Technical sheet:

# MT 420 H

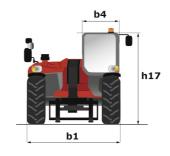




		<b>мт 420 н</b> Created on November 21, 2024 at 4:37 F
1.00   1.00	Capacities	Metric
2.65 m   1886 and No control control motor of	Max. capacity	2000 kg
188 days	Max. lifting height	
	Max. outreach	2.65 m
11   3.6 m   12   3.5 m   3.5 m   12   3.5 m   3.5	Breakout force with bucket	1886 daN
11   3.6 m   12   3.5 m   3.5 m   12   3.5 m   3.5	Weight and dimensions	
12   3.5 m   1.4 m   1.5 m	Overall length to carriage	I11 3.64 m
1	Length to face of forks	
N17	Overall width	
New	Overall height	
result clab and the several cab width b4 0.80 m h1 op parties and the several cab width b4 0.80 m h1 op parties and the several cab width b4 0.80 m h1 op parties and the several cab width b4 0.80 m h1 op parties and the several weight (with forks)	Wheelbase	
		•
	Overall cab width	
Index manipage		
cleand burning adults (over tyres)         Wg 1         2.88 m           daded weight (with forks)         4 1909 kg         4250 kg           res type         1 / e / s         1200 mm x 125 mm x 45 mm           officing         5         3.50 s         1 / e / s         5 s           owering         3.50 s         3.50 s         4.80 s         3.50 s         4.20		
nataen weight (with focks)         4100 kg           read weight (with focks)         4200 kg           res teye         Phenumace           nois elerght / width / section         1 / e / s           fring         55           weeding         3.50 s           ctension         4.80 s           stession         3.3           word         3.30 s           ump         2.70 s           mpipe hand         Stage V           nyinge model         2.607-0RES           umber of clinides / Capacity of cylinders         4.205 cm²           sunder of clinides / Capacity of cylinders         4.205 cm²           sunder of clinides / Capacity of cylinders         7.71 kg / 42 kW           sunder of clinides / Capacity of cylinders         7.75 kg / 42 kW           sunder of clinides / Capacity of cylinders         9.25 cm²           sunder of pears (Crowal / reverse)         9.25 cm²           sunder of clinides / Capacity of cylinders         1.74 km og 1600 cm           sunder of clinides / Capacity of cylinders         2.2 / 2           sunder of clinides / Crowal / reverse)         9.25 cm²           sunder of clinides / Crowal / reverse)         9.25 cm²           sunder of clinides / Crowal / reverse         0.10 cm²		
weell weight         4260 kg           sets type         Pneumalte           efformatices         1/e/s           filing         5.5           sweering         3.50 s           ctention         3.8           swod         3.30 s           trong         3.30 s           trong         3.30 s           trong         2.70 s           ump         2.70 s           ingine         8           trong         2.70 s           ingine         8           ingine model         8.10 ge V           ingine model         2.200 CRE5           umber of cylinders / Capacity of cylinders         3.7 Hg / 42 kW           xx. toxuee/ Expire rotation         17.4 km @ 1600 rpm           xx. toxuee/ Expire rotation         17.4 km @ 1600 rpm           xx. toxuee/ Expire rotation         17.4 km @ 1600 rpm           xx. toxuee/ Expire rotation         17.4 km @ 1600 rpm           xx. toxuee/ Expire rotation ry         2.2 2           xx. toxuee/ Expire rotation ry         2.2 2     <		
Penematic   Pene		
ank length ywidth / section         I / e / s         1200 mm x 125 mm x 45 mm           filting         5 s         3.50 s         4.60 s         2.50 s         3.50 s         4.60 s         4.60 s         2.50 s         3.50 s         4.60 s         4.60 s         3.50 s         4.60 s         4.60 s         3.50 s         4.60 s		
Informations		
