SC Series Scissor Lift Range

H=Hydrostatic

E=electric drive

C=Compact

N=Narrow

SC Series of scissor aerial work platform provides automatic walking, vertical lift and platform extension function, suitable for indoor and outdoor environment. SC Series are widely used in electrical power, petrochemical, manufacturing, equipment installation, and maintenance.





SC05-06 | SC05-06E | SC08HC/EC | SC08-10HN/EN | SC10-16H/E



Parameter Configuration of SC Series

	SC05	SC06	SC05E	SC06E
Safe Working Load	240kg	240kg	240kg	240kg
S.W.L On Extension	/	/	100kg	100kg
Maximum Workers Number(Indoor)	1	1	2	2
Minimum Workers Number(Outdoor)	/	/	/	/
Maximum Working Height(A)	4.8m	5.8m	4.9m	5.3m
Maximum Platform Floor Height(B)	2.8m	3.8m	2.9m	3.9m
Overall Length (With Ladder)	1.42m	1.42m	1.44m	1.44m
Overall Length (Without Ladder)	1.29m	1.29m	1.29m	1.29m
Overall Width(D)	0.77m	0.77	0.76m	0.70m
Overall Height(Rails up)(E)	1.88m	1.98m	1.94m	2.03m
Overall Height(Rails down)	/	/	1.78m	1.87m
Platform Size(Length/Width F)	1.29x0.77m	1.28x0.77m	129x0.70m	1.29x0.70m
Platform Extension Size(G)	/	/	0.6m	0.6m
Minimum Ground Clearance(Stowed)	0.06m	0.06m	0.06m	0.00m
Minimum Ground Clearance (Raised)	/	/	0.015m	0.015m
Wheel Base	1.13m	1.13m	1.05m	1.05m
Minimum Turning Radius	/	/	1.55m	1.55m
Lifting Motor	24V/0.8kw	24V/0.8kv	24V0.8kw	24V/0.8kw
Drive Motor	/	/	24V0.4kw	24V/0.4k
Travel Speed(Stowed)	/	/	4.0 km/h	4.0 kmh
Travel Speed(Raised)	/	/	0.5 km/h	0.5 kmh
Up/Down Time	27/34Sec	27/3480	22/20sec	25/27sec
Batteries	2x12V/80Ah	2x12V/80Ah	2x12V/85Ah	2x12V/85Ah
Integrated Charger	24V/10A	24V/10A	24V/15A	24V/15A
Maximum Gradeability	/	/	25%	25%
Maximum Working Slope	/	/	1.5/3	1.5/3
Tyre	©150x40mm	©150x40mm	©230x80mm	©230x80mm
Overall Weight	520kg	580kg	880kg	895kg





• **Chassis control panel**

The chassis is equipped with integrated control panel for easy operation



• **Control box**

The chassis is equipped with drawer type control box, which can easily access parts and facilitate maintenance.



• **A: Standard forklift pocket**

Facilitate forklift truck loading and lifting operations.

• **B: Heavy Duty Caster Easy**

push heavy duty casters with parking brake (for SC05/06).



• **Non-Marking Tires**

Durable non-marking tires repel debris.

Performance characteristics

• Operators can drive, steer and lift directly on the platform to achieve continuous operation when there is only one person, no need to have any control from the ground.

• The is equipped with drawer chassis electrical box, which can easily access parts and facilitate maintenance.

• The SCO5/06(E) series is very compact in size and suitable for operation in confinsed spaces such as elevators.

• The platform and chassis are equipped with automatic fault code display to facilitate maintenance.

• Portable operating boxes allow users to operate easily outside the platform, can solve the problems on site when there is a failure

