

# LASTOR MEKANISKE



EH

GOODS ONLY LIFTS

**Hidra**



# HVORFOR VELGE CASTOR



## Kundetilpasset

Vi bygger deres vareheis/løfteplattform og skreddersyr den for ditt bygg i tillegg til at vi holder prosjektet innenfor ditt budsjett.



## Sentralt verksted

Vi har eget mekanisk verksted på Kalbakken i Oslo.



## Priser

Vi leverer produkter av høy kvalitet til konkurranseriktige priser.



## Godkjent for Persontransport

Enkelte av våre vareheiser kan leveres med personbefordring.



## Service

Med rask oppfølging og serviceavtaler sørger vi for at alt går rundt uten at du trenger å bekymre deg.










## Medlemskap og Godkjenninger







Castor er medlem av StartBANK. Castor er godkjent for ansvarsrett.

## EH SAFETY PLUS

For Hidral, safety is one of the basis on which we run our company and based on this principle is why we have developed, also for our goods only lifts, the best safety measures for all parts involved, the end user, the installer and maintenance personnel.

-  1. Double traction system and double safety cable on the suspension.
-  2. Mechanic blocking of the lift-car for the safety during maintenance operations in the pit.
-  3. Hidral doors specific to our platforms with fireproof certification.
-  4. Stop button in pit with a plug point for small electrical devices on maintenance.
-  5. Unauthorized pit access detection that disconnect the platform.
-  6. Pluggable on lift-car push button panel for maintenance operations only.
-  7. Latch key inhibitor on the push button panel of every floor.
-  8. Overload detection device. Standard on platforms for loads higher than 1000 kg and optional for smaller loads.

### On the control panel:

-  1. Blockable main switch with a padlock on the outside of the panel door.
-  2. Lighting circuit switch on the panel door next to the main switch.
-  3. Differential switches for the main circuit and the lighting circuits can be found inside the electrical panel.
-  4. Thermal circuit breaker to protects against over current and short-circuits on the lighting circuit.
-  5. The carrier can be provided with door less lift-car with interior lighting, lateral walls (roof less car) of heights between 2m and 2,5m or 1,1m handrails.
-  6. Shut-off valve and pressure gauge in all hydraulic power units.



All Hidral products and services are guaranteed by the certification from the Spanish Association for Standardisation and Certification (AENOR). This Certification guarantees that the Hidral Quality System is managed, designed and implemented in accordance with the International Standard ISO 9001:2000. Furthermore it offers an extra guarantee for their customers, who are able to fully trust in their commitment and expertise.

# CASTOR HIDRAL EH

PLATFORMS  
**H0 y EH500**





# CASTOR HIDRAL EH

## HO

Platforms with calibrated guides rails welded to a frame. The suspension is by means of chains and is provided with a rupture valve as protection against any failure of the suspension elements. Optimize the shaft space and requires a minimum pit of only 120mm.

## EH500

The Platform EH500 is more robust with a guide-structure made of laminated profiles and metallic rollers, two working cables or chains and two safety cables as protection against any failure of the suspension elements.

This platform is suitable for a larger surface area, weights of up to 750kg and can be supplied with handrails, lateral walls or door-less car with light on the carrier.

Model	HO	EH 500
Load	From 100 to 500 kg	From 200 to 750 kg
Maximum travel (*)	12 m	12 m
Speeds	0,1, 0,2 and 0,3 m/s	0,1 and 0,2 m/s
Minimum/max. surface area	0,49 m <sup>2</sup> / 2 m <sup>2</sup>	0,65 m <sup>2</sup> / 3,15 m <sup>2</sup>
Main options	Low speed re-levelling Handrails	Low speed re-levelling Handrails, lateral walls or car

(\*) Ask if longer travels are needed.



A. Platform HO



B. Lateral protecting walls (lift-car without roof and without doors)

# CASTOR HIDRAL EH

PLATFORMS  
**EH1500**



# CASTOR HIDRAL EH

## ADAPTED TO YOUR NEEDS

Built in a similar way to the EH500, it is a very robust platform with a guide-structure of laminated profiles. The sling has been fitted with a lateral guiding of 4 rollers for a better stability when loads are not centred or when using lateral entrances. This goods only lift is ideal for warehouses and retailers as it is designed for loads of around one and two tonnes, which is usually the normal maximum weight of a food pallet.

Not only does it have a slow speeds re-levelling option but it can also be fitted with an anti-creep system (pawl device) that keeps the lift-car perfectly levelled to the landings whilst loading and unloading.

The platform can also be fitted with 1100 mm handrails, 2000 to 2500 mm lateral walls (roof less car) or a door-less car with interior lighting. In this, and other models used for heavy loads, the lateral walls and the door-less cars have reinforced protections (which can be easily replaced) that have proved highly efficient in protecting against the inevitable bumps and knocks that occur during loading with pallet jacks.