fining         5 s           owering         3.50 s           ctension         4.80 s           street         3.30 s           uning         2.70 s           lipine         2.70 s           lipine         8           lipine         8           lipine         Kibota           lipine brand         Stape V           lipine model         2607-CRE5           umber of cylinders / Capacity of cylinders         4 - 2615 cm²           2. Engline power rating - Power         5 FHy / 42 kW           x. toque / Engine rotation         2850 daN           ansamission         2850 daN           ansamission bye         1/4 km (bioto m           ansamission bye         1/4 km (bioto m           ansamission bye         1/2 c           unified pass (forward / reverse)         2 / 2           x. travel speed         2 / 2           unified pass (forward / reverse)         2 / 2           x. travel speed         9           principles         0           principles         0           principles         0           principles         0           principles         0           princ		17 67 5 1200 11111 X 123 11111 X 43 11111
3.50 s   3		5.0
A		
Standard		
rowd         3.30 s           ump         2.70 s           righe         2.70 s           appine brand         Kubota           lighe model         2607-CRES           umber of cylinders / Capacity of cylinders         4 - 2615 cm²           2. Engine power rating - Power         57 Hy / 42 kW           ax. torque / Engine rotation         173 N mg = 1000 pm           ax borque / Engine rotation         2850 daN           ansamission flye         Hydrostatic           umber of gears (forward / reverse)         2 / 2           ax. travel speed         9 2.4 90 km/h           unking brake         Disk brake on the cadran shaft           valualic pump type         Gear pump           valualic flow / Pressure         77.40 l/min-235 bar           valualic pump type         Gear pump           valualic flow / Pressure         77.40 l/min-235 bar           replace oil         70 lmic apacity           uel tank         60 l           oise and wibration         60 l           oise and wibration         76 dB           oise and driving position (LpA)         76 dB           oise and driving position (LpA)         76 dB           oise and wibration         4 2.250 m/s²		
1911   1912   1913   1914   1915		
ngine prand gine prand gine model		
Stape band   Stape		2.70 \$
Ingline nome         Stage V           agine model         2607-CRE5           umber of cylinders / Capacity of cylinders         4-2615 cm²           2. Engine power rating - Power         57 Hp / 42 kW           ax. torugh Engine totation         174 Nm @ 1600 rpm           assemblar pull (Laden)         2850 daN           ansemission bye         Hydrostatic           umber of gears (forward / reverse)         2, 2           ax. travel speed         Automatic Negative Hand-brake           arking brake         Automatic Negative Hand-brake           arking brake         Disk brake on the cadran shaft           arking brake         Gear pump           ydraulic bump type         Gear pump           ydraulic low / Pressure         77.40 l/min-235 bar           arking capacity         10.20 l           ugline oil         10.20 l           ydraulic loil         70 l           ugline oil         10.20 l           ydraulic loil         70 l           ugline oil         10.20 l           ydraulic loil         70 l           ugline oil         10.20 l           ugline oil         10.20 l           ugline oil         10.20 l           ugline oil         70 l		Make a
agine model         2607-CRE5           umber of cylinders / Capacity of cylinders         4 - 2615 cm²           2. Engine power rating - Power         57 Hy / 42 kW           fax. torque / Engine rotation         174 Nm @ 1600 rpm           rawbar pull (Laden)         2850 daN           ansmission we         Hydrostatic           umber of gears (forward / reverse)         2 / 2           ax. travel speed         2 / 2           ax. travel speed         Automatic Negative Hand-brake           envice brake         Disk brake on the cadran shaft           envice brake         Disk brake on the cadran shaft           envice brake         Total (Institute of the Capacitive Hand-brake)           ank capacities         Gear pump           ank capacities         77.40 //min-235 bar           ank capacities         10.20 I           oise and vibration         70 I           oydraulic coll         70 I           oise and vibration         60 I           oise and vibration         60 I           oise and vibration         76 dB           batter on the cadran shaft         2 / 2           riew best (front / rean)         6 C           oise and vibration         76 dB           coise and vibration		
