

The heavy...

**HUBTEX.**

- Load capacities up to 350 t
- Platform trucks
- Rail-mounted trucks
- Electric tractor heads
- Heavy-duty multi-directional sideloaders
- Driverless
- Tool changers
- Heavy-duty compact frontlifts
- Heavy-duty compact frontlifts, foundry model
- Special-purpose vehicles for heavy-duty applications



Heavy-duty  
transport vehicles

# Customized solutions based on experience

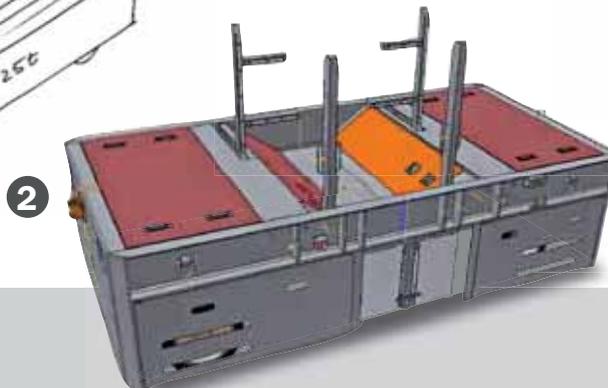
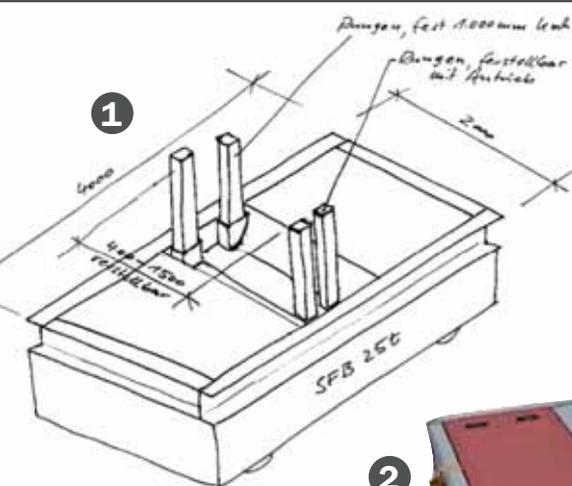
As a specialist provider of customised handling solutions, HUBTEX has wide-ranging experience in diverse market sectors. Challenges associated with the transport of heavy loads provide us with the opportunity to showcase our innovative products and solutions.

As the demand for heavier, larger and less manageable loads increases, HUBTEX employ highly skilled engineers and cutting edge technology to ensure our products provide solutions that are innovative, highly reliable and above all cost-effective.

## Putting ideas into action

As soon as a potential idea has been decided, HUBTEX develops a concept for you which is coordinated and honed in several steps. Throughout this process, you benefit from our experience based on 30 years of manufacturing special vehicles.

- » Indoor and outdoor application combined or exclusively for outdoor application
- » Battery-powered, maintenance-free AC drive technology
- » Load capacities up to 100 t
- » Robust design





- » Operation use  
cabin, driver's station, cable or radio remote control
- » Single-axle, all-wheel and multi-directional steering  
for ideal manoeuvrability
- » Universal use
- » Solid rubber, pneumatic or vulkollan tyres  
for driving over asphalt, paving stones or industrial floors

## Platform trucks

The Platform Truck (SFB) is a manoeuvrable, self-propelled vehicle for the in-plant transport of a variety of heavy loads such as: metal sheets, steel girders, coils, machine parts, cast iron and tools. Due to its modular design, this self-propelled vehicle can be customized to suit various customer-specific requirements.



# Rail-mounted trucks

The rail-mounted trucks (GW) made by HUBTEX are tailor-made to suit individual customer wishes and requirements. Well-proven standard components are used in the driving mechanisms and the control systems. The rail-mounted truck is exclusively designed for in-plant transport.



» Individual frame design  
depending on the transport task

» Battery or mains operation  
» Maintenance-free AC drive technology

» Load and/or towing vehicle

» Load capacities up to 350 t

» Indoor and outdoor application

» Durable crane running wheels

» Cable or radio remote control

» Robust design

» Load-specific load bearing



## »» Operation variants

### » Radio and cable remote control

The radio remote control is equipped with joysticks for precise control, emergency-stop, horn buttons and other options. Alternatively, a cable remote control is also available. This can be connected to the vehicle using several sockets.

### » Cabin/driver's station

Besides the pedestrian-controlled variants, solutions are also available with a driver's seat and a driver's station.

