

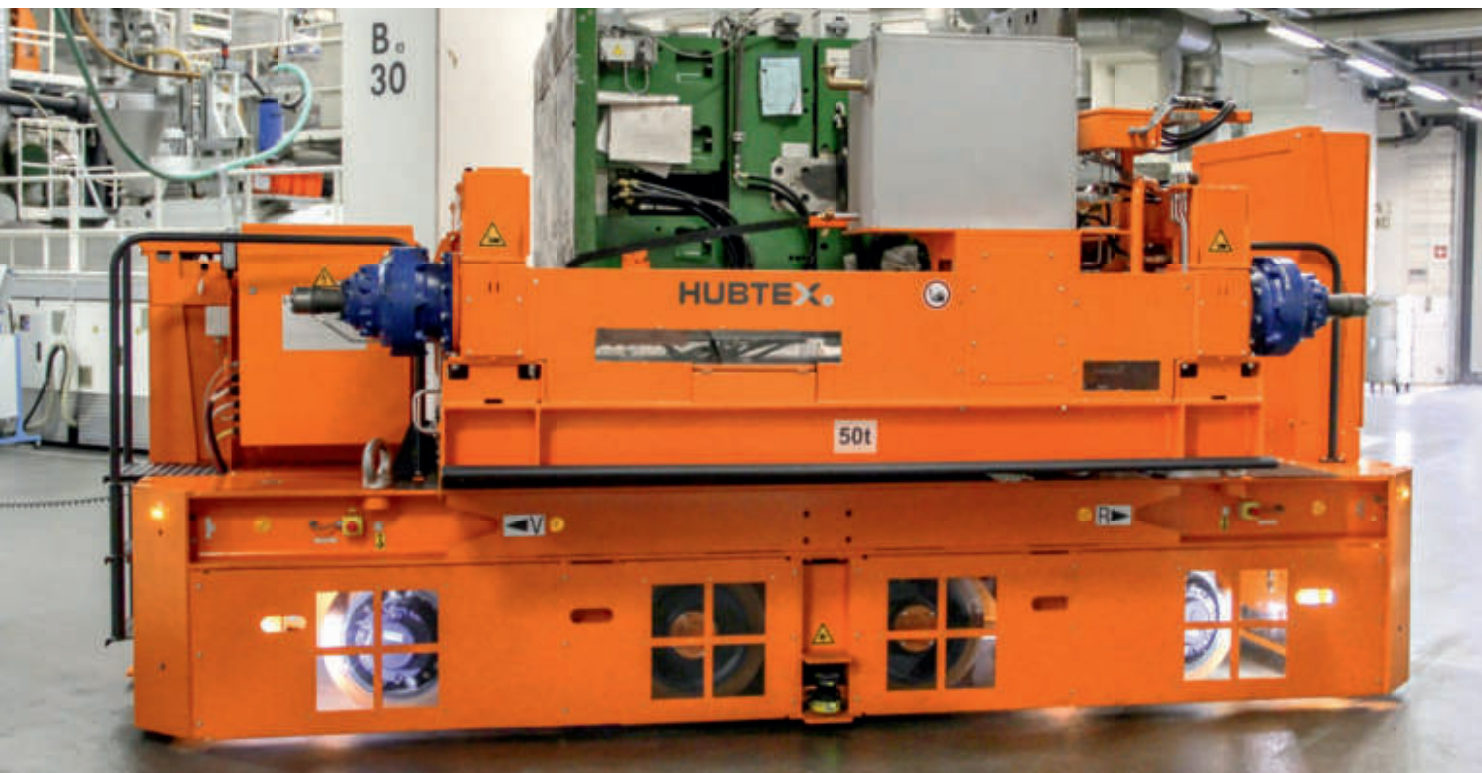
AUTOMOTIVE



MACHINES AND APPLICATIONS
IN THE AUTOMOTIVE INDUSTRY

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HUBTEX.
WE CREATE THE UNIQUE



High Productivity

HUBTEX is a recognised system supplier for the transport of heavy and bulky loads in the automotive industry.

