

Technical sheet :

# 120 SC

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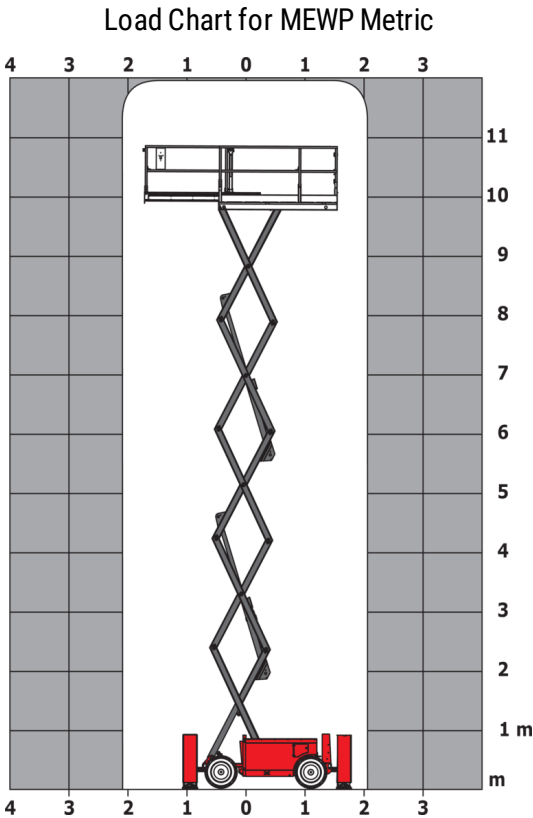


 **MANITOU**  
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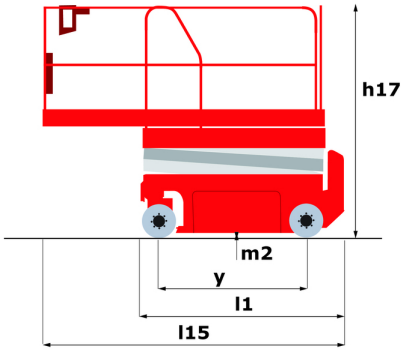
| Capacities   |         | Metric   |
|--|---------|--|
| Working height   | h21     | 11.75 m  |
| Platform height  | h7      | 9.96 m   |
| Platform capacity  | Q       | 454 kg   |
| Max. capacity on the extension deck                              |         | 136 kg   |
| Number of people (indoor / outdoor)                              |         | 4 / 2  |
| Weight and dimensions  |         |  |
| Platform weight*   |         | 3857 kg  |
| Platform dimensions (length x width)                             | lp / ep | 2.79 m x 1.60 m  |
| Platform dimensions with extension (length)                      |         | 4.31 m   |
| Overall length   | l1      | 3.76 m   |
| Overall width  | b1      | 1.75 m   |
| Overall height   | h17     | 2.59 m   |
| Overall height (stowed)  | h18 *** | 1.92 m   |
| Overall length with platform extension                           | l15     | 4.81 m   |
| External turning radius  | Wa3     | 4.60 m   |
| Ground clearance at centre of wheelbase                          | m2      | 0.24 m   |
| Wheelbase  | y       | 2.29 m   |
| Performances   |         |  |
| Drive speed - stowed   |         | 5.60 km/h  |
| Drive speed - raised   |         | 0.40 km/h  |
| Raise speed (laden) / Lower speed (laden)                        |         | 42 s / 28 s  |
| Gradeability   |         | 30 %   |
| Max outrigger leveling front uphill / back uphill                |         | 5.30 ° / 4.20 °  |
| Max outrigger leveling side to side                              |         | 11.70 °  |
| Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-Side) |         | 3 ° / 2 °  |
| Wheels   |         |  |
| Tires type   |         | Foam-filled  |
| Drive wheels (front / rear)                                      |         | 2 / 2  |
| Steering wheels (front / rear)                                   |         | 2 / 0  |
| Braking wheels (front / rear)                                    |         | 2 / 2  |
| Engine/Battery   |         |  |
| Engine brand / model   |         | Kubota - D1105   |
| Engine norm  |         | Tier 4 final   |
| I.C. Engine power rating / Power                                 |         | 25 Hp / 18.50 kW   |
| Miscellaneous  |         |  |
| Ground Pressure  |         | 5.44 dan/cm2   |
| Hydraulic tank capacity  |         | 68.10 l  |
| Fuel tank  |         | 37.90 l  |
| Sound pressure level (platform work station) (LpA)               |         | 79 dB  |
| Vibration on hands/arms  |         | < 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) |

\*\*\* With folded guardrail

120 SC - Load chart



120 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                              |
| Fixed anti-shearing protection  |
| Fold-away guard rails to allow movement through the door                    |
| 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   |
| Initial verification report before putting into service                     |
| Lights  |
| Non-marking wheels (diameter -58 mm)  |
| Safety harness  |
| Working headlight in platform   |



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