Load	1000, 1500 and 2000 kg
Maximum travel	22 m
Speeds	0,1 and 0,2 m/s
Maximum dimensions.	A 2800 and B 2000 mm (max 5.60 m <sup>2</sup> )
Main options	Slow speed re-levelling
	Anti-creep (pawl device)



A Door less lift-car with interior light.

B. Details of the anti-creep latch.

C scissors gate.



# CASTOR HIDRAL EH

PLATFORMS  
**EH/DC**  
**EH/DCL**





# CASTOR HIDRAL EH

## THE POWER TO BE VERSATILE

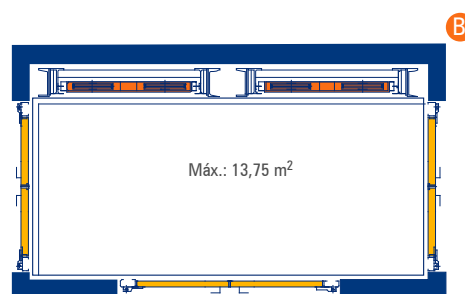
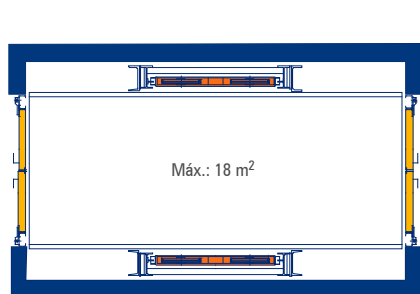
These platforms are for loads of 3 to 5 tonnes and include the same options as the EH1500.

Thanks to its load capacity, this model is best when working with a fork-lift truck, which, added to the weight of the load, is a heavy piece of machinery.

Made up of opposing columns, the EH/DC is used when the floor of the lift is wider than what is advised for lifts with column on just one side.

Made up of adjacent columns on the same side, the EH/DCL is used when a greater load capacity is required than that of an EH-1500. In this way, there is still the possibility of entrances via all three sides and utilised the shaft better than the model with opposing columns.

Model	EH/DC	EH/DCL
Load	1000, 3000 and 5000 kg	2000 and 3000 kg
Maximum travel	17m (12 m for the DC 1000)	17m
Speeds	0,1 and 0,2 m/s	0,1 and 0,2 m/s
Maximum dimensions	A 5000 and B 6000 mm (max 18m <sup>2</sup> )	A 5500 and B 2500 mm (max 13,75 m <sup>2</sup> )
Main options	Slow speed re-levelling	Slow speed re-levelling
	Anti-creep (pawl device)	Anti-creep (pawl device)
	Handrails, or car	Handrails, lateral walls or car



A. EH/DC Plan.

B. EH/DCL Plan.

For graphic reasons, the photographs are showing the platforms without protections or doors.

# CASTOR HIDRAL EH

PLATFORMS  
**EH1500**



# CASTOR HIDRAL EH

## FOR VERY HEAVY LOADS

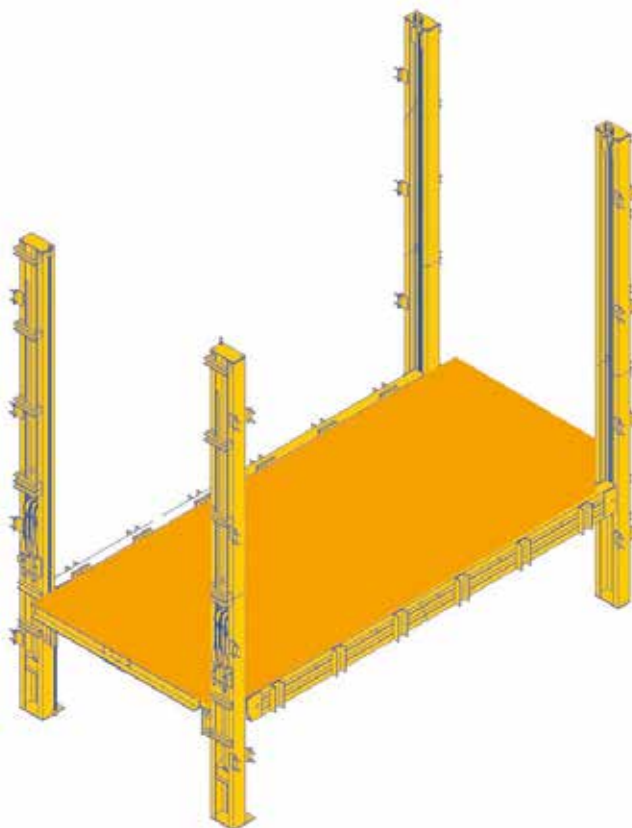
Platforms EH/4C are built for loads from 4 to 10 tonnes and can even be made for loads of up to 40 tonnes.

The four columns on each corner allow entrances on all four sides what makes it highly versatile.

This model is best when a long travel distance with heavy loads is required. It is also equipped with anti-creep (pawl device) and slow speed re-levelling. Optionally can be supplied with a floor prepared for side entrance.

