



*Passenger Lifting  
Platform*

*Travel Speed up to 0.15 m.p.s*

*model  
EH 09  
EH 09-C*

 **denier**<sup>®</sup>

# We manufacture to satisfy your needs



EH 09

A passenger lift platform with a travelling speed of up to 0,15m.p.s.; designed to give access to the different levels of buildings such as, single-family homes, commercial premises, public buildings, communities, etc. Not only is it the most economical and practical solution to providing access to the upper floors

## Advantages

- Designed for people with reduced mobility and the elderly.
- Increases property value.
- Suitable for any home or office building environment.
- Offers the best solution to architectural barriers
- Can either be installed in a built shaft or in a self supporting steel structure
- Cab and structure can be designed to suit existing hoistway dimensions
- Can be installed in shafts as narrow as 750mm in width.
- Silent and comfortable motion
- Low electric consumption, no more than a household appliance. Motor works only when travelling upwards
- Can work on single phase, household electricity. No special connection required.
- Automatic on/off cab lighting, saves electricity costs.
- Offers highest safety as it incorporates a safety gear capable of stopping the cab in a downwards emergency.
- Offers improved comfort thanks to a progressive acceleration and damped cab motion.
- Easy assembly and installation, no pump room required.
- Minimum maintenance requirements
- If installed in a self supporting structure, no building work is required

## General characteristics

- Maximum travel height up to 17m. and 7 stops
- Travel speed up to 0.15m.p.s.
- Rated load up to 300Kg.
- Capacity of up to 3 passengers depending on cab floor dimensions

**Model EH09** requires self supporting structure

- Minimum cab size **560 x 600**, (width x depth)
- Maximum cab size **1300 x 1200**, (width x depth)
- Minimum size exterior **720 x 985**, ( width x depth)
- Maximum size exterior **1460 x 1585**, (width x depth)

**Model EH09-C**

- Minimum cab size **600 x 625**, (width x depth)
- Maximum cab size **1000 x 1 Ma200**, (width x depth)  
**1200 x 1000**, (width x depth)
- Minimum shaft depth required **100mm** (building a ramp will avoid digging a pit )
- Minimum headroom required **2200mm**.
- Cab operating panel includes a keyswitch and pushbuttons for floors, emergency stop and alarm
- Mains either single phased or three phased.
- Motor power either 2.2 or 2.9 Kw. according to travel height.
- Automatic releveilling system on every floor for increased safety and comfort.
- Emergency battery power supply prevents getting trapped in the cab and allows for descent in case of power failure.

## Operation

- Operated hydraulically using a thrust cylinder and compact driving gear, which incorporates a submerged motor reducing noise by as much as 6 dB, Power regulation valves for descent and speed control with damped start and stop. It includes a pressure gauge and a locking valve.
- Low voltage controller with non-reprogrammable electronic printed circuit



EH 09-C



board including indication LEDs and information display to detect any possible malfunction.

## **CAB**

For EH09 model a self-supporting structure is required

- Cab with no side panels, allowing three different access sides
- Security frame on three sides
- Ceiling consists of a small canopy containing lighting and other extras. Rest of space left uncovered.

## **EH 09-C**

- Cab consisting of a conventional three-wall steel structure,
- Side walls decorated in skin plate, colours to be chosen from samples.
- Made-to-measure cab allows for single access side, through-car, adjacent accesses or up to three different access arrangements.
- Full height light curtain as access protection.
- Reinforced dropping roof allows for easy maintenance.
- Cab returns and trimming in Stainless Steel

## **EH09 and EH09-C**

- Automatic on/off roof lighting
- Emergency light in case of power failure
- Non slip aluminium or hardwearing PVC floor.
- Horizontal car operating panel includes a keyswitch and Braille engraved floor pushbuttons, emergency stop and alarm.
- Cab returns and trimming in Stainless steel
- Decorative mirror and handrail.
- Phone extension connected to landline for contact with the exterior

## **Security systems**

- Safety gear capable of stopping the cab in an unexpected downward emergency due to slackening or breaking of suspension cables.
- Rupture valve with immediate response in the case of rupture or leakage of hydraulic circuit.
- Active safety devices in the case of cable slackening
- Emergency battery power preventing power cuts.
- Automatic re-leveling device keeps the cab within a maximum height difference of +/- 5cm. on every floor,
- Travel safety timer
- Mechanical stop at end of travel
- Audible alarm and emergency light
- Manual valve closing hydraulic circuit
- Manually operated emergency lowering valve
- Safety stand with active safety micro switch in shaft for safety during shaft maintenance
- Stop button in shaft (option)
- Manually operated pump to raise the cab (option)
- Visual and acoustic overload indicator (option)
- Pressure activated device prevents normal starting of the cab in the event of overload (option)

## **Optional configuration**

- Aluminium or semi-automatic primed steel landing doors with either blind, narrow vision panel or wide vision panel.
- Oil heater
- Thermostat
- Guiderail oiler
- Cab position indicator
- Steel cabinet to house electrics and hydraulic unit.
- Self supporting steel structure with steel or glass side panels



EH 09



EH 09-C

# **Passenger lifting platform**



## Cabins

### Cab operating panel and grabrail



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**EC TYPE EXAMINATION**  
Machine Directive 2006/42/EC  
transcribed in  
R.D. 1644/2008  
of October 10

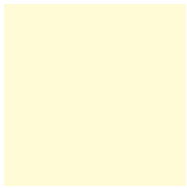
**DIRECTIVES**  
2004/108/CE  
2006/95/CE

**HARMONIZED STANDARDS**  
EN ISO 12100-1  
EN ISO 12100-2  
EN 1050  
EN 294: 1992  
EN 349  
EN 60204-1

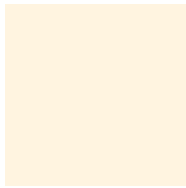


## Wall panels

### Skinplate



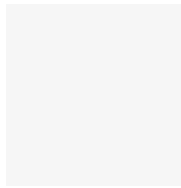
Beige



Lin



Grey



White A09

## Floors



Dots



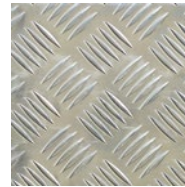
Carbon



Fog



Shadow



Aluminium

- Colours printed in catalogue may not be true to real colours.

-ENIER follows a policy of constant improvement and therefore reserves the right to make changes without prior notice.



Short rise platform



Very short rise platform



Stair platform lift



Chair stair lift



Stair climber



Goods-only hoists and platforms



ISO 9001:2008



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