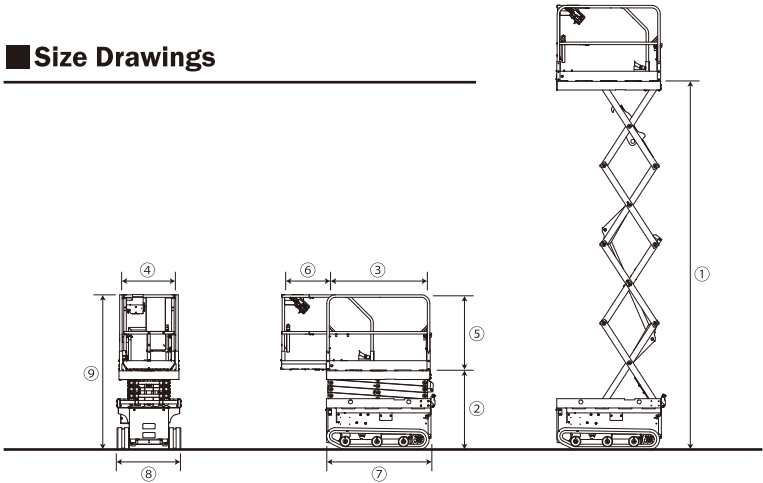


Specifications

Model		ENCL038SE-4		ENCL045SE-4		ENCL061SE-4		ENCL068SE-4		
Name		Scissors lifter crawler-type aerial work platform								
Work platform										
①Max. height above ground		mm	3,800		4,500		6,100		6,800	
②Min. height above ground		mm	960				1,100			
Internal dimensions	③Total Length	mm	1,200				1,900			
	④Total width	mm	645				885			
	⑤Total height	mm	1,030※2/1,130※3							
⑥Expansion platform slide length		mm	550				900			
Number of person	Indoor		2		1		2			
	Outdoor		1				1			
Max. load		kg	200				250			
Max. load when platform is extended		kg	115				125			
Scissors lift										
Model			4-stage X-type pantographs with one end fixed							
Lifting speed (up/down)※1		sec	20/21		24/25		30/25		34/27	
Travel motor										
Drive type			DC motor							
Travel speed※4		km/h	0～2.0							
Gradeability		deg	14				15			
Min. turning radius			Turning on the spot							
Power supply										
Input power supply		V	Single-phase AC100 ∼ 240							
Battery voltage		V	DC24							
Battery capacity (5 hour rate)		Ah	100				200			
Charger			Delta-Q IC650							
Battery			EB100×2				EB100×4			
Vehicle specifications										
⑦Total length		mm	1,335				2,070			
⑧Total width		mm	830				990			
⑨Total height		mm	1,990※2/2,090※3				2,130※2/2,230※3			
Machine weight		kg	940				1,480		1,680	

※1 Value at maximum load. ※2 ISO standard compliant. ※3 ANSI standard compliant. ※4 Maximum load capacity when work platform stowed.

Size Drawings



Safety Devices

- ☐ Incline angle restriction devices (Travel restriction, Lifting restriction)
- ☐ Sudden drop prevention device
- ☐ Travel and lifting warning device
- ☐ Overload restriction device
- ☐ Emergency stop device (Emergency stop button)
- ☐ Emergency lowering device
- ☐ Lever guard

- NEW** ☒ Entrapment prevention device ☐ Option
- NEW** ☒ Fall prevention device ☐ Option

Important information about safety

- Only trained and authorized personnel shall be permitted to operate this machine.
- Follow the instructions in the manual and use the machine safely.
- This machine shall be operated and maintained under local laws and regulations.
- In order to prevent failures and accidents, be sure to perform daily inspections and regular inspections.

- This catalog is current as of December 2022. Be aware that the specifications, appearance, and other details may be changed without notice.
- For reasons related to printing, the paint colors seen here may differ from the actual products.

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OUT HEAD OFFICE AND PLANT ARE CERTIFIED TO BOTH ISO 9001 AND ISO 14001.

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Aerial work platform
ENCL Series

AIRMAN®

Can turn on the spot.
Ideal for narrow spaces.
Crawler Type Full range of safety equipment!

Higher functionality, Greater Convenience, More safety & with More Options!

