140 I Engine oil 140 I Fuel tank 140 I DEF tank capacity 21.50 I Noise and wibation 78 dB Noise at driving position (LpA) 78 dB Noise to environment (LwA) 103 dB Vibration on hands/arms 2 / 2 Extering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 5 Standard EN 15000 / Cabin ROPS - FOPS level 2 Attitional information 5 Standard EN 15000 / Cabin ROPS - FOPS level 2 Attitional information 5 Standard EN 15000 / Cabin ROPS - FOPS level 2				
Drawbar pull (Laden) 7520 daN Transmission Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. travel speed 24.90 km/h Parking brake Automatic parking brake Service brake Oll-Immersed multi-discs braking on front axles Hydraulic pump type Gear pump Hydraulic pown / Pressure 170 l/min-480 bar Engine oil 7.50 l Hydraulic oil 135 l Evel tank 140 l DEF tank capacity 21.60 l Noise and witwing position (LpA) 78 dB Noise to environment (LwA) 103 dB Wisterion on hands/arms < 2.50 m/s² Miscellaneous 102 discovered Steering wheels (front / rear) 2 / 2 Orive wheels (front / rear) Standard En 15000 / Cabin ROPS - FOPS level 2 Autitional deformation Data indicated with basket basket, except max.				
Transmission type Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. travel speed 24.90 km/h Parking brake Automatic parking brake Service brake OII-Immersed multi-discs braking on front axles Hydraulic pump type Gear pump Hydraulic flow / Pressure 170 l/min-480 bar Tank capacities Engine oil Fuel tank 135 l Fuel tank 140 l DEF lank capacity 21.60 l Noise and driving position (LpA) 78 dB Noise at driving position (LpA) 78 dB Noise to environment (LwA) 103 dB Vibration on hands/arms 2 / 2 Steering wheels (front / rear) 2 / 2 Steerin				
Transmission type Hydrostatic Number of gears (forward / reverse) 3 / 3 Max. travel speed 24.90 km/h Parking brake Oil-Immersed multi-discs braking on front axles Berydraulics Oil-Immersed multi-discs braking on front axles Hydraulic pump type Gear pump Hydraulic flow / Pressure 170 //min-480 bar Engine oil 7.50 I Hydraulic oil 135 I Fuel tank 140 I DEF tank capacity 21.60 I Noise and vibration 78 dB Noise at driving position (LpA) 78 dB Noise to environment (LwA) 133 dB Vibration on hands/arms < 2.50 m/s²			7520 daN	
Number of gears (forward / reverse) 3 / 3 Max. travel speed 24,90 km/h Parking brake Automatic parking brake Service brake Oil-Immersed multi-discs braking on front axles Hydraulics Gear pump Hydraulic flow / Pressure 170 l/min-480 bar Trank capacities 170 l Engine oil 7.50 l Hydraulic oil 135 l Fuel tank 21.60 l DEE Fank capacity 21.60 l Noise and vibration 78 dB Noise at driving position (LpA) 78 dB Noise to environment (LwA) 103 dB Vibration on hands/arms < 2.50 m/s²				
Max. travel speed 24.90 km/h Parking brake Cervice brake Oil-Immersed multi-discs braking on front axles Hydraulics Hydraulic glow / Pressure Gear pump Hydraulic flow / Pressure 170 l/min-480 bar Tank capacities Engine oil 7.50 l Hydraulic oil 135 l Fuel tank 140 l DEF tank capacity 21.60 l Noise and vibration (LpA) 78 dB Noise to environment (LwA) 78 dB Noise to environment (LwA) 78 dB Noise to environment (LwA) 78 dB Steering wheels (front / rear) 2/2 Drive wheels (front / rear) 2/2 Safety / Safety cab homologation 5 data indicated with basket basket, except max.	Transmission type			
Parking brake Automatic parking brake Oil-Immersed multi-discs braking on front axles Phydraulics Oil-Immersed multi-discs braking on front axles Phydraulic pump type Gear pump Hydraulic flow / Pressure 170 l/min-480 bar 170 l/m	Number of gears (forward / reverse)		3 / 3	
Service brake Hydraulic S Hydraulic pump type Gear pump Tank capacities Engine oil Hydraulic oil Fuel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Noise to environment (LwA) Steering wheels (front / rear) Steering wheels (front / rear) Steering wheels (front / rear) Standard EN 15000 / Cabin ROPS - FOPS level 2 DA Additional information A delicate information Oil-Immersed multi-discs braking on front axles Gear pump T70 I/min-480 bar T80 I I I I I I I I I I I I I I I I I I I	Max. travel speed		24.90 km/h	
Hydraulics Gear pump Hydraulic pump type Gear pump Hydraulic flow / Pressure 170 I/min-480 bar Engine oil 7.50 I Hydraulic oil 135 I Fuel tank 140 I DEF tank capacity 21.60 I Noise and vibration 78 dB Noise to environment (LwA) 78 dB Vibration on hands/arms 4.2.50 m/s² Miscellaneous 2 / 2 Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Cafety / Safety cab homologation Standard EN 15000 / Cabin ROPS - FOPS level 2 Controls Data indicated with basket basket, except max.	Parking brake		Automatic parking brake	
Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Hydraulic oil Fuel tank DEF tank capacity Noise and wibration Noise at driving position (LpA) Noise to environment (LwA) Wibration on hands/arms Miscellaneous Steering wheels (front / rear) Safety / Safety cab homologation Controls Additional information Oear pump 170 I/min-480 bar 7.50 I 7.50 I 135 I 140 I 21.60 I 7.50 I 7.	Service brake		Oil-Immersed multi-discs braking on front axles	
Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Hydraulic oil Fuel tank DEF tank capacity Noise and wibration Noise at driving position (LpA) Noise to environment (LwA) Wibration on hands/arms Miscellaneous Steering wheels (front / rear) Safety / Safety cab homologation Controls Additional information Oear pump 170 I/min-480 bar 7.50 I 7.50 I 135 I 140 I 21.60 I 7.50 I 7.	Hydraulics			
170	·		Gear nump	
Tank capacities Engine oil Hydraulic oil Fuel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation Controls Additional information T.50 I 7.50 I 135 I FUEL TANK 140 I 103 B 103 dB 2.50 m/s² 2.72 2.72 Standard EN 15000 / Cabin ROPS - FOPS level 2 Controls Data indicated with basket basket, except max.	, , , ,			
Engine oil Hydraulic oil Fuel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Niscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Drive yas fety cab homologation Controls Additional information 7.50 I 135 I 140 I 140 I 140 I 150 I 140 I 150 I 160			170 77 mili 400 bai	
Hydraulic oil 135 Fuel tank 140 DEF tank capacity 21.60 Noise and vibration			7.501	
Truel tank DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation Controls Additional information 140 I 21.60 I 38 B 48 B 49 B 78 dB 103 dB 42 2.50 m/s² 42 2.50 m/s² 52 2 2 53 Eacting the els (front / rear) Controls Data indicated with basket basket, except max.				
DEF tank capacity Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation Controls Additional information Data indicated with basket basket, except max.	•			
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation Controls Additional information Data indicated with basket basket, except max.				
Noise at driving position (LpA) Noise to environment (LwA) Noise at driving position (LpA) Roise to environment (LwA) Noise at driving position (LpA) Roise to environment (LwA) Noise at driving position (LpA) Roise to environment (LwA) Roise to environment (LwA) Stepting to environment (LwA) Noise at driving position (LpA) Roise to environment (LwA) Ro	· · ·		21.60 l	
Noise to environment (LwA) 103 dB 2.50 m/s² 2.72 Steering wheels (front / rear) 2.72 Safety / Safety cab homologation Controls JSM Data indicated with basket basket, except max.	Noise and vibration			
Vibration on hands/arms **C 2.50 m/s²* **Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) **Safety / Safety cab homologation Controls **JSM** Data indicated with basket basket, except max.	Noise at driving position (LpA)		78 dB	
Miscellaneous Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Safety / Safety cab homologation Controls JSM Data indicated with basket basket, except max.	Noise to environment (LwA)		103 dB	
Miscellaneous Steering wheels (front / rear) 2 / 2 Drive wheels (front / rear) 2 / 2 Safety / Safety cab homologation Controls JSM Data indicated with basket basket, except max.	Vibration on hands/arms		< 2.50 m/s ²	
Steering wheels (front / rear) Drive wheels (front / rear) 2 / 2 Safety / Safety cab homologation Controls JSM Data indicated with basket basket, except max.				
Drive wheels (front / rear) Safety / Safety cab homologation Controls JSM Data indicated with basket basket, except max.			2/2	
Safety / Safety cab homologation Standard EN 15000 / Cabin ROPS - FOPS level 2 Controls JSM Data indicated with basket basket, except max.				
Controls Data indicated with basket, except max.	· · · ·			
Data indicated with basket basket, except max.				
Additional information Data indicated with basket basket, except max. capacity lifting height and offset	Continuis			
	Additional information		capacity, lifting height and offset	

Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1440 HA - Dimensional drawing

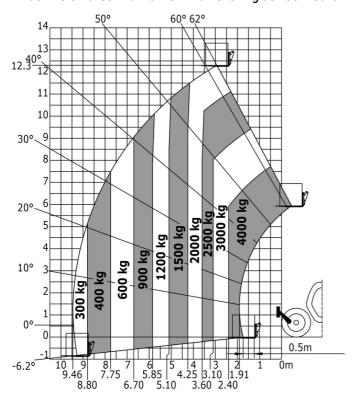




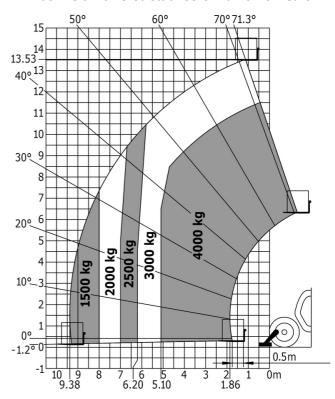


MT 1440 HA - Load chart

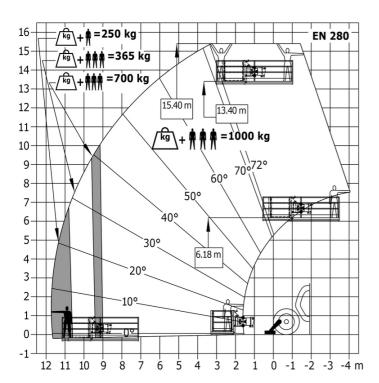
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket 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