

Very low maintenance power for the future
... for indoor and outdoor applications

**ELECTRIC
MULTIDIRECTIONAL
SIDELOADER**

SERIES

**2125
PU-EL**

The Original



Basic capacities from
3000 kg to 4500 kg

AC technology



World-class solutions to logistics problems!

www.hubtex.com

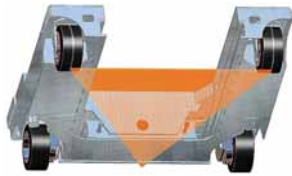
HUBTEX.

Features

The revolutionary HUBTEX series 2005 electric multidirectional sideloader now has a „smaller brother“ the series 2125 available with basic capacities from 3000 to 4500 kg. The chassis of HUBTEX series 2125 with six-wheel design and cushion tyres was developed for the combined interior and exterior use on surfaces such as tar macadam.

For an exclusive interior use the truck is equipped with the proven PU tyres and a reduced loadarm height for an optimal use of the first rack level.

Its unique two-piece articulating chassis ensures that ground forces are minimized and evenly distributed. Heavy-duty twin drive motors and modern high-performance hydraulics, give fast acceleration and high operating speeds.



Further advantages include:

- Application of PU tyres for internal use or cushion tyres for combined interior and exterior use,
- Special fork carriages can be specified enabling difficult loads up to 12 metres in length and 1800 mm in width to be handled with ease,
- Reduced aisle width with optional roller guidance requires only 100 mm safety clearance per side between truck and racking,
- Fast cycle times are achieved with powerful drive and hydraulic motors,
- Maintenance free electronic regenerative braking through Mosfet controllers ensure maximum utilization of battery power,
- High chassis under clearance for use outside, on gradients and ramps,
- Stable, strong lift mast with internally reeved hydraulics (no hose reels) are manufactured „in house“ and have a high reserve of load capacity, even where large load centres are involved,
- Long-term reliability and reduced running costs with high quality proprietary components from well-known industrial suppliers.



All main driving and hydraulic functions are controlled from a single ergonomically designed joystick developed by HUBTEX.

The joystick offers fully proportional lift/lower, mast reach and fork tilt, plus optional fork positioning & teleforks, without moving the hand from this single controller.

Ergonomics



Working with the series 2125 is a real pleasure. Everything is clearly arranged and easily accessible. Sensitive full power, multidirectional steering with fingertip control give HUBTEX trucks extreme manoeuvrability with millimetre accuracy allowing them to operate quickly and easily in the tightest corners. The comfortable, ergonomic drivers workstation offers more elbow room and optimum all round vision. In addition the driver's cabin is rubber mounted to reduce noise and vibration to a minimum. A full suspension seat is also fitted as standard. As option, a fully weather proof cabin with wipers and heating/demisting can be specified.



**“Let every
what he can do**

New Generation AC Technology

Based on the very latest motor control technology, series 2125 is equipped with powerful three-phase AC drive motors and pumps, which offers further advantages, such as:

- Maintenance-free enclosed motor construction with improved protection against moisture and dirt, especially suitable for outdoor application, even in poor weather conditions,
- 2 heavy-duty high torque motors ensure optimum control. Starting on a gradient is no problem for the HUBTEX 2125 series truck. An „Anti-Rollback“ feature ensures safety and gives the driver confidence,
- Precise driving speed control for accurate positioning,
- No carbon brushes or electric contactors means substantially reduced operating costs,
- No carbon brushes means no danger of motor damage from bad service regimes,
- Solid state Mosfet control (without contactors) means reduced maintenance and improved long term reliability.



Easy service access to all components

– CAN-BUS –

Communication between our safety system electronics, HUBTEX-Information-Terminal (HIT²), joystick and other truck components is effected via CAN-BUS. This communication interface, utilized for many years by quality road vehicle manufacturers, allows good specification flexibility and higher safety standards to be achieved.

| Model | Basic capacity |
|-------|----------------|
| MQ 30 | 3000 kg |
| MQ 35 | 3500 kg |
| MQ 40 | 4000 kg |
| MQ 45 | 4500 kg |

Tyres



Vulkullan (PU)



Elastic (EL)

HIT² HUBTEX Information Terminal

Modern industrial on-board computer technology on HUBTEX sideloaders allows easy access to service information as follows:

- Password / key code access
- Date / time
- Working hours
- Battery capacity
- Maintenance cycles
- Speed
- Steering programme
- Wheel direction
- Fork tilt indication
- Status mode
- Telediagnostic service (Option)



Advanced driver and engineer information.

Maintenance

Modern 3-phase brushless drive motors and regenerative braking ensure fast smooth acceleration and deceleration while giving unrivalled economy of battery power. With no motor brushes or brake linings, service costs are appreciably lower and reliability is improved. Modular construction of HUBTEX trucks ensures easy access for servicing and repair. All assemblies are easily accessible reducing downtime and improving service engineer acceptance.

Quality and Safety



All HUBTEX trucks are built to the highest possible quality and safety standards and HUBTEX has been a DIN EN ISO 9001:2000 certified company for over 7 years.

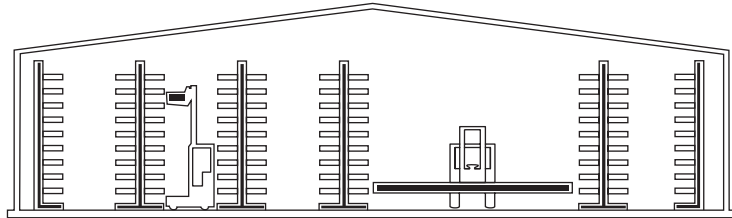
Other standards including:

- Full compliance with existing and all known future EU regulations,
- All sideloaders have a full stability test to EN 1726-1 before delivery,
- Hydraulic overload-protection and load locking valves in lift cylinders,
- Quality welding to DIN 18 800 and to the highly acclaimed welding safety certificate DIN 15 018.



HUBTEX.

body do
best!" Cicero



HUBTEX sideloaders maximize your storage capacity!



Your reliable partner for sideloaders – worldwide!

TECHNICAL DETAILS

| | | |
|--------------------------|----|------------------------|
| height over cabin: | Sh | 2555 mm |
| frame length: | L | 2440 mm |
| width till face of fork: | b | 940–1040 mm |
| loadbed width: | NB | 800–1800 mm |
| frame width: | B | b + NB |
| mast reach: | V | NB + 100 mm |
| height over loadarm: | Rh | 425 (PU) / 500 (EL) mm |
| loadarm opening: | Ra | 1340 mm |
| clearance: | | 75 (PU) / 165 (EL) mm |
| tyres: | | PU / EL |

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