

Technical sheet :

MLT-X 840-140 PS+



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric | Imperial |
|---|-----|--|--|
| Max. capacity | Q | 4000 kg | 8818 lb |
| Max. lifting height | h3 | 7.55 m | 24 ft 9 in |
| Max. outreach | | 4.45 m | 14 ft 7 in |
| Reach at max. height | | 0.90 m | 2 ft 11 in |
| Breakout force with bucket | | 5522 daN | 5522 daN |
| Weight and dimensions | | | |
| Unladen weight (with forks) | | 8410 kg | 18541 lb |
| Ground clearance | m4 | 0.43 m | 1 ft 5 in |
| Wheelbase | y | 2.88 m | 9 ft 5 in |
| Overall length to carriage (with hitch) | l11 | 5.37 m | 17 ft 7 in |
| Front overhang | | 1.47 m | 4 ft 10 in |
| Overall width | b1 | 2.39 m | 7 ft 10 in |
| Overall cab width | b4 | 1 m | 3 ft 3 in |
| Overall height | h17 | 2.39 m | 7 ft 10 in |
| Tilt-down angle | a5 | 135 ° | 135 ° |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| External turning radius (over tyres) | Wa1 | 3.74 m | 12 ft 3 in |
| Standard tires | | Trelleborg - TH400 - 460/70 R24 159A8 | Trelleborg - TH400 - 460/70 R24 159A8 |
| Drive wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Performances | | | |
| Lifting | | 6.60 s | 6.60 s |
| Lowering | | 4.80 s | 4.80 s |
| Extension | | 6.30 s | 6.30 s |
| Retraction | | 5.20 s | 5.20 s |
| Crowd | | 3 s | 3 s |
| Dump | | 2.40 s | 2.40 s |
| Engine | | | |
| Engine brand | | John Deere | John Deere |
| Engine norm | | Stage IIIA | Stage IIIA |
| Engine model | | PWL 4045 | PWL 4045 |
| Number of cylinders - Capacity of cylinders | | 4 - 4500 cm³ | 4 - 275 in³ |
| I.C. Engine power rating / Power | | 137 Hp / 102 kW | 137 Hp / 102 kW |
| Max. torque / Engine rotation | | 545 Nm @1500 rpm | 402 ft/lbs @1500 rpm |
| Drawbar pull (Laden) | | 9390 daN | 9390 daN |
| Reversible fan | | Standard | Standard |
| Engine cooling system | | 4 radiators (water + intercooler + hydraulic oil + transmission oil) | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| Transmission | | | |
| Transmission type | | Torque converter | Torque converter |
| Gearbox | | M-Shift | M-Shift |
| Number of gears (forward / reverse) | | 5 / 3 | 5 / 3 |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h | 25 mph |
| Differential lock | | Limited slip differential on front and rear axles | Limited slip differential on front and rear axles |
| Parking brake | | Automatic negative parking brake | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs on front & rear axles | Oil-immersed multi-discs on front & rear axles |
| Hydraulics | | | |
| Hydraulic pump type | | Variable displacement pump | Variable displacement pump |
| Hydraulic flow - Pressure | | 200 l/min - 270 bar | 53 US gpm - 3916 PSI |
| Flow sharing distributor | | Standard | Standard |
| Tank capacities | | | |
| Hydraulic oil | | 156 l | 41 US gal |
| Fuel tank | | 126 l | 33 US gal |
| Noise and vibration | | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 74 dB | 74 dB |
| Noise to environment (LwA) | | 105 dB | 105 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² | < 2.50 m/s² |
| Miscellaneous | | | |
| Tractor homologation | | Tractor homologation | Tractor homologation |
| Safety cab homologation | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Controls | | JSM | JSM |



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