Type	SFB	GW
Load capacity (t)	up to 100.0	up to 350.0
Drive (V)	24 / 80 / 230 / 400 (electric AC)	
Tyres	EL / PU / pneumatic / rail wheels	
Operation	Cabin / remote control / driver's station	



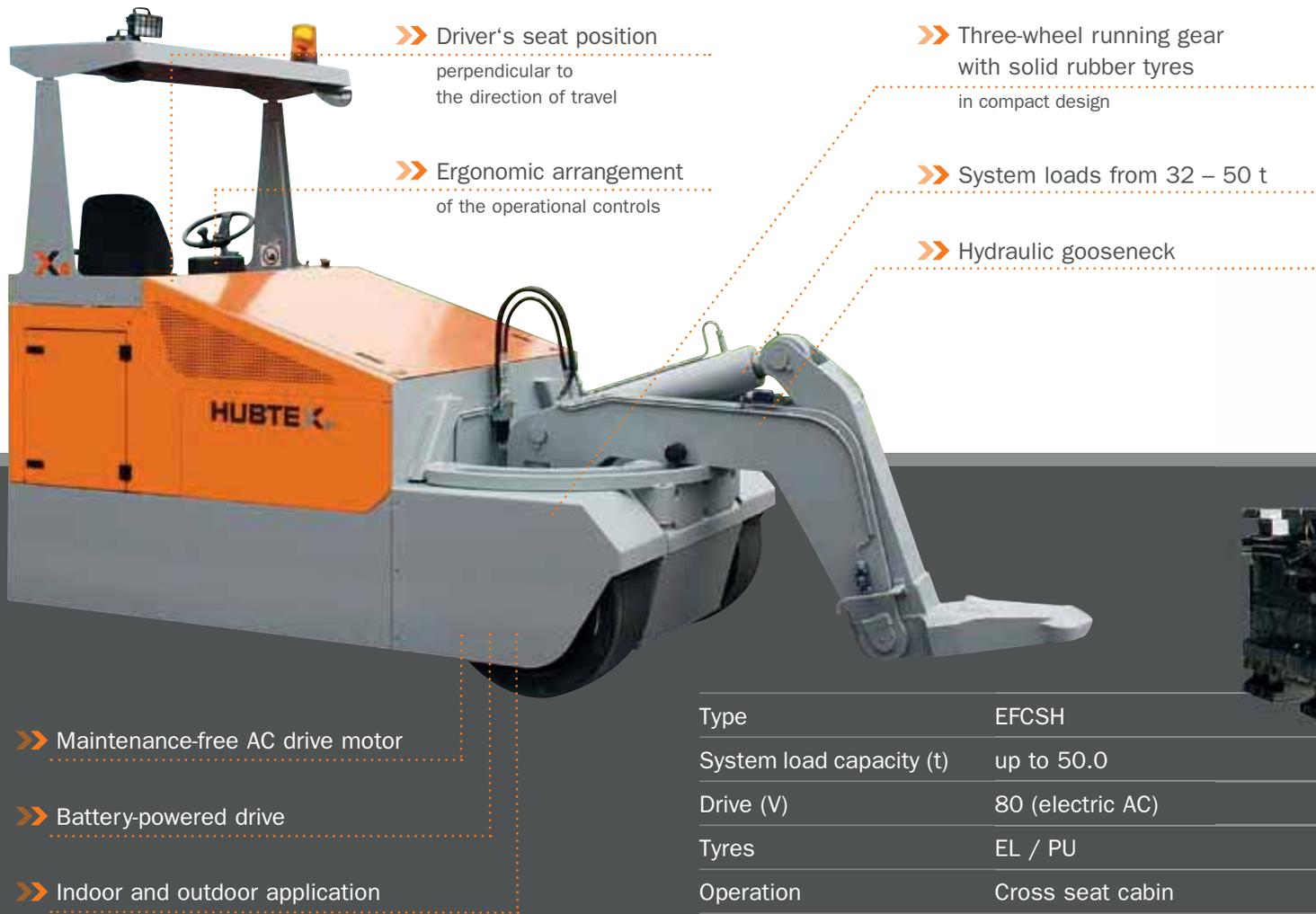
## »» Options

- » Working headlights
- » Four-chamber lights
- » Flashing lights
- » All-round lights
- » Acoustic driving alarm
- » Contact strips
- » Bumpers
- » Laser scanner

## »» Safety

- » Emergency-stop buttons on all sides
- » Protection bars on the front sides
- » Optional personal protection system using laser scanners

# Electric towing tractor with gooseneck



Type	EFCSH
System load capacity (t)	up to 50.0
Drive (V)	80 (electric AC)
Tyres	EL / PU
Operation	Cross seat cabin

Main field of application for the electric-tractor-head with gooseneck are:

- material loading in the production areas
- transport of very heavy machine parts
- for fast and safe handling of “cargo trailer systems” for i.e. the transport of coils



# Heavy-duty electric multidirectional sideloaders

Heavy-duty multidirectional sideloaders with an electric drive can be used for the universal handling of tools, cable drums, rollers, coils, oversized pallets and round bars, either in narrow aisle rack systems or free range within indoor and outdoor areas. The extensive HUBTEX model range, can be customised to meet individual application requirements of customers.

