Technical sheet:

# MT 1440 HA ST5



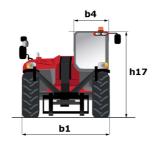


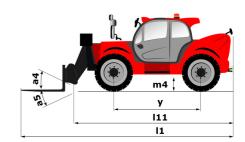
Max. capacity       4000 kg         Max. lifting height       13.53 m         Maximum outreach       9,46 m         Breakout force with bucket       9390 daN         Welght and dimensions       8         Overall length to carriage       111       6.02 m         Length to face of forks       12       6.13 m         Overall width       b1       2.36 m         Overall height       h17       2.45 m         Wheelbase       y       3.07 m         Ground clearance       m4       0.37 m         Overall cab width       b4       0.89 m         Tilk-down angle       a4       12 *         Extenal tuning radius (over tyres)       Wa1       3.94 m         Unladen weight (with forks)       Wa1       3.94 m         Unladen weight (with forks)       Wa1       3.94 m         Unladen weight (with forks)       11620 kg         Overall weight       11200 kg         Lifting       Alliance 400/80 *24 *-162A8         Forks length / width / section       1 / e / s         Everall weight (with forks)       1 / e / s         Lifting       1 / e / s         Lowering       1 / e / s         Extension       1 / e /		MT 1440 HA ST5 Created	on August 1, 2025 at 10:56 PM U
Max. capacity   1.000	Capacities		Metric
13.53 m   13.54 m   13.55 m   13.5	Max. capacity		
Macinimum diseased miseased miseas			
Part			
Management   Man			
			2020 dail
Length of lock of locks   12	<u> </u>	111	6.02 m
Decall Indign   Decall Indig			
Name	-		
Winding			
Course   C	•		
Desail and wider   Desail and			
Tilling pangle			
Till down anapile	Overall cab width	b4	0.89 m
External tuming radius (neer peecs)	Tilt-up angle	a4	12 °
11620 kg   11200 kg	Tilt-down angle	a5	114 °
1200 kg   Infinishie   1200 kg   Infinishie   1200 kg   Infinishie   1200 kg   Infinishie   1200 km x 125 mm x 45 mm x 45 mm x 125 mm x 45 mm x 45 mm x 125 mm x 125 mm x 45 mm x 125 mm x	External turning radius (over tyres)	Wa1	3.94 m
11200 kg   Infanable   Infan	Unladen weight (with forks)		11620 kg
Infeatible   Inf			·
Alliance 400/080 2.4 - 162.AB			
	•		
Performances Lowering 11 s Lowering 11 s Extension 11 s 11		1/0/0	
16 s   17 s	•	17 67 8	1200 11111 x 123 11111 x 43 11111
Lovering			16
Extension         19 s           Retraction         15 s           Crowd         4 s           Dump         4 s           Engine         8           Engine board         Bettz           Engine model         TCD 3.6           Number of cylinders / Capacity of cylinders         4 - 3621 cm²           LC. Engine power flaingh - Power         100 Hg / 75 kW           Max. Tonye / Engine rotation         7520 daN           Transmission         410 km g 1600 rpm           Transmission type         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. Toward speed         2.4 90 km/h           Parking brake         Oll-immersed multi-discs braking on front &re. axles           Sevice brake         Oll-immersed multi-discs braking on front &re. axles           Hydraulic         6           Hydraulic pump type         Gear pump           Hydraulic pump type         13 / 3           Hydraulic pump type         13 / 5           Hydraulic pump type         2.2 0.1           Livel tark         12.5 1           Noise and riving position (Lyd)         79 dB           Noise and riving position (Lyd)         2.2 0.0           Noise and riving positi			
Retraction         15 s           Crowd         4 s           Butump         4 s           Engline         Stage V           Engline hourd         Butz           Engline model         TCD 3.6           Inc. Engline power rating - Power         100 Hg / 25 kW           LC. Engline power rating - Power         100 Hg / 75 kW           Max. tomque / Engine rotation         410 km ⊕ 1000 rpm           Drawdar poil (Laden)         7520 da N           Transmission No         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. trovel speed         4, 3621 cm²           Number of gears (forward / reverse)         3 / 3           Max. trovel speed         4, 40 km/h           Arking brake         Automatic parking brake           Service brake         Oil-immersed mixth discs braking on front & researched           Hydraulic Service         Oil-immersed mixth discs braking on front & researched           Engine oil         10 I           Hydraulic Oil         15 I           Used Exhaust fluid (Addisue® type)         22,50 Immersed mixth discs braking on front & researched           Foreigne College         10 I           Hydraulic Oil         12,5 I           Used Albertan			
A s   Crowd   A s   Cromp			
Dumps	Retraction		
Engine Parand   Deutz	Crowd		4 s
Deutz	Dump		4 s
Engine nome         Stage V           Engine model         TCD 3.6           I.C. Engine power rating - Power         4.3521 cm³           I.C. Engine power rating - Power         100 Mp / 75 kW           Max. Norque / Engine rotation         410 Nm @ 1600 rpm           Tromswher pull (aden)         7520 daN           Tensmission         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. swale speed         9.490 km/h           Parking brake         Automatic parking brake           Service brake         01-immersed multi-dises braking on front & recalled by the parking brake           Service brake         01-immersed multi-dises braking on front & recalled by the parking brake           Hydraulic low / Pressure         6ear pump           Hydraulic low / Pressure         167 /min-270 bar           Tank capacities         101           Engine oil         101           Hydraulic oil         135 I           Disease Exhaust fluid (AdBlue® type)         2.2.60 I           Euel tank         140 I           Noise and diving position (LpA)         79 dB           Noise end diving position (LpA)         79 dB           Noise end wind position (LpA)         79 dB           Noise on wind position (LpA)	Engine		