### ### ### ### ### ### ### ### ### ##		
C. Engine power rating - Power         57 Hp / 42 kW           ax. torque / Engine rotation         2850 dAN           ransmission         2850 dAN           ransmission type         Hydrostatic           umber of gears (forward / reverse)         2 / 2           ax. travel speed         24.90 km/h           arisk travel speed         Automatic Negative Hand-brake           price brake         Disk brake on the cadran shaft           vidrallic Swider         Gear pump           oydrallic flow / Pressure         77.40 l/min-235 bar           ank capacities         10.20 l           spine oil         7.01           oydrallic tank         60 l           oise and vibration         60 l           oise and vibration         76 dB           oise at diving position (LpA)         76 dB           oise of vibration on hands/arms         < 2.50 m/s²		
lax. torque / Engine rotation         174 Nm @ 1600 pm           rawbar pull (Laden)         2850 daN           ansmission         Hydrostatic           ansmission type         Phydrostatic           umber of gears (forward / reverse)         2 / 2           ax. tavel speed         Automatic Negative Hand-brake           arking brake         Disk brake on the cadran shaft           errice brake         Disk brake on the cadran shaft           ydraulics         Gear pump           ydraulic pump type         Gear pump           ydraulic plomp type         77.40 lymin-235 bar           ank capacities         10.20 l           upine oil         70.1           ydraulic lank capacity         10.20 l           uel tank         60 l           oise ad driving position (LpA)         76 dB           oise to environment (LwA)         104 dB           bration on hands/arms         < 2.50 m/s²		
rawbar pull (Laden)         2850 daN           cansmission         Hydrostatic           pumber of gears (forward / reverse)         2, 2           fax. travel speed         24,90 km/h           ark. travel speed         Disk brake on the cadran shaft           griduitic strake         Disk brake on the cadran shaft           ydraulic flow / Pressure         77.40 l/min-235 bar           anc. capacities         9           ingine oil         10.20 l           ydraulic tank capacity         70 l           ydraulic tank capacity         60 l           oise and vibration         60 l           oise and vibration         76 dB           oise at driving position (LpA)         76 dB           oise of environment (LwA)         104 dB           bribation on hands/arms         < 2.50 m/s²		
ansmission         Hydrostatic           umber of gears (forward / reverse)         2 / 2           ax. travel speed         24.90 km/h           arking brake         Automatic Negative Hand-brake           bridge brake         Disk brake on the cadran shaft           ydraulic sydraulic pump type         Gear pump           ydraulic flow / Pessure         77.40 l/min-235 bar           ant capacities         10.20 l           ugine oil         10.20 l           ydraulic oil         70 l           ydraulic brak capacity         60 l           use tank         60 l           oise and triving position (LpA)         76 dB           oise at driving position (LpA)         76 dB           oise to environment (LwA)         104 dB           bration on hands/arms         < 2.50 m/s²		
Ansmission type umber of gears (forward / reverse)  ax travel speed ax travel speed ax travel speed ax travel speed Automatic Negative Hand-brake Automatic Negative Hand-brake Disk brake on the cadran shaft  ydraulics  ydraulic pump type  Gear pump 77.40 l/min-235 bar  Ank capacities  angine oil ydraulic tank capacity  uel tank oise and vibration oise and vibration oise and vibration oise at driving position (LpA) oise to environment (LwA) bration on hands/arms  liscellaneous ettering wheels (front / rear) afety / Safety cab homologation  Hydrostatic  2 / 2 Standard EN 15000 / ROPS - FOPS cab (level 1)		2850 daN
