

HEAVY-DUTY COMPACT FRONTLIFT *CHARGER*

Compact & manoeuvrable,
even with bulky loads

- Standard up to 35 tons –
higher loads on request
- Fully electric drive



DIMOS 

CHARGER - POWERFUL YET COMPACT

When space is tight, the DIMOS heavy-duty compact frontlift CHARGER is the ideal alternative to conventional heavy-duty frontlifts, which are not suitable due to their significantly larger dimensions.

The heavy-duty compact frontlift CHARGER combines compact design with high flexibility and load capacity as well as innovative features.

Trucks in the CHARGER series offer maximum space savings thanks to their excellent manoeuvrability and single-wheel steering. Robust masts transport heavy loads safely with a clear all-round view from the driver's cab. The electric drive guarantees energy-efficient, low-maintenance and quiet operation.



The heavy-duty compact frontlift **CHARGER** at a glance!

The compact powerhouse saves space when transporting heavy loads such as coils, paper rolls, converters or tools safely and flexibly in a confined space – whether indoors or outdoors.

The benefits

- Space savings of up to 50% thanks to the compact design
- Modular design: ideal for maintenance and repair work
- Up to 35 t load capacity
- Fully electric drive: minimal service costs and perfect energy management
- Use indoors and outdoors
- High-visibility masts in three variants
- Comfortable panoramic cab for safe load handling



Properties	CHARGER
Load capacity (t)	35 (in the standard range)
Lift height (mm)	User-specific
Tyres (optional)	PU / EL
Drive	Fully electric or electro-hydrostatic
Battery voltage (V)	80 and 96
Cab	Ergonomic driver's cab for indoor and outdoor use
Steering	Conventional steering axle or single wheel steering



Minimum turning circle, maximum space savings thanks to single wheel steering.

The single wheel steering ensures a small turning circle and maximum space savings. The trucks provide the manoeuvrability of a three-wheel forklift and the stability of a four-wheel forklift.

The CHARGER can ACCESS even the narrowest areas of production and storage.

Agile, compact and quickly manoeuvrable lift trucks are vital for handling long and heavy goods in narrow warehouses. These trucks save space and costs. As well as benefitting from a compact design, the CHARGER also comes with optional patented single wheel steering to help save space. This significantly reduces the turning circle.

The result is an **additional space saving of 50 percent** compared to the standard steering system. The pivot point of the truck is ideally located in the centre of the drive axle.



The lift mast – individual and flexible.

Above all, the lift mast must meet two important requirements. It must be able to transport heavy loads stably and safely. Under no circumstances must it restrict the driver's view. The lift masts from DIMOS – which are developed, designed and produced in-house – fulfil both of these criteria.

This allows DIMOS to respond even more flexibly to the needs and requirements of customers. The lift masts can therefore be perfectly adapted to the customer and its applications.

For optimal flexibility, DIMOS offers different versions of lift mast. The masts range from a 2-stage Simplex mast (standard version) with maximum view of the load to a 2-stage mast with full free lift (Duplex) or a 3-stage mast with full free lift (Triplex) for low mast heights.

All models can be tilted from -5 degrees to $+5$ degrees as standard.



Depending on the requirements, the load is picked up using fork arms or the appropriate attachment.







Driver's cab – safe and comfortable!

The panoramic driver's cab meets all the requirements to enhance the comfort of the driver and, at the same time, to ensure safe transport of goods within a location.

The large window areas offer an unrestricted view, and the cab itself is spacious. The hydraulic functions are easy to operate using the ergonomically arranged multifunction joystick. The driver has a constant overview of all important information and functions using the latest intuitive multifunction display. Non-slip steps allow easy and safer entry. There is also an option to control the CHARGER via a conventional steering column or via integrated controls in the seat.

The drivers often use the CHARGER to transport heavy and especially bulky loads. To increase safety for everyone involved, acoustic and visual signals are used to alert personnel in the vicinity of the truck and increase the required safety distance.



-  Large window areas
-  Spacious and ergonomic
-  Spring-loaded, fully adjustable seat
-  Multifunction display and multifunction joystick

DID YOU KNOW:

Service tasks are a breeze thanks to the manually folding driver's cab and the clever arrangement of components. In this way, DIMOS increases the ease of maintenance and reduces downtimes to a minimum.



Superior electric operation – both indoors and out



In the standard range, the drive is fully electric. Compared to an electro-hydraulic drive concept, the efficiency of the truck is increased by 30%.

In addition to energy consumption, service costs are also reduced because there are no maintenance-intensive components.

The CHARGER is suitable for both indoor and outdoor use. This makes it particularly flexible. The EL tyres, which are mostly used for outdoor use, adapt well to any uneven ground conditions. These tyres are often used as standard. Extremely high load capacities and compact dimensions can be achieved with PU tyres.



We're here to help.
Just get in touch!



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