Engine model         TCD 3.6           Number of cylinders / Capacity of cylinders         4 - 3621 cm³           LC. Engine power rating - Power         100 Hp / 75 kW           Max. torque / Engine rotation         410 Nm @ 1600 rpm           Transmission by	Engine brand		Deutz
Number of cylinders / Capacity of cylinders         4 - 3621 cm²           L.C. Engine power rating - Power         100 Hg / 75 kW           Max. Iorque / Engine rotation         410 Nm @ 1600 pm           Drawbar pull (Laden)         7520 daN           Tensmission         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. tarel speed         24 90 km/h           Parking brake         Oll-Immersed multi-discs braking on front & researches brake           Hydraulics         Oll-Immersed multi-discs braking on front & researches brake           Hydraulic pump type         Gear pump           Hydraulic flow / Pressure         167 l/min-270 bar           Tank capacities         101           Engine oil         101           Hydraulic oil         135 l           Diesel Exhaust fluid (AdBlue® type)         22.60 l           Euel tank         140 l           Noise and vibration         79 dB           Noise to environment (LwA)         106 dB           Vibration on hands/arms         < 2.25 m/s²	Engine norm		Stage V
Number of cylinders / Capacity of cylinders         4 - 3621 cm²           I.C. Engine power rating - Power         100 Hg / 75 kW           Max. korque / Engine rotation         410 Nmg 1600 rpm           Drawbar pull (Laden)         7520 daN           Transmission         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. travel speed         24.90 km/h           Parking brake         Oll-Immersed multi-discs braking on front & reservice brake           Hydraulics         0ll-Immersed multi-discs braking on front & reservice brake           Hydraulic flow / Pressure         6 ear pump           Trank capacities         101           Engine oil         101           Hydraulic oil         135 I           Diesel Exhaust fluid (AdBlue® type)         22.60 I           Euel tank         140 I           Noise and vibration         140 I           Noise and vibration         79 dB           Noise to environment (LwA)         166 dB           Vibration on hands/arms         < 2.25 m/s²	Engine model		TCD 3.6
I.C. Engine power rating - Power       100 Hp / 75 kW         Max. Incure / Engine rotation       410 km @ 1600 pm         Drawkar pull (Laden)       7520 dalv         Transmission Vp       Hydrostatic         Number of gears (forward / reverse)       3,3         Max. travel speed       24,90 km/h         Parking brake       Automatic parking brake         Service brake       Oli-immersed multi-discs braking on front & revaries         Hydraulics       Hydraulic flow / Pressure         Tank capacities       6 Gear pump         Engine oil       10 I         Hydraulic oil       135 I         Diesel Exhaust fluid (AdBlue® type)       22,60 I         Fuel tank       140 I         Noise and vibration       140 I         Noise and vibration       10 fd db         Noise to environment (LwA)       106 dB         Vibration on hands/arms       < 2,50 m/s²			
Max. torque / Engine rotation         410 Nm @ 1600 pm           Drawbar pull (Laden)         7520 daN           Transmission Ype         Hydrostatic           Number of gears (forward / reverse)         3 / 3           Max. travel speed         24.90 km/h           Automatic parking brake         Oll-immersed multi-discs braking on front & revarles           Service brake         0ll-immersed multi-discs braking on front & revarles           Hydraulics         6ear pump           Hydraulic flow / Pressure         167 l/min-270 bar           Engine oil         10 l           Hydraulic oil         135 l           Diseal Exhaust fluid (AdBlue® type)         22.60 l           Fuel tank         140 l           Noise and diving position (LpA)         79 dB           Noise to environment (LwA)         106 dB           Vibration on hands/arms         2.25 m/s²           Miscellaneous         2.12           Cabe entification         Cabi ROPS - FOPS level 2           Controls         JSM           Attitude listermation         Data indicated with basket basket, except max			
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         Oli-immersed multi-discs braking on front & rei axles           Hydraulics         Hydraulic flow / Pressure           Tank capacities         167 l/min-270 bar           Engine oil         110 l           Hydraulic oil         135 l           Diesel Exhaust fluid (AdBlue® type)         22.60 l           Fuel tank         140 l           Noise and vibration         79 dB           Noise at driving position (LpA)         79 dB           Noise to environment (LwA)         166 dB           Vibration on hands/arms         < 2.50 m/s²			
Transmission type Transmission type Automatic pears (forward / reverse) Ay 3 / 3  Axx. travel speed Automatic parking brake Service brake Hydraulics Hydraulics Hydraulic pump type Hydraulic pump type Hydraulic pump type Transmission transmi			
Transmission type         Hydrostatic           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 & revealing on front &			7320 uain
Number of gears (forward / reverse)  Max. travel speed  Az 490 km/h  Automatic parking brake  Service brake  Oil-immersed multi-discs braking on front & rei axles  Hydraulics  Hydraulic pump type  Gear pump  Gear pump  167 l/min-270 bar  167 l/min-270 bar  185 l  Disesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise at driving position (LpA)  Noise at driving position (LpA)  Noise to environment (LwA)  Wibration on hands/arms  Miscellaneous  Steering wheels (front / rear)  Cab centification  Additional information  Data indicated with basket basket, except max  Additional information  Data indicated with basket basket, except max  Data indicated with basket basket, except max  Parking brake  Additional informatic  Data indicated with basket basket, except max  Parking brake  Additional informatic  Data indicated with basket basket, except max  Parking brake  Additional informatic  Parking brake  Additional informatic  Data indicated with basket basket, except max  Parking brake  Oil-immersed multi-discs braking on front & rei axles  Oil-immersed multi-discs braking on front & rei axles  Gear pump  Gear pump  167 l/min-270 bar  10 l  10 l  11 1 l  10 l  11 1 l  10 l  11 1 l  10 l			Understation