Scissor Lift
Aerial Work Platform - Crawler Type

ENCL Series

Maximum height: 3.8m / 4.5m / 6.1m / 6.8m

Wheel Type

New Model Lineup
Maximum height:
3.8m / 4.5m / 5.8m

ENTL038SE-4
ENTL045SE-4
ENTL058SE-4



ENCL045SE

ENCL061SE

HOKUETSU INDUSTRIES CO., LTD.

Bringing you additional (+) value through Functionally, Convenience, and Safety

SMART & SAFETY

PLUS

Based on the feedback from our customers this new model incorporates further additions (+) to improve Aerial Work Platforms. Developed to meet even higher expectations for improved Functionality, Convenience, and Safety, this is the AIRMAN proposal to work "SMART & SAFE".



Full Range of Safety Features

Prevent ceiling entrapment accidents

- + Higher functionality
- + More safety

Entrapment Prevention Feature

When the laser sensor detects an obstruction when raising the platform, a buzzer will sound, and the platform is automatically stopped.

- Detect collisions
- The detection sensor covers directly above the work platform.



※ This equipment is an option for manufacturing. ※Image is only an illustration.

Prevent drops and falls

- + Higher functionality
- + More safety

Drop Prevention Feature

If the platform detects an obstruction between the crawler and the ground while moving in that direction, a buzzer will sound, and the unit will automatically stop.

- Detect ground level
- Sensors are installed at all 4 corners of the platform.



※ This equipment is an option for manufacturing. ※Image is only an illustration.

Key Features

Convenient repositioning while operating from the ground

- + Functionally
- + Convenience

Single Lever Control

A single lever controller possible to steer the platform with just one hand. In addition, the control panel can be easily removed to operate from the ground for additional convenience. Ideal for passing through sloping areas or low doorways.



Removeable Single lever controller

Single lever controller: Patent pending



Can be used both indoors and outdoors

- + Functionally
- + Convenience

Two Person Operation and Outdoor Use

Two person operation is now possible

When used indoors, the number of occupants is now two.

Can be used outdoors

It can now withstand a wind load of 12.5 m/s, as specified in the ANSI standard, allowing it to be used outdoors.

Able to drive when platform is raised

Reduces frequent ascents and descents to increase work efficiency.

	ENCL038SE	ENCL045SE	ENCL061SE	ENCL068SE
2 Workers (indoors)	○	—	○	○
Outdoor	○	○	○	○
Run when climbing	—	—	○	○

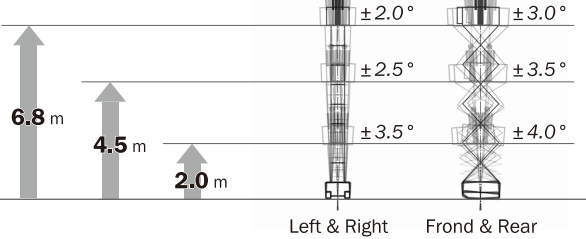
Automatically switch the allowable tilt angle

- + Functionally
- + Convenience

L Control System

The allowable tilt angle is automatically switched according to the platform height, and it results in greatly expanding the range of use on sloping ground.

Allowable Tilt Angle
[In case of ENCL068SE-4]



ENCL038SE / ENCL045SE-4

	L & R	F & R
3.0 m~Top	± 2.0°	± 2.5°
Bottom~3.0 m	± 3.0°	± 3.5°

ENCL061SE / ENCL068SE-4

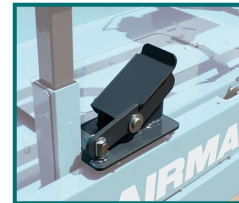
	L & R	F & R
4.5 m~Top	± 2.0°	± 2.5°
2.0~4.5 m	± 2.5°	± 3.5°
Bottom~2.0 m	± 3.5°	± 4.0°

Extend the platform while standing

- + Functionally
- + Convenience

Slide Deck Extension Release Pedal

Sliding decks from conventional models require a hand release that can now be easily performed using the lock release pedal, all without reaching down. The platform can quickly and easily be extended and retracted.



The Slide Deck Extension Release Pedal is capable of unlocking the platform without the user bending.



Forklift pockets in either orientation for easy loading

- + Convenience

Additional Front-to Back Forklift Pockets

Easily move the platform via crane using the lifting eye in the center, the side forklift pockets, or the newly added front-to-back forklift pockets. The additional pockets allow the unit to be lifted using a forklift from any direction.



Newly added front-to-back forklift pockets
(Carrying image)



Front-to-back forklift pockets
(Carrying image)



Single point hoisting via the center lifting eye (Option)
(Loading image)