

SC Series Scissor Lift Range

H=Hydrostatic

E=electric drive

C=Compact

N=Narrow

provides 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

105
Years
OF TRUST AND
RELIABILITY

Eagle®
SINCE 1918



2018.10

Parameter Configuration of SC Series

SC=Scissor Lift, 08=Working Height, E=Electric Drive, H=Hydraulic Drive, C=Compact , N=Narrow

	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	5.9m
▪ 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	0.77m	0.76m	0.76m
▪ 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	1.29x0.77m	1.29x0.70m	1.29x0.70m
▪ Platform Extension Size(G)	/	/	0.6m	0.6m
▪ Minimum Ground Clearance(Stowed)	0.06m	0.06m	0.06m	0.06m
▪ 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/0.8kw	24V/0.8kw
▪ Drive Motor		/	/	24V/0.4kw
▪ Travel Speed(Stowed)	/	/	4.0 km/h	4.0 km/h
▪ Travel Speed(Raised)	/	/	0.5 km/h	0.5 km/h
▪ Up/Down Time	27/34Sec	27/34Sec	22/20sec	25/27sec
▪ Batteries		2x12V/80Ah	2x12V/80Ah	2x12V/85Ah
▪ Integrated Charger		24V/10A	24V/10A	24V/15A
▪ Maximum Gradeability	/	/	25%	25%
▪ Maximum Working Slope	/	/	1.5°/3°	1.5°/3°
▪ Tyre	Φ150x40mm	Φ150x40mm	Φ230x80mm	Φ230x80mm
▪ Overall Weight	520kg	560kg	880kg	895kg



Safe Working Load
200-490kg



S.W.L. On Extension
113kg



Maximum Workers Number (Indoor): 2



Travel Speed (Raised):
3.5-4km/h



Lifting/Driving Motor



Batteries



Integrated Charger



- 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.



- Non-Marking Tires

Durable non-marking tires repel debris.

- B:Heavy Duty Caster

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

Performance characteristics

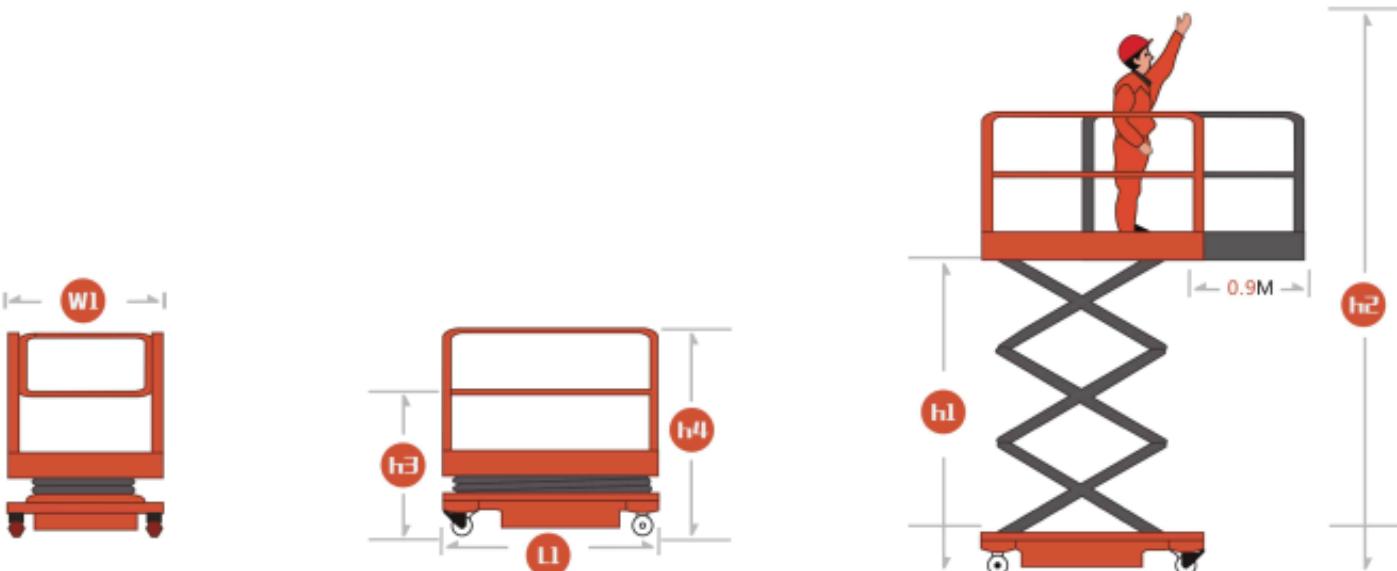
- Operators can drive, steer and lift directly on the platform to achieve continuous operation when there is only one person, no need to have any control from the ground.
- The is equipped with drawer chassis electrical box, which can easily access parts and facilitate maintenance.
- The SC05/06(E) series is very compact in size and suitable for operation in confined 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