Max. travel speed Parking brake Service brake Hydraulics Hydraulics Hydraulics  Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Euel tank Noise at driving position (LpA) Noise to environment (LwA) Wibration on hands/arms Miscellaneous Steening wheels (front / rear) Cab cenffication  Additional information  Additional information  Data indicated with basket basket, except max  Additional information  Data indicated with basket basket, except max  Data indicated with basket baske			· · · · · · · · · · · · · · · · · · ·
Parking brake Service brake Sear pump Sear			
Service brake  Hydraulics Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic plump type  107 I/min-270 bar  10 I Hydraulic plump type  105 I/min-270 bar  10 I Hydraulic plump type  10 I I I I I I I I I I I I I I I I I I I			
hydraulic pump type Hydraulic pump type Hydraulic flow / Pressure 167 l/min-270 bar  Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Cab certification Controls Additional information  Data indicated with basket basket, except ma:  Additional information  Data indicated with basket basket, except ma:  Additional information  Gear pump Gear pump 167 l/min-270 bar 101 l 105 l 105 l 106 l 106 l 107 l 107 l 107 l 108 l 109 l 1	Parking brake		Automatic parking brake
Hydraulics Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Cab certification Controls Additional information Controls Additional information Data indicated with basket, except max Data indicated with basket, except max Data indicated with basket, except max	Service brake	Oil-in	
Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Hydraulic oil Hydraulic oil Esahaust fluid (AdBlue® type) Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Cab certification Controls Additional information  Gear pump 167 I/min-270 bar  168 I/min-270 bar  10 I 135 I 135 I 135 I 135 I 140 I 140 I 140 I 140 I 140 I 140 I 2.60 I 2.60 I 2.72 C 2.50 m/s² Cabin ROPS - FOPS level 2 JSM Additional information			axies
Hydraulic flow / Pressure	·		
Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  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)  Cab certification  Controls  Additional information  10 I  135 I  140 I  181 I  194 I  195 I  196 I  197 I  198			
Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Vibration on hands/arms Steering wheels (front / rear) Drive wheels (front / rear) Cab certification Controls Additional information  10 I 135 I 135 I 140 I	Hydraulic flow / Pressure		167 l/min-270 bar
Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  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)  Cab certification  Controls  Additional information  135 I  135 I  140 I  140 I  140 I  140 I  140 I  140 I  27 d  2 / 2  Cab m/s²  Cabin ROPS - FOPS level 2  JSM  Data indicated with basket, except max	Tank capacities		
Diesel Exhaust fluid (AdBlue® type)  Fuel tank  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)  Cab certification  Controls  Additional information  22.60 I  140 I  140 I  140 I  140 I  180 B  190	Engine oil		10 I
Fuel tank  Noise and wibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Vibration on hands/arms  Steering wheels (front / rear)  Drive wheels (front / rear)  Cab certification  Controls  Additional information  Data indicated with basket basket, except max	Hydraulic oil		135 I
Noise and wibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)  Orive wheels (front / rear)  Cab certification  Controls  Additional information  Type of the state of the stat	Diesel Exhaust fluid (AdBlue® type)		22.60 l
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)  Cab certification  Controls  Additional information  Page 10 Additional information  79 dB  79 dB  79 dB  79 dB  79 dB  106 dB  2 .2.50 m/s²  4.2.50 m/s²  2 .2.2  2 .2.2  Cab m/s²  2 .2.2  Cab certification  Controls  Data indicated with basket basket, except max			140 I
Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)  Drive wheels (front / rear)  Cab certification  Controls  Additional information  Tyde  79 dB  106 dB  2 2.50 m/s²  2 2.50 m/s²  2 / 2  Cab m/s²  Cabin ROPS - FOPS level 2  JSM  Data indicated with basket, except max			
Noise to environment (LwA)  Steering wheels (front / rear)  2 / 2  Cab certification  Controls  Additional information  Data indicated with basket basket, except max			79 dB
\text{vibration on hands/arms} \times \ < 2.50 \text{ m/s}^2 \\ \text{Miscellaneous} \\ \text{Steering wheels (front / rear)} \\ \text{2 / 2} \\ \text{Cab certification} \\ \text{Cab in ROPS - FOPS level 2} \\ \text{Controls} \\ \text{Additional information} \\ \text{Data indicated with basket, except max} \\ \text{Data indicated with basket} \\ Data indicated wi			
Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Cab certification Controls JSM Additional information Data indicated with basket basket, except max			
Steering wheels (front / rear)  Drive wheels (front / rear)  Cab certification  Controls  Additional information  2 / 2  Cabin ROPS - FOPS level 2  JSM  Data indicated with basket, except max			< 2.50 III/S*
Drive wheels (front / rear)  Cab certification  Controls  Additional information  2 / 2  Cabin ROPS - FOPS level 2  JSM  Data indicated with basket, except max			2.42
Cab certification  Cabin ROPS - FOPS level 2  Controls  JSM  Data indicated with basket, except max			
Controls  Data indicated with basket, except max			
Data indicated with basket basket, except max			
	Controls		JSM
	Additional information	Data	
	National Control of the Control of t		