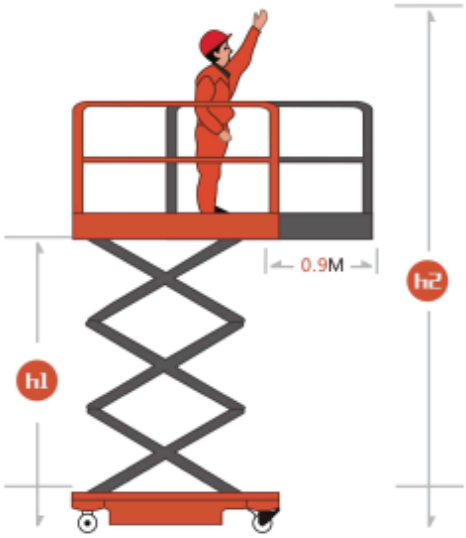


Parameter Configuration of SC Series

	SC08EC/HC	SC10EN/HN	SC10EN/HN	SC10E/H	SC12E/H	SC14E/H	SC16E/H
Safe Working Load	230kg	380kg	230kg	450kg	320kg	320kg	200kg
S.W.L On Extension	113kg	113kg	113kg	113kg	113kg	113kg	113kg
Maximum Workers Number(Indoor)	2	2	2	2	2	3	2
Minimum Workers Number(Outdoor)	1	1	/	1	1	/	/
Maximum Working Height	7.8m	8m	10m	10m	12m	14m	15.7m
Maximum Platform Floor Height	5.8m	6m	8m	8m	10m	12m	13.7m
Overall Length	1.885m	2.48m	2.48m	2.48m	2.48m	2.48m	2.84m
Overall Width	0.76m	0.81m	0.81m	1.15m	1.15m	1.15m	1.25m
Overall Height(Rails up)	2.18m	2.24m	2.36m	2.32m	2.44m	2.58m	2.58m
Overall Height(Rails down)	1.78m	1.81m	1.93m	1.78m	1.92m	2.04m	2.17m
Platform Size(Length Width)	1.67x0.74m	2.27x0.81m	2.27x0.81m	2.27x1.12m	2.27x1.12m	2.27x1.12m	2.64x1.02m
Platform Extension Size	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m
Ground Clearance(Lowered)	0.07m	0.10m	0.10m	0.10m	0.10m	0.10m	0.10m
Ground Clearance(Raised)	0.015m	0.019m	0.019m	0.019m	0.019m	0.019m	0.019m
Wheel Base	1.37m	1.87m	1.87m	1.87m	1.87m	1.87m	2.22m
Minimum Turning Radius(inside/outside)	1.75m	2.2m	2.2m	2.5m	2.5m	2.5m	2.5m
Lifting Motor	E24V/2.0kw H24V/3.0kw	24V/3.3kw	24V/3.3kw	24V/4.5kw	24V/4.5kw	24V/4.5kw	H24V/4.5kw
Drive Motor	E24V/0.5kw H24V/3.0kw	E24V/1.5kw H24V/3.3kw	E24V/1.5kw H24V/3.3kw	E24V/1.5kw H24V/4.5kw	E24V/1.5kw H24V/4.5kw	E24V/1.5kw H24V/4.5kw	E24V/1.5kw H24V/4.5kw
Travel Speed(Stowed)	E:4.5km/h H.3.8km/h	E:4.0km/h H:3.2km/h	E:4.0km/h H:3.2km/h	E:4.0km/h H:3.2km/h	E:4.0km/h H:3.2km/h	E:4.0km/h H:3.2km/h	E:4.0km/h H:3.2km/h
Travel Speed(Raised)	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h
Up/Down Time	E23/32s H.20/32s	32/35s	32/35s	27/36s	48/48s	80/60s	70/52s
Batteries	4x6V/220Ah	4x6V/232Ah	4x6V/232Ah	4x6V/232Ah	4x6V/232Ah	4x6V/280Ah	4x12V/310Ah
Integrated Charger	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah
Gradeability	25%	25%	25%	25%	25%	25%	25%
Maximum Working Slope(indoor)	1.5/3°	2/3°	2/3°	1.5/3°	2/3°	1.5/3°	1.5/3°
Tires	305x100mm	381x127mm	381x127mm	381x127mm	381x127mm	381x127mm	381x127mm
Total Weight	E:1510kg H:1485kg	2160kg	2275kg	2655kg	2900kg	2925kg	3375kg









- **Manual relief valve (hydraulic drive)**

Manual relief valve allows the SC Series to be moved when power is lost.



- **Manual relief valve (hydraulic drive)**

Manual relief valve allows the SC Series to be moved when power is lost.



- **Hour Meter**

Automatically record operating time. User can perform periodic maintenance at the properintervals

SC08-10HN/EN
(N=Narrow)
W: 0.81 M



SC08HC/EC
(C=Compact)

