Technical sheet:

120 SC



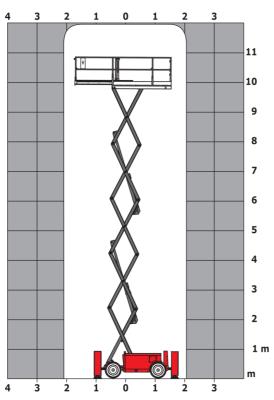


	120 SC Cre	ated on April 26, 2024 at 2:50:18 PM UTC
Capacities		Metric
Working height	h21	11.75 m
Platform height	h7	9.96 m
Platform capacity	Q	454 kg
Max. capacity on the extension deck		136 kg
Number of people (indoor / outdoor)		4 / 2
Weight and dimensions		
Platform weight*		3857 kg
Platform dimensions (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	у	2.29 m
Performances	,	2.25
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 °
Permissible leveling (front / 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		<u>-, -</u>
Engine brand / model		Kubota - D1105
Engine norm		Tier 4 final
I.C. Engine power rating / Power		25 Hp / 18.50 kW
Miscellaneous		20 mg / 10.00 km
Ground Pressure		5.44 dan/cm2
Hydraulic tank capacity		68.10 I
Fuel tank		37.90 I
Sound pressure level (platform work station)		79 dB
Vibration on hands/arms		< 2.50 m/s²
Standards compliance		- 2.00 m/ 0
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

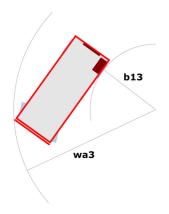
^{**} With folded guardrail

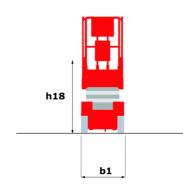
120 SC - Load chart

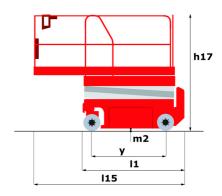
Load Chart for MEWP Metric



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	
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	Standard
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	230V Predisposition
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	4 wheel drive
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	Anti-slip platform surface
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	Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
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	CAN bus technology
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	Emergency stop button in platform and on frame
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	Fixed anti-shearing protection
Hour meter Integrated diagnostic assistance Lowering alarm Oscillating front axle Platform access gate Proportional controls Removable control unit Stabilizers with automatic leveling	Fold-away guard rails to allow movement through the door
Integrated diagnostic assistance Lowering alarm Oscillating front axle Platform access gate Proportional controls Removable control unit Stabilizers with automatic leveling	Hom in the platform
Lowering alarm Oscillating front axle Platform access gate Proportional controls Removable control unit Stabilizers with automatic leveling	Hour meter
Oscillating front axle Platform access gate Proportional controls Removable control unit Stabilizers with automatic leveling	Integrated diagnostic assistance
Platform access gate Proportional controls Removable control unit Stabilizers with automatic leveling	Lowering alarm
Proportional controls Removable control unit Stabilizers with automatic leveling	Oscillating front axle
Removable control unit Stabilizers with automatic leveling	Platform access gate
Stabilizers with automatic leveling	Proportional controls
•	Removable control unit
Travel possible at maximum height	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 hamess	
Working headlight in platform	





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