 $\label{eq:decomposition} \textbf{Data indicated with basket basket, except max. capacity, lifting height and offset.}$ 

## MT 1440 HA ST5 - Dimensional drawing

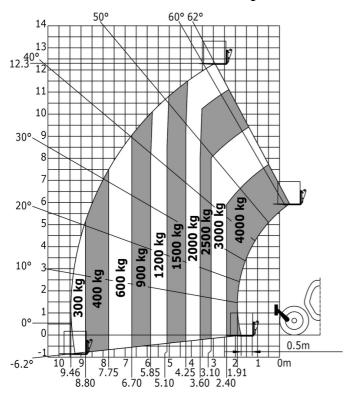




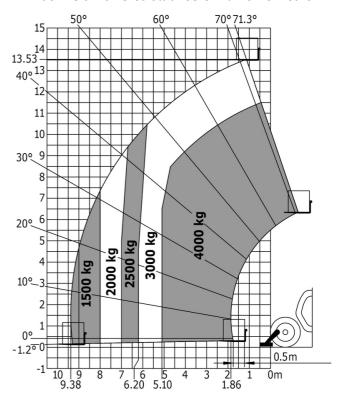


### MT 1440 HA ST5 - Load chart

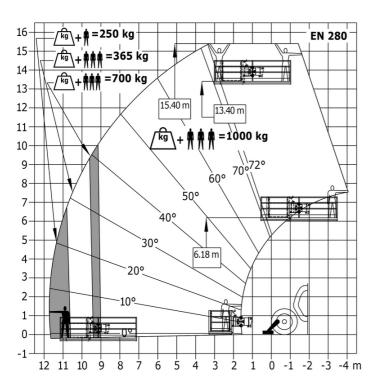
Machine on tires with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric



## Machine on stabilisers with Man basket Metric







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