» Load capacities from 6.0 – 25.0 t



Series	2132	2134
Load capacity (t)	6.0 to 10.0	up to 25.0
Useful width (mm)	800 to 2100	1000 to 2500
Lift height (mm)	up to 10000	up to 10000
Tyres	PU (up to 10.0 t) / EL (up to 6.0 t)	PU / EL (up to 16.0 t)
Battery	80 V	80 V
Operation	Cross seat cabin	Cross seat cabin

» Fork carriage tilt for high retention of load capacity and safer handling at high lift heights

» Articulated frame to provide mechanical level compensation

» Multidirectional steering for optimal manoeuvrability

» Indoor and outdoor application

» Reduced power and maintenance costs through modern AC technology and the omission of carbon motor brushes

» Electric drive is quiet and environmentally friendly



# Automatic guided vehicle (AGV)

HUBTEX heavy-duty transport vehicles are ideally suited to automation. The use of a AGV-systems reduces throughput times, saves costs and increases safety.

The following guidance systems are available:

- › Rail guidance
- › Inductive guidance
- › Optical guidance
- › Free magnetic navigation with transponders
- › Laser navigation
- › Indoor GPS navigation

- › Increase in efficiency
- › Optimisation of warehouse logistics
- › Automatic load transfer
- › Circuits with stop stations
- › Use in hazardous areas



# Die handler

Safe and as fast as possible – those are the crucial prerequisites that modern tool changers need to satisfy.

HUBTEX tool changers with load capacities of up to 65 tonnes help to reduce the changing times for pressing and stamping tools and so improve production efficiency. The compact running gear also allows for extremely low entrance heights underneath machinery.

» Load capacities up to 65 t

» Tool platform with lift heights up to 3000 mm

» Extremely low platform heights combined with high load capacities

» Tool changes are carried out using a chain system driven by thrust rods so that tools can be changed quickly

» Ideal push/pull system  
The length of the thrust rods can be adjusted and the rods can be operated individually



# Heavy-duty compact frontlifts



» Durable and robust lifting masts with large residual load-capacity from our internal production

» Load capacities from 12.0 – 25.0 t

» Vibration-damped and sound-insulated cabin

» Excellent all-round visibility thanks to rotatable seat and increased elbow room

» Indoor and outdoor application

» Small turning circle for optimal manoeuvrability and enormous space savings

» Fully hydraulic steering system for effortless operation and driver comfort

» Diesel/LPG drive with state-of-the-art engine technology

» Reduced operation and maintenance costs thanks to hydrostatic drive unit and integrated brake system

## » Features

Whenever you need to move heavy loads in a very confined space, the HUBTEX compact frontlift has no rival. Its very compact external dimensions mean that more storage racks can be used. In short: the HUBTEX compact frontlift is used in all places where conventional frontloaders cannot be operated due to their considerably larger dimensions.



## » Lifting mast

Particular expertise is needed for the construction of a compact frontlift with regard to the lifting mast. As a rule, the lifting mast is subjected to considerable loads, which is significant for safety reasons. HUBTEX therefore takes responsibility for producing the lifting mast itself. A forklift is only as strong as its weakest component, so HUBTEX compact frontlifts exceed quality standards in all areas.



Series	4150	4170
Load capacity (t)	12.0 to 25.0	12.0 to 25.0
Lift height (mm)	up to 7500	up to 7500
Tyres	Solid rubber	Solid rubber
Drive	Diesel	Gas (LPG)

## » Cabin

The driver's workplace with its modern and ergonomic design is characterised above all by its vibration-damped and sound-insulated cabin with a rotatable comfort seat. All of the hydraulic functions are controlled by joysticks.



## » Comparison to other forklifts

The added value of a compact frontlift can be seen in a direct comparison with a standard heavy-duty forklift, which leads to a quick return on investment. A comparison of sizes also speaks clearly in favour of the compact frontlift.