SC=Scissor Lift, 08=Working Height, E=Electric Drive, H=Hydraulic Drive, C=Compact, N=Narrow

	SC08EC/HC	SC08EN/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						
■ Maximum Workers Number(Indoor)	2	2	2	2	2	3	2
■ Minimum Workers Number(Outdoor)	1	1	/	1	1	/	/
■ Maximum Working Height	h2	7.8m	8m	10m	10m	12m	14m
■ Maximum Platform Floor Height	h1	5.8m	6m	8m	8m	10m	12m
■ Overall Length	l1	1.885m	2.48m	2.48m	2.48m	2.48m	2.84m
■ Overall Width	w1	0.76m	0.81m	0.81m	1.15m	1.15m	1.25m
■ Overall Height(Rails up)	h4	2.18m	2.24m	2.36m	2.32m	2.44m	2.58m
■ Overall Height(Rails down)	h3	1.78m	1.81m	1.93m	1.78m	1.92m	2.04m
■ 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						
■ 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	24V/2.0kw H:24V/3.0kw	24V/3.3kw	24V/3.3kw	24V/4.5kw	24V/4.5kw	24V/4.5kw	H:24V/4.5kw
■ Drive Motor	E:24V/0.5kw H:24V/3.0kw	E:24V/1.5kw H:24V/3.3kw	E:24V/1.5kw H:24V/3.3kw	E:24V/1.5kw H:24V/4.5kw	E:24V/1.5kw H:24V/4.5kw	E:24V/1.5kw H:24V/4.5kw	E:24V/1.5kw H:24V/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						
■ Up/Down Time	E:23/32s 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						
■ Gradeability	25%	25%	25%	25%	25%	25%	25%
■ Maximum Working Slope(indoor)	1.5°/3°	2°/3°	1.5°/3°	2°/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	2990kg	2925kg	3375kg





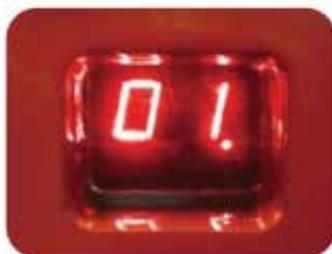
- Manual relief valve
(hydraulic drive)

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

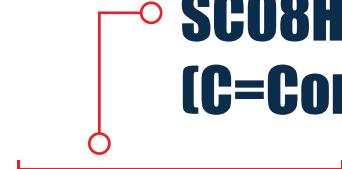


- Hour Meter

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



- Fault code display


SC08HC/EC
(C=Compact)

Easier trouble shooting and maintenance.



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



- Emergency lowering system

When power is lost, this system will safely bring the operator to the ground.



- Safety maintenance support bar

For support during maintenance ensuring personal safety.



- Self-Locking Platform door

Self-Locking platform door ensures worker safety.



- Main power switch

When SC SERIES PLATFORM is in storage condition, pressing this button will cut off the power, avoiding battery discharge.



- Charging protection system

When fully charged, electricity supply will be automatically cut off to protect the battery and charger.



- Warning lamp

Warming lamp works during operation.



- Emergency stop button

Up and down operating system are both equipped with emergency stop button. In case of emergency, all actions will be stopped after pressing the button, ensuring operator safety.



- Pot hole protection system

When the operating vehicle is in lifting condition, pot hold protection board will automatically open.



- Auto brake system

Auto brake system eliminates sliding possibility during slope working.



- Inclined protection

When the operating vehicle exceeds maximum operating angle, this system will automatically alarm and disable ALL actions except.



- Horn and motion buzzing

Horn and motion BUZZER serve as motion alarm.



- Swing out controls

Swing out controls on chassis sides allows for easier maintenance.



- Non-Marking Tires

Durable non-marking tires repel debris.



- Proportional control handle

Control the rate of lifting and travel at any speed.



- Extension platform

Enlarged operating area and the ability to work over obstacles.



- Full height travel Travel and turn are possible at any working height, which brings convenience and improves the working efficiency. When platform height approaches certain value , the traveling speed will automatically slow down to ensure the safe operation.



- Portable control box

Ensure operator easy operation outside the working platform.



- Terse foldable

Terse foldable rails allow the SC Series to go through areas with height limitations.



- Standard transportation forklift holes and crane holes

Fork pockets and Crane pick- points \ allow easy loading and unloading of the SC series when no dock is,available.



- Front wheel driving and steering urn turning radius, suitable ,option in narrow space.

Minimun turning radius, suitable for operating in narrow space

Marketed by:

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