SC Series Scissor Lift Range

H=Hydrostatic E=electric drive C=Compact N=Narrow

Noblelift 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

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Scissor Lifts

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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	24V/0.8kw
Drive Motor	/	/	24V/0.4kw	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	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	Φ150x40mm	Φ150x40mm	Φ230x80mm	Φ230x80mm
Overall Weight	520kg	560kg	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 chassis is equipped with drawer 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 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

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	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 h2	7.8m	8m	10m	10m	12m	14m	15.7m
Maximum Platform Floor Height h1	5.8m	6m	8m	8m	10m	12m	13.7m
Overall Length L1	1.885m	2.48m	2.48m	2.48m	2.48m	2.48m	2.84m
Overall Width W1	0.76m	0.81m	0.81m	1.15m	1.15m	1.15m	1.25m
Overall Height(Rails up) h4	2.18m	2.24m	2.36m	2.32m	2.44m	2.58m	2.58m
Overall Height(Rails down) h3	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	E: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	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	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	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°	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)

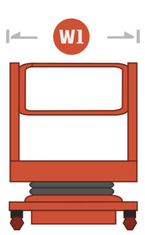
Manual relief valve allows the SC Series to be moved when power is lost.

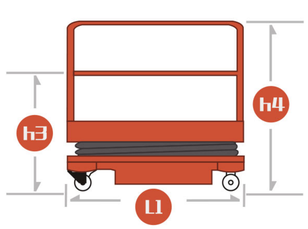
- Hour Meter

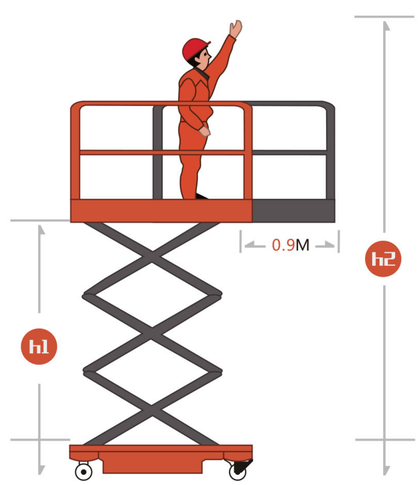
Automatically record operating time. User can perform periodic maintenance at the proper intervals.

- Fault code display

Easier trouble shooting and maintenance.







- 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

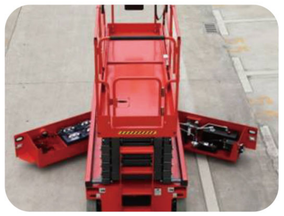
Auto brake system eliminates sliding possibility during slope working.

- 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

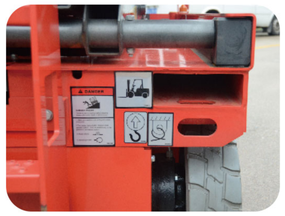
Travel and turn are possible at any working height , which brings convenience and improves the working efficiency. When platform height approaches certain value , the traveling speed will automatically slow down to ensure the safe operation.

- 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-up points allow easy loading and unloading of the SC series when no dock is available.

- Front wheel driving and steering

Minimum turning radius, suitable for operation in narrow space.