The carrier can also be fitted with 1100 mm handrails, 2000 to 2500 mm lateral walls (roof less car) or a door-less car with interior lighting.

Model	EH/4C
Load	4 to 10 tonnes (for heavier loads request model characteristics)
Maximum travel	12m (Consult for great travel distances)
Speeds	0,1 and 0,2 m/s
Maximum dimensions	A 4800 and B 9000 mm (max 25 m <sup>2</sup> )
Main options	Slow speed re-levelling
	Anti-creep (pawl device)
	Handrails, lateral walls or car
	Floor for side entrances





## SPECIAL LIFTS



Lifts with inverted sling are to be used when guides must not protrude from the floor at the last stop and the upper floor itself must be flat and free of any obstacles whilst the lift is not in operation (stages, heliports, etc). For each of these application, specific safety measures must be taken and a qualified person must operate the platform.



Lifts that are resistant to work on temperatures as low as -30°C in frozen storage warehouses or unheated buildings in areas of extreme weather.



Lifts with explosion proof electrical installations for use in hazardous areas.



Lifts with watertight electrical wiring and metal parts that have been treated to offer a better resistance to outdoor use.

## MADE-TO-MATCH DOORS

### CHARACTERISTICS

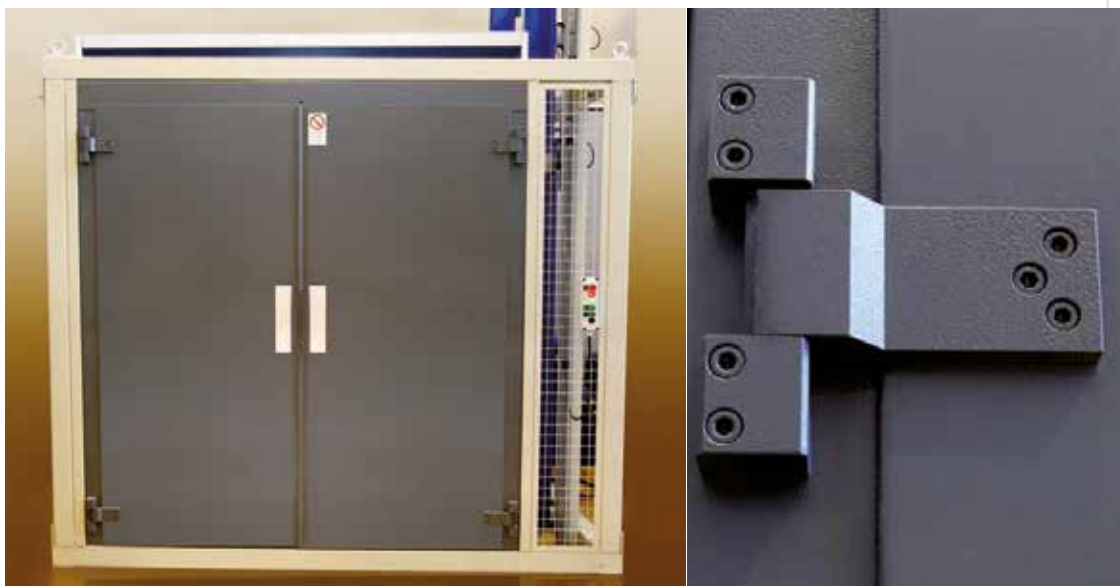
Clear Opening (PL) 2 leaves: Min. 1100 - Max. 3000. One leaf: Min. 600 - Max. 1250  
Clear height (HL) Max. 2950  
Reinforced steel plate – 1,5 mm.  
Adjustable hinges with 180° opening  
Baked Epoxy-Polyester paint finish  
Retainer breaks on each door  
The door frame is delivered dismounted for easier transport  
Optional stainless steel doors.

### LOCKS

The provided safety locks have been designed for a permanent electrical connection.  
Doors are kept unlatched while the car is at floor level or with open doors

Doors are made by Hidral for sole use in our goods only lifts.

Fire certified according with EN 81-58.  
Adjustable and highly resistant hinges that allows an easy substitution of the leaves.



# NOTATER

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# NOTATER

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## Om Castor

Castor Mekaniske leverer vareheiser, løftebord, scenebord og HC-heiser. Vi har eget verksted og kontorer i Stanseveien 14 i Oslo.

Bedriften leverer både standard og kundetilpassede produkter, vi tar hånd om hele verdikjeden fra salg til montasje og service.



Atle Leidalen  
Salg/prosjektleder

atle@castor.no

MOBIL  
900 44 527

## Våre Tjenester

Vi har fokus på funksjon, utseende og høy driftssikkerhet. Med eget verksted, kort leveringstid, rimelige produkter, og gode serviceavtaler er vi en trygg leverandør av din neste heis.

**KONTAKT OSS**  
**69 23 24 00**



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