HUBTEX vehicles are mainly used for tool changes, transporting blanks and the handling of cargo trailers.

HUBTEX REFERENCE

VOLKSWAGEN – ELECTRIC MULTIDIRECTIONAL TOOL CHANGER

The multidirectional tool changer was specially developed for use at Volkswagen's Wolfsburg plant and is used for the transport and replacement of injection moulds. The impetus behind the new vehicle was the demand for a mobile and flexible solution with high positioning accuracy. The close cooperation between VW and HUBTEX during the development process enabled the new vehicle to be optimally designed.





➤ TOOL CHANGER

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; stamping and injection tools and so improve production efficiency. The compact running gear also allows for extremely low entrance heights under the tools.

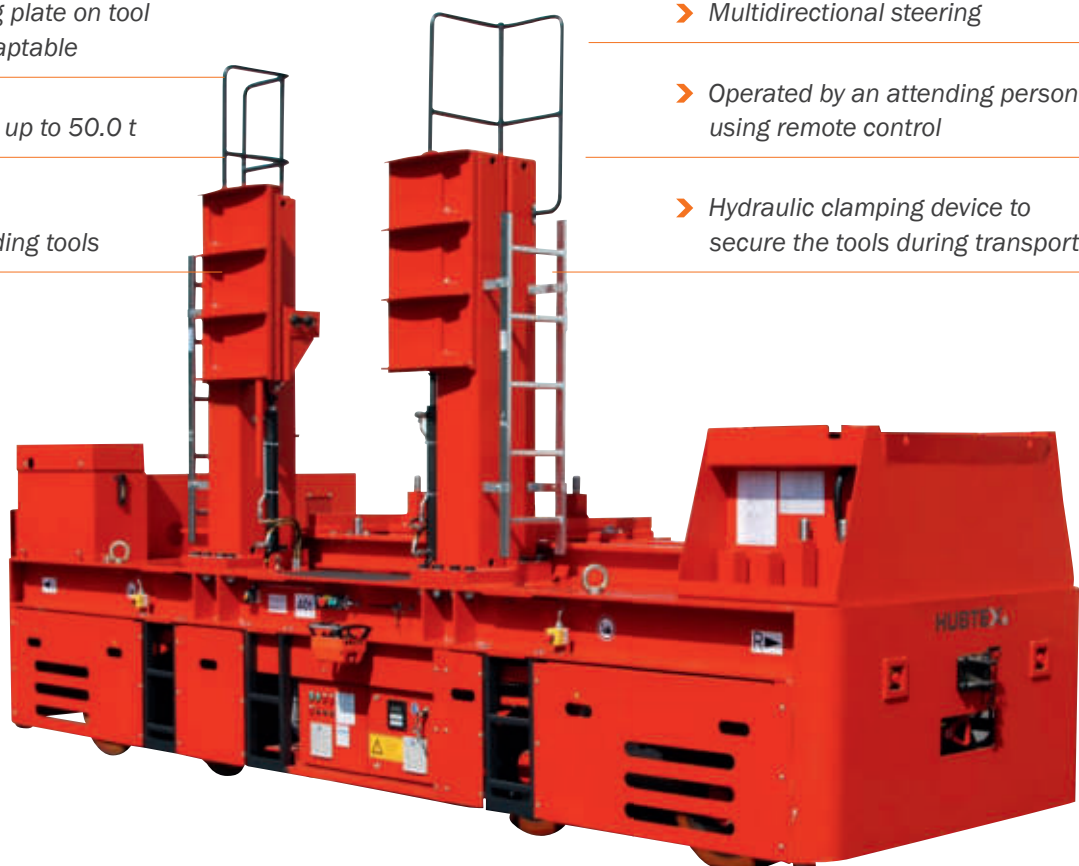
The vehicles are equipped with an integrated tool changing system, which enables the customer to easily change moulds in the tightest of spaces.