umber of gears (forward / reverse)         2 / 2           ax. travel speed         24.90 km/h           arking brake         Automatic Negative Hand-brake           evrice brake         Disk brake on the cadran shaft           ydraulics           ydraulic flow / Pressure         6 Gear pump           ank capacities         77.40 l/min-235 bar           anjine oil         70 l           ydraulic tank capacity         10.20 l           uel tank         60 l           oise and vibration         60 l           oise and vibration         76 dB           oise to environment (LwA)         104 dB           bration on hands/arms         < 2.50 m/s²		
tax. travel speed  ark. travel speed  ark. travel speed  ark. travel speed  Automatic Negative Hand-brake Disk brake on the cadran shaft or operation of the cadran s		
Automatic Negative Hand-brake price brake		
revice brake ydraulics ydraulics ydraulic pump type Gear pump yr ydraulic flow / Pressure 77.40 l/min-235 bar 77.40 l/min-235		
ydraulic pump type ydraulic flow / Pressure ank capacities ngine oil ydraulic tank capacity uel tank oise at driving position (LpA) oise to environment (LwA) bration on hands/arms leceling wheels (front / rear) erie wy heels (front / rear) afety / Safety cab homologation  Gear pump 77.40 l/min-235 bar 77.		
ydraulic pump typeGear pumpydraulic flow / Pressure77.40 l/min-235 barank capacitiesSection of the position of		Disk brake on the cadran shaft
ydraulic flow / Pressure  ank capacities  Ingine oil 10.20 I ydraulic tank capacity  Justin tank capacity  Jus	Hydraulics	
ank capacities         10.20 I           orgine oil         10.20 I           ydraulic tank capacity         10.20 I           uel tank         60 I           oise and vibration         60 I           oise at driving position (LpA)         76 dB           oise to environment (LwA)         104 dB           bration on hands/arms         < 2.50 m/s²           iscellaneous         2 / 2           tievering wheels (front / rear)         2 / 2           rive wheels (front / rear)         Standard EN 15000 / ROPS - FOPS cab (level 1)		
10.20     10,2	Hydraulic flow / Pressure	77.40 l/min-235 bar
ydraulic oil         70 I           ydraulic tank capacity         10.20 I           pel tank         60 I           oise and vibration         9           oise at driving position (LpA)         76 dB           oise to environment (LwA)         104 dB           bration on hands/arms         < 2.50 m/s²	Tank capacities	
ydraulic tank capacity     10.20 I       pel tank     60 I       oise and vibration     50 E       oise at driving position (LpA)     76 dB       oise to environment (LwA)     104 dB       bration on hands/arms     < 2.50 m/s²	Engine oil	
get tank       60 I         oise and vibration       Column of the	Hydraulic oil	
oise and vibration         Column of the	Hydraulic tank capacity	
oise at driving position (LpA)       76 dB         oise to environment (LwA)       104 dB         bration on hands/arms       < 2.50 m/s²	Fuel tank	60 l
oise to environment (LwA)       104 dB         bration on hands/arms       < 2.50 m/s²	Noise and vibration	
tration on hands/arms  iscellaneous  teering wheels (front / rear)  rive wheels (front / rear)  afety / Safety cab homologation	Noise at driving position (LpA)	
deering wheels (front / rear)     2 / 2       rive wheels (front / rear)     2 / 2       afety / Safety cab homologation     Standard EN 15000 / ROPS - FOPS cab (level 1)	Noise to environment (LwA)	104 dB
teering wheels (front / rear)  2 / 2  rive wheels (front / rear)  2 / 2  2 / 2  3 fety / Safety cab homologation  Standard EN 15000 / ROPS - FOPS cab (level 1)	Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
rive wheels (front / rear)  2 / 2  afety / Safety cab homologation  2 / 2  Standard EN 15000 / ROPS - FOPS cab (level 1)	Miscellaneous	
afety / Safety cab homologation Standard EN 15000 / ROPS - FOPS cab (level 1)	Steering wheels (front / rear)	2/2
	Drive wheels (front / rear)	2/2
ontrols JSM	Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS cab (le
	Controls	JSM

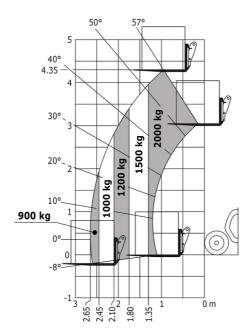
## MT 420 H - Dimensional drawing





### MT 420 H - Load chart

#### Machine on tires with forks Metric







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