

Technical sheet :

140 SC

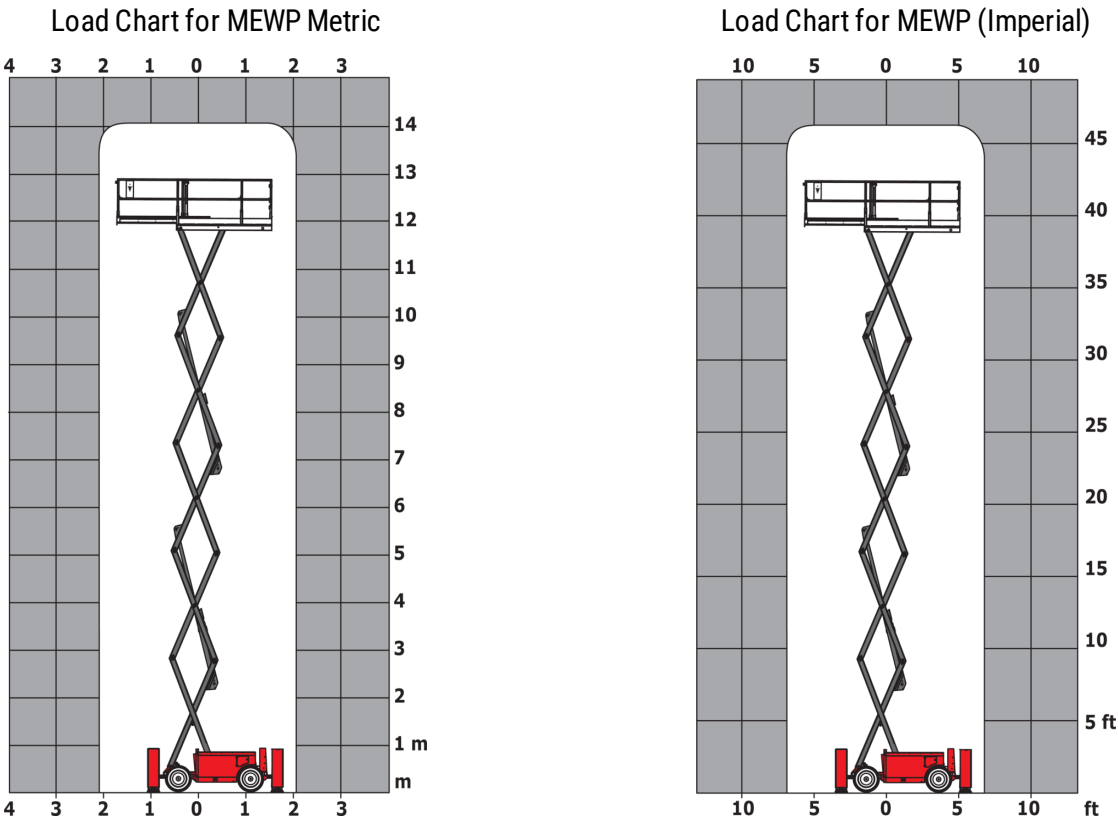


 **MANITOU**
HANDLING YOUR WORLD

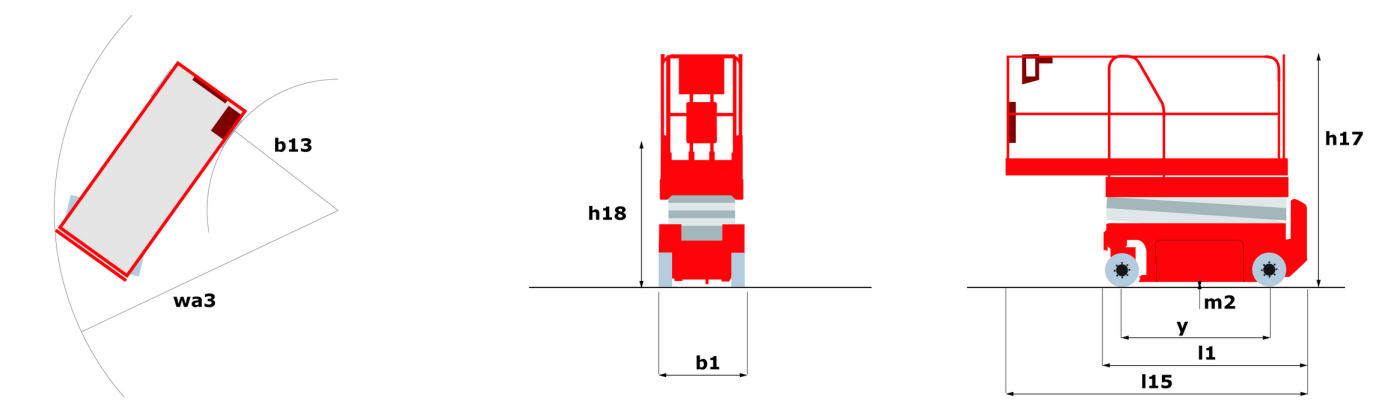
| Capacities | | Metric | Imperial |
|--|---------|--|--|
| Working height | h21 | 14.20 m | 46 ft 7 in |
| Platform height | h7 | 12.20 m | 40 ft |
| Platform capacity | Q | 363 kg | 800 lb |
| Max. capacity on the extension deck | | 136 kg | 300 lb |
| Number of people (indoor / outdoor) | | 3 / 2 | 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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