

Technical sheet :

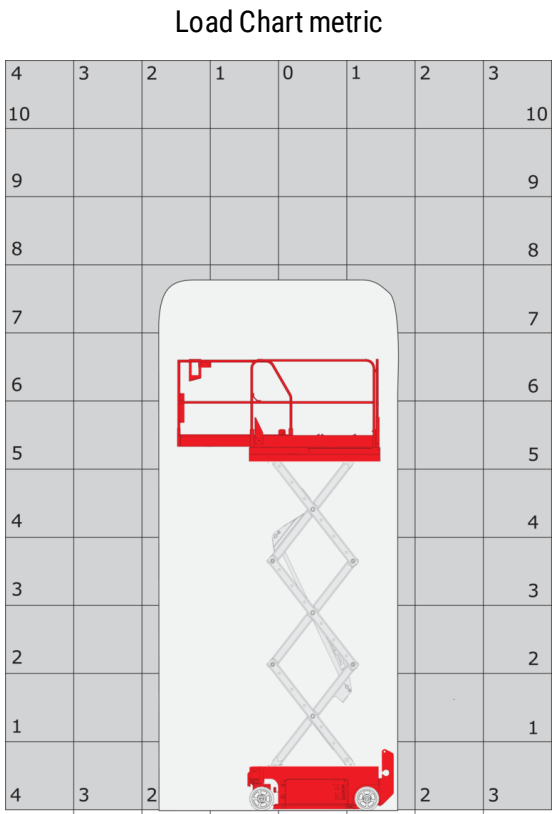
78 SEC S3



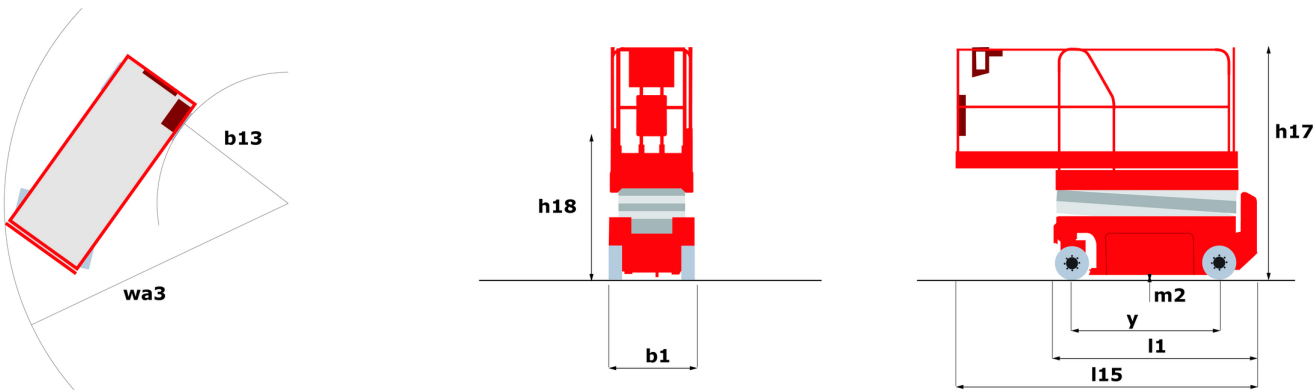
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Working height maximum (indoor)	h21	7.85 m
Working height maximum (outdoor)	h21'	6.47 m
Platform height maximum (indoor)	h7	5.85 m
Platform height maximum (outdoor)	h7'	4.47 m
Platform capacity	Q	227 kg
Max. capacity on the extension deck		113 kg
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		1329 kg
Platform dimensions (length x width)	lp / ep	1.60 m x 0.75 m
Platform dimensions with extension (length)		2.55 m
Overall length	l1	1.83 m
Overall width	b1	0.82 m
Overall height	h17	2.16 m
Overall height (stowed)	h18 ***	1.80 m
Internal turning radius / External turning radius	Wa3	0 mm/1.55 m
Ground clearance with pothole guards deployed	m6	0.02 m
Ground clearance with pothole guards folded	m2	0.08 m
Ground clearance at centre of wheelbase	m2	0.08 m
Wheelbase	y	1.32 m
Performances		
Drive speed - stowed		4 km/h
Drive speed - raised		0.80 km/h
Raise speed (laden) / Lower speed (laden)		26 s / 22 s
Gradeability		25 %
Indoor and outdoor max Tilt Rating (Fore and Aft / Side-to-Side)		3 ° / 1.50 °
Wheels		
Tires type		Non marking
Standard tires		310 x 110 mm
Drive wheels (front / rear)		2 / 0
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery voltage		24 V
Battery nominal voltage / capacity		24 V / 225 Ah
Battery energy		5 kW/h
On-board charger (V / A)		24 V / 27 A
Miscellaneous		
Ground Pressure		12.38 dan/cm2
Hydraulic tank capacity		14.20 l
Noise to environment (LwA)		< 70 dB
Vibration on hands/arms		< 0.50 m/s ²
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)

78 SEC S3 - Load chart



78 SEC S3 - Dimensional drawing



Equipment

Standard

2 flashing LED beacons

2 swing out component trays (hydraulic/electric)

220V predisposition in the platform

Anti-slip platform surface

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Battery charge indicator lamp

CAN bus technology

Descent alarm

Dynamic hydraulic braking on front wheels

Emergency stop

Folding rails with half height swing gate

Horn in the platform

Hour meter

Integrated diagnostic assistance

Load management according to environment (indoor/outdoor)

Manual emergency lowering

Monobloc semi-traction battery

Multi-voltage integrated charger

Non-marking rubber tyres

Pothole protection with automatic operation

Rear wheel multiple disc brakes

Side and rear forklift pockets

Optional

Biodegradable oil

Cold weather protection oil

Safety harness



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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