EXECUTION EXAMPLE

- Positive locking plate on tool individually adaptable
- Maximum load up to 50.0 t
- Transport of injection moulding tools

- Multidirectional steering
- Operated by an attending person using remote control
- Hydraulic clamping device to secure the tools during transport





➤ PLATFORM TRANSPORTER SFB AND RAIL-MOUNTED TRUCK GW

Our platform trucks (up to 120 t) and rail mounted trucks (up to 350 t) are used for the internal transport of heavy loads on tracks or free moving.

They are suitable for the internal transport of pressing tools and injection moulds between the press, warehouse and maintenance. They feature high manoeuvrability, robust construction, extensive safety features and high equipment availability.

Depending on the requirements, these can be configured to suit individual customer needs.

EXECUTION EXAMPLE



➤ Maximum load up to 40.0 t

➤ Robust design

➤ Battery powered electric maintenance-free AC drive technology

➤ Vulkollan PU tyres

for driving indoors on concreted industrial floors

➤ Solid rubber

for combined indoor and outdoor useage

➤ Can be used as an all-purpose vehicle

Single-axle, all-wheel and multi-directional steering for excellent manoeuvrability

➤ Operation via cab, operator's platform, remote control or automation



EXECUTION EXAMPLE

- System load capacity from 32 to 50 t
- Three-wheel running gear
with solid rubber tyres in compact design
- Maintenance-free AC drive motor
- Hydraulic swanneck

➤ ELECTRIC TOWING TRACTOR



The HUBTEX driver seated Electric towing tractor with swanneck is suitable for handling cargo trailers when coils are to be transported frequently, quickly and reliably. The vehicles are individually adapted to the customer's requirements.

➤ ELECTRIC REACH TRUCK



The HUBTEX Forklift Reach Truck model SQ features a combination of compact design and high load carrying capacities of up to 6 t. As a result, the SQ can be used in the same operating range as conventional forklift trucks. It is particularly suitable for coil handling.

EXECUTION EXAMPLE

- Stable, clear-view lift masts
- Individual attachments
such as crane arm, side shifters, rotators, lifting mandrels etc.
- Quick battery change possible via roller bed
- Compact frame width



➤ **ELECTRIC MULTIDIRECTIONAL SIDELoader**

With their modular design and up to 25 tonnes load capacity, the multidirectional loaders with electric drive can be adapted individually to almost any application.



From the base unit, to vehicles with assistance systems, or a fully-automated transport system, this vehicle range can be adapted to almost any application scenario in either narrow-aisle racking systems or free range operation.

EXECUTION EXAMPLE

➤ *Capacities load transfer
from 6.0 to 25.0 t*

➤ *Electric drive*

*quiet and environmentally friendly
up to 3000 mm*



➤ *Fork carriage tilt*

*for high reserve of load
capacity and safer handling
at high lift heights*

➤ *Pendulum frame*

for mechanical levelling



➤ DRIVER-LESS TRANSPORT SYSTEMS

HUBTEX transport vehicles are perfectly suited for automation. The use of a driver-less transport system reduces throughput times, saves costs and increases safety.

The following guide systems are possible:

- Track,
- Inductive,
- Optical,
- Free magnetic navigation with transponders,
- Laser navigation,
- Indoor GPS navigation.

EXECUTION EXAMPLE

- *Load Capacities up to 260 t*
- *Optimising warehouse logistics*
- *Bystander safety device based on sensors*
- *Automatic load transfer*
- *Circuits with holding stations*
- *Use in hazardous areas*



HUBTEX SECTORS

ALUMINIUM › AUTOMOTIVE › AVIATION › BUILDING MATERIALS › COIL › DRUM › FOOD › FOUNDRY › GLASS
METAL › PAPER › PLASTIC › CONTAINER › TEXTILES › TYRES › WIND POWER › WOOD



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HUBTEX MASCHINENBAU GMBH & CO. KG · Industriepark West · Werner-von-Siemens-Str. 8 · 36041 Fulda, Germany
Tel.: +49 661 8382-0 · Fax: +49 661 8382-120 · info@hubtex.com · www.hubtex.com