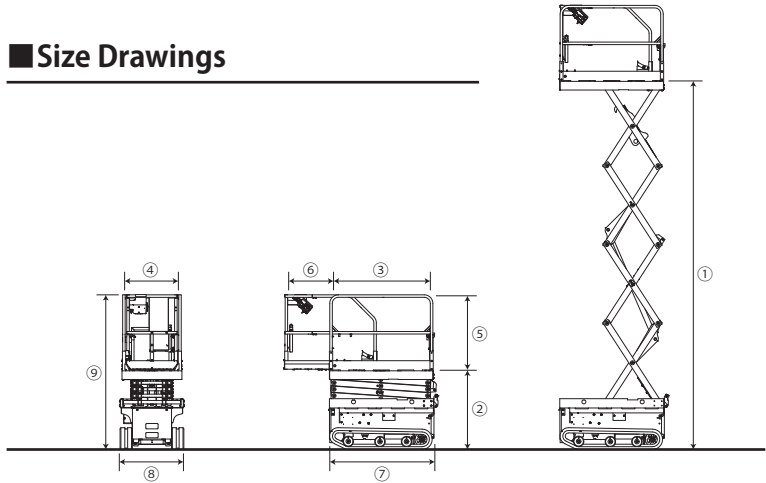


Specifications

|                                     |               |                                                   |                 |                 |             |
|-------------------------------------|---------------|---------------------------------------------------|-----------------|-----------------|-------------|
| 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            | 1,300 (when step is stored)                       |                 | 2,100           |             |
| 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)**

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 January 2023. 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.

**AIRMAN** is a registered trademark of AIRMAN CORPORATION.

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



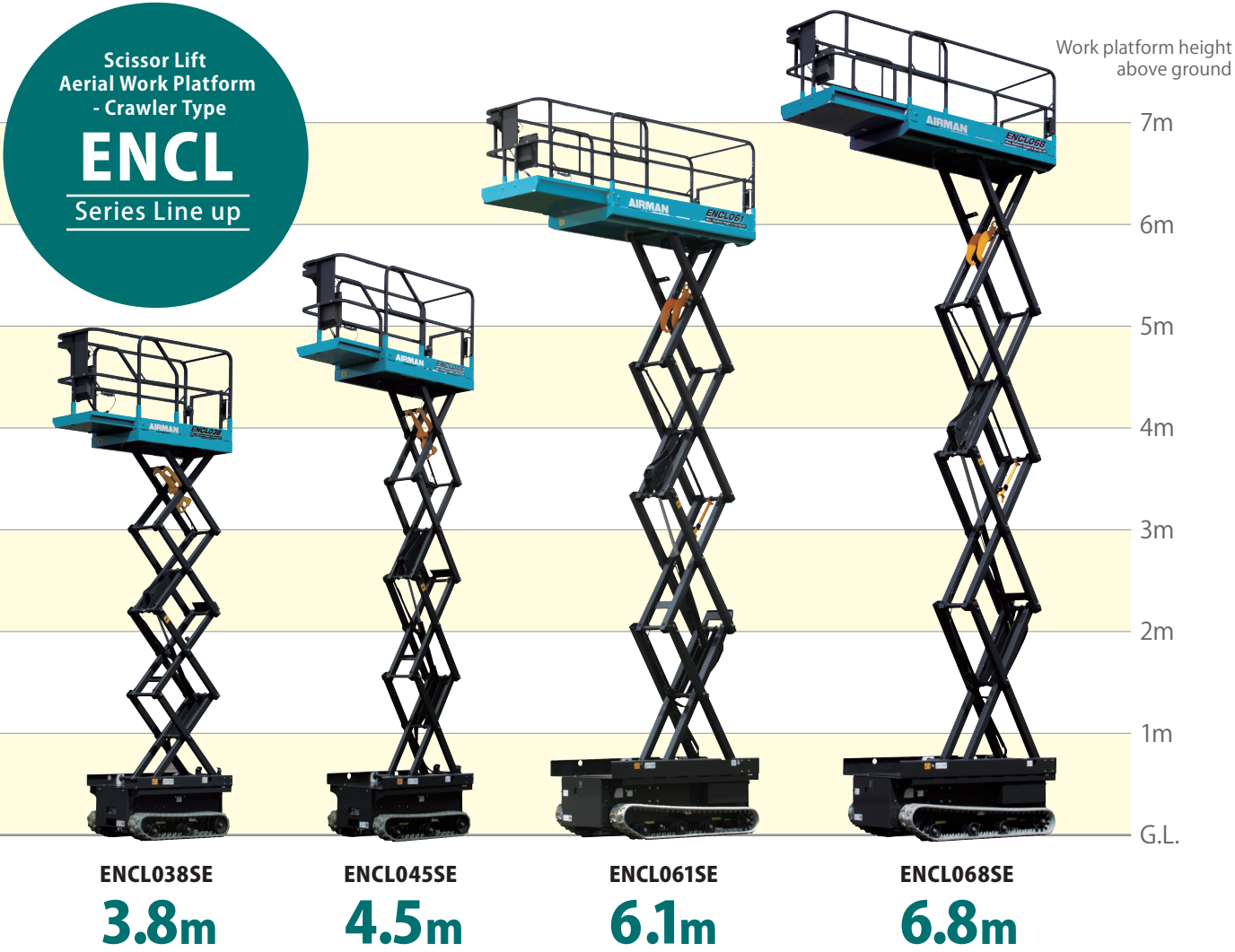
ENCL061SE

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

# SMART & SAFETY

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".

PLUS



## Full Range of Safety Features

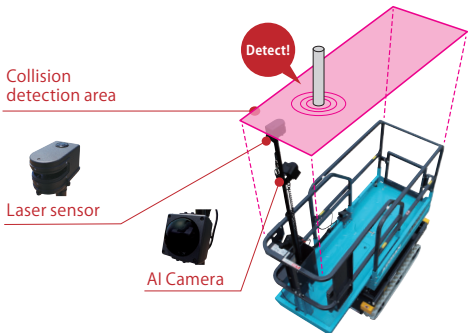
Prevent ceiling entrapment accidents

+Higher functionality +More safety

### Entrapment Prevention

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.

## 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   | —         | —         | ○         | ○         |

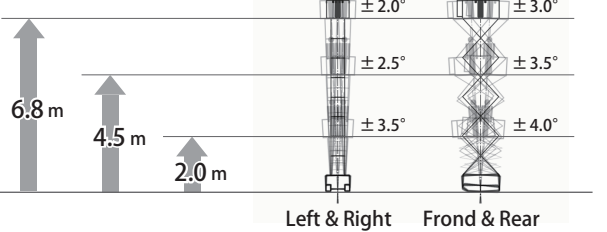
Automatically switch the allowable tilt angle

+ 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

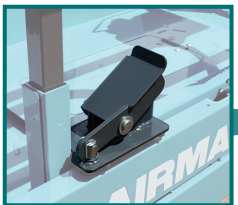
|              | L & R  | F & R  |
|--------------|--------|--------|
| 4.5 m~Top    | ± 2.0° | ± 3.0° |
| 2.0~4.5 m    | ± 2.5° | ± 3.5° |
| Bottom~2.0 m | ± 3.5° | ± 4.0° |

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)  
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