

Technical sheet :

MLT-X 841 - 145 PS+



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----|--|
| Max. capacity | Q | 4100 kg |
| Max. lifting height | h3 | 7.60 m |
| Maximum outreach | | 4.45 m |
| Reach at max. height | | 0.90 m |
| Breakout force with bucket | | 5268 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) | | 9160 kg |
| Ground clearance | m4 | 0.43 m |
| Wheelbase | y | 2.88 m |
| Overall length to carriage (with hitch) | l11 | 5.40 m |
| Overall length to carriage (without hitch) | l3 | 5.23 m |
| Front overhang | | 1.50 m |
| Overall width | b1 | 2.39 m |
| Overall cab width | b4 | 0.99 m |
| Overall height | h17 | 2.42 m |
| Tilt-down angle | a5 | 135 ° |
| Tilt-up angle | a4 | 12 ° |
| External turning radius (over tyres) | Wa1 | 3.74 m |
| Standard tires | | Michelin - XMCL - 460/70 R24 159A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 |
| Performances | | |
| Lifting | | 6.40 s |
| Lowering | | 4.60 s |
| Extension | | 6.10 s |
| Retraction | | 5.20 s |
| Crowd | | 3 s |
| Dump | | 2.20 s |
| Engine | | |
| Engine brand | | Yanmar |
| Engine nom | | Stage IIIA |
| Max. fuel sulphur content | | 1000 ppm |
| Engine model | | 4TN107HT-5SMUF |
| Number of cylinders - Capacity of cylinders | | 4 - 4567 cm³ |
| I.C. Engine power rating / Power | | 141 Hp / 105 kW |
| Max. torque / Engine rotation | | 602 Nm @1500 rpm |
| Drawbar pull (Laden) | | 8727 daN |
| Reversible fan | | Standard |
| Engine cooling system | | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| Transmission | | |
| Transmission type | | Torque converter with powershift gearbox |
| Gearbox | | M-Shift |
| Number of gears (forward / reverse) | | 5 / 3 |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h |
| Differential lock | | Limited slip differential on front and rear axles |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow - Pressure | | 200 l/min - 270 bar |
| Flow sharing distributor | | Standard |
| Tank capacities | | |
| Hydraulic tank capacity | | 141 l |
| Fuel tank | | 142 l |
| Noise and vibration | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 69 dB |
| Noise to environment (LwA) | | 105 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| Miscellaneous | | |
| Tractor homologation | | Tractor homologation |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

Optional tires tab

| | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A580 - 460/70 R24 159A8 | - | - |
| ALLIANCE - A585 - 460/70 R24 159A8 | - | - |
| MICHELIN - XMCL - 500/70 R24 164A8 | - | - |
| MICHELIN - BIBLOAD - 500/70 R24 164A8 | - | - |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 | - | - |
| TRELLEBORG - TH400 - 460/70 R24 159A8 | - | - |
| TRELLEBORG - TH400 - 500/70 R24 164A8 | - | - |
| TRELLEBORG - TH500 - 460/70 R24 159A8 | - | - |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 | - | - |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 | - | - |

MLT-X 841 - 145 PS+ - Dimensional drawing



MLT-X 841 - 145 PS+ - Load chart





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



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