# Heavy-duty compact frontlifts, foundry model

## ➤ Advantages compared to a standard version:

- Protection of temperature-sensitive parts, such as hydraulic lines,
- Installation of the entire drive and steering technology in the vehicle interior,
- No unprotected hydraulic lines in the mast,

Heavy-duty forklifts in a standard design incur comparatively high maintenance and repair costs when used in a foundry. During special use in foundries, for example when handling converters, flying sparks and spray from liquid iron can clog and damage components, which are difficult to protect.

HUBTEX has developed a completely innovative heavy-duty forklift, where the design principle was specifically drawn up to reflect the characteristics of production use in a foundry.



- Greatly improved visibility thanks to the use of a telescopic arm,
- Windows with quick-action replacement system in the cabin,
- Wheel housings protect the braces against damage,
- Lower axle loads to reduce point loadings on building decks.

Thanks to the use of HUBTEX compact frontlifts in a foundry version, the ongoing service costs are reduced considerably, performance is improved and the total cost of ownership is cut dramatically.



# Special-purpose vehicles for heavy-duty applications

Based on the modular design of our vehicles, HUBTEX can fulfil a wide range of customer-specific applications in the field of heavy-duty use that hardly any other supplier can achieve. We have leveraged our experience in the development and production of special vehicles dating back more than 30 years to allow us to offer our customers a complete range of innovative solutions.



## » Glass

In the flat-glass industry, we can offer you a comprehensive range. Beginning with our electric multidirectional sideloaders, glass packs weighing up to 20 tonnes can be transported safely and stored reliably with just one driver. Our glass frame transporters are used in the flat-glass industry for the transport of A and L stillages

of up to 33 tonnes. These transporters are available with electric, diesel and LPG drives and can be used both for indoor use and for combined indoor and outdoor application. Customised special vehicles, e.g. for fitting marine containers with glass complete our portfolio.



» Load bearing through synchronous raising of the chassis

» Glass clamping devices with ultrasound sensors for pressure reduction

» Electric, diesel or LPG drive

» Indoor and outdoor application

» Oversized load and drive wheels optionally in solid rubber or vulkollan



## Transporters for concrete slabs and containers

The HUBTEX GTR and CTR series are special-purpose vehicles for handling concrete slabs and containers. Thanks to their proven modular design, HUBTEX vehicles can be adapted to a variety of application areas.

## Cable drums

By using HUBTEX cable drum transporters, it is possible to transport loads of up to 50 tonnes safely and quickly. Due to the different load bearing types, there is a suitable solution for every handling concept.



Hydraulically steered drive wheels steered electronically

Articulated running gear to compensate for uneven ground (fitted on a pivot in the base frame)

Laterally adjustable load ramp for cable drums of various sizes

Proportional valve technology for infinitely variable, controllable and safe load handling

Pivoting load-bearing cross bar

Electric drive quiet, low-maintenance and environmentally friendly

Indoor and outdoor use thanks to solid rubber tyres

# Your HUBTEX moves on and on

Who should understand your HUBTEX better than we do? Apart from excellent service, HUBTEX offers you long-term investment security which is indeed “the manufacturer’s know-how”.



## ➤ More HUBTEX

Expertly trained technicians whose knowledge and know-how always reflects the latest cutting edge technology.

## ➤ More service

- Accurate maintenance costs due to factory guidelines with regard to service times.
- No unnecessary time required for fault finding due to latest diagnostic tools.

- Highest quality due to the exclusive use of original spare parts.
- Fastest possible resolution of problems by comprehensive factory support.
- Technicians are fully qualified to perform a variety of tasks allowing them to perform safety-relevant procedures on their own.

## ➤ More value

- Due to the exclusive use of original spare parts, your truck remains an original HUBTEX.
- Our service experts offer you maximum transparency regarding the development of your maintenance costs.
- Customized maintenance programmes provide you with a clearly calculable cost structure.
- On request, we analyze your present maintenance costs and show you where potential for savings exists.

## ➤ More safety

You can be sure that all safety-related equipment on your truck is checked by competent, specialised technicians to the latest guidelines at least once per year.

HUBTEX is at your disposal in more than 60 countries all over the world.



**HUBTEX Maschinenbau GmbH & Co. KG**

Industriepark West

Werner-von-Siemens-Str. 8

36041 Fulda, Germany

Telephone: +49-661-8382-0

Fax: +49-661-8382-120

info@hubtex.com

[www.hubtex.com](http://www.hubtex.com)



**Further HUBTEX products  
at a glance:**

- Electric Multidirectional Sideloaders
- Diesel/LPG Fourway Sideloaders
- Electric Fourway High-Lift Trucks
- Sideloaders
- Order Picking Systems
- Glass Transport Systems
- Reach Trucks
- Special-Purpose Vehicles
- Second-Hand and Rental Equipment