

Technical sheet :

# 140 SC

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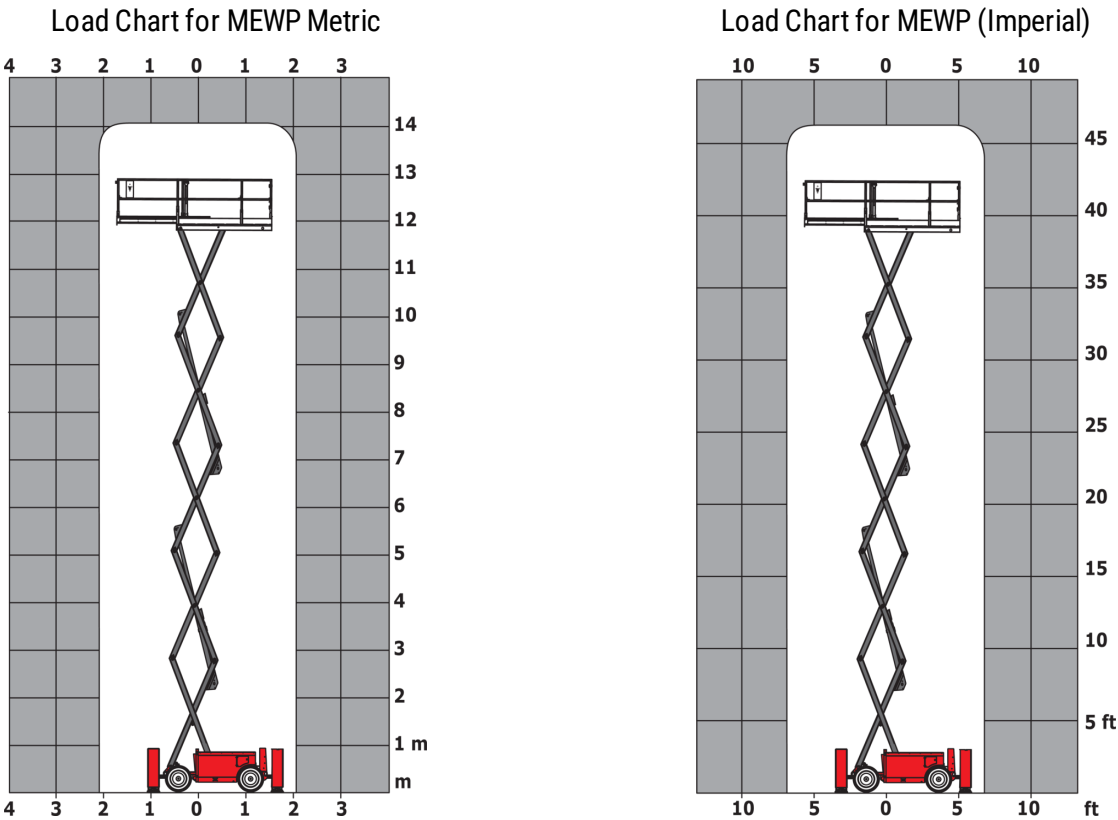


 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                   |         | Metric   | Imperial   |
|--|---------|--|--|
| Working height                               | h21     | 14.20 m  | 46 ft 7 in   |
| Platform height                              | h7      | 12.20 m  | 40 ft  |
| Platform capacity                            | Q       | 363 kg   | 800 lb   |
| Max. capacity on the extension deck          |         | 136 kg   | 300 lb   |
| Number of people (indoor / outdoor)          |         | 3 / 2  | 3 / 2  |
| Weight and dimensions                        |         |  |  |
| Platform weight*                             |         | 5215 kg  | 11497 lb   |
| Platform dimensions (length x width)         | lp / ep | 2.79 m x 1.60 m  | 9 ft 2 in x 5 ft 3 in  |
| Platform dimensions with extension (length)  |         | 4.31 m   | 14 ft 2 in   |
| Overall length                               | l1      | 3.76 m   | 12 ft 4 in   |
| Overall width                                | b1      | 1.75 m   | 5 ft 9 in  |
| Overall height                               | h17     | 2.74 m   | 9 ft   |
| Overall height (stowed) **                   | h18     | 2.08 m   | 6 ft 10 in   |
| External turning radius                      | Wa3     | 4.60 m   | 15 ft 1 in   |
| Ground clearance at centre of wheelbase      | m2      | 0.24 m   | 9 in   |
| Wheelbase                                    | y       | 2.29 m   | 7 ft 6 in  |
| Performances                                 |         |  |  |
| Drive speed - stowed                         |         | 5.60 km/h  | 3 mph  |
| Drive speed - raised                         |         | 0.40 km/h  | 0.25 mph   |
| Raise speed (laden) / Lower speed (laden)    |         | 69 s / 46 s  | 69 s / 46 s  |
| Gradeability                                 |         | 30 %   | 30 %   |
| Max outrigger leveling side to side          |         | 11.70 °  | 11.70 °  |
| Permissible leveling (front / side)          |         | 3 ° / 2 °  | 3 ° / 2 °  |
| Wheels                                       |         |  |  |
| Tires type                                   |         | Foam-filled  | Foam-filled  |
| Drive wheels (front / rear)                  |         | 2 / 2  | 2 / 2  |
| Steering wheels (front / rear)               |         | 2 / 0  | 2 / 0  |
| Braking wheels (front / rear)                |         | 2 / 2  | 2 / 2  |
| Engine/Battery                               |         |  |  |
| Engine brand / model                         |         | Kubota - D1105   | Kubota - D1105   |
| Engine norm                                  |         | Tier 4 final   | Tier 4 final   |
| I.C. Engine power rating / Power             |         | 25 Hp / 18.50 kW   | 25 Hp / 18.50 kW   |
| Miscellaneous                                |         |  |  |
| Ground Pressure                              |         | 6.68 dan/cm2   | 97 PSI   |
| Hydraulic tank capacity                      |         | 68.10 l  | 18 US gal  |
| Fuel tank                                    |         | 37.90 l  | 10 US gal  |
| Sound pressure level (platform work station) |         | 79 dB  | 79 dB  |
| Noise to environment (LwA)                   |         | < 85 dB  | < 85 dB  |
| Vibration on hands/arms                      |         | < 2.50 m/s²  | < 2.50 m/s²  |
| Standards compliance                         |         |  |  |
| This machine is in compliance with:          |         | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage) |

\*\* With folded guardrail

140 SC - Load chart



140 SC - Dimensional drawing



Equipment

| Standard  |
|---|
| 230V Predisposition   |
| 4 wheel drive   |
| Anti-slip platform surface  |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| CAN bus technology  |
| Emergency stop button in platform and on frame                              |
| Engine mounted on sliding platform  |
| Fixed anti-shearing protection  |
| Folding rails with half height swing gate                                   |
| Hom in the platform   |
| Hour meter  |
| Integrated diagnostic assistance  |
| Lowering alarm  |
| Oscillating front axle  |
| Platform access gate  |
| Proportional controls   |
| Removable control unit  |
| Stabilizers with automatic leveling   |
| Travel possible at maximum height   |
| Optional  |
| 2 flashing lights on frame  |
| Biodegradable oil   |
| Lights  |
| Non-marking tyres   |
| Safety harness  |
| Working headlight in platform   |



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