

Very low maintenance power for the future!

SERIES

**COMPACT
MULTIDIRECTIONAL
SIDELoader**

2120
PU-PV

Basic capacities from
1500 kg to 3000 kg



AC technology

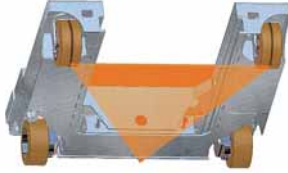
World-class solutions to logistics problems!

www.hubtex.com

HUBTEX.

Features

The HUBTEX series 2120 is a very compact and manoeuvrable all-purpose sideloader with multidirectional steering for the handling of long loads and pallets in confined areas. Customers from a diverse range of applications around the world trust in the proven HUBTEX technology used in this truck. A robust, fully articulating two piece chassis ensures excellent stability and high residual capacities.



Further advantages include:

- Application of PU tyres for internal use or soft PU tyres for combined interior and exterior use,
- Extremely low loadbed height gives improved utilization of warehouse height,
- 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 48 V, high torque AC drive and hydraulic motors,
- 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,
- Maintenance-free electronic regenerative braking through solid state Mosfet controllers ensures maximum utilization of battery power,
- Long-term reliability and reduced running costs with high quality proprietary components from well-established industrial suppliers,
- Ergonomically designed cabin with good all round view,
- Clearly arranged truck controls,
- Ergonomic joystick design with integrated driving direction preselect means drivers enjoy long periods behind the wheel.



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 2120 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 optimal all round vision. In addition the driver's cabin is rubber mounted to keep noise and vibration to a minimum. A comfortable full suspension seat is also fitted as standard.



**“Let every
what he can do**

New Generation AC Technology

Based on the very latest motor control technology, series 2120 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 2120 series truck. An „Anti-Rollback“ feature ensures safety and gives the driver confidence,
- Higher final speed and better acceleration,
- 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 display), 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
M 15	1 500 kg
M 20	2 000 kg
M 25	2 500 kg
M 30	3 000 kg

Tyres



Vulkollan (PU)



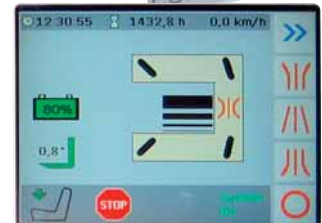
Soft PU (PV)

**body do
best!"** Cicero

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 improved. Modular construction of HUBTEX trucks ensures easy access for servicing and repairs even in narrow aisle situations. All assemblies are easily accessible reducing down-time and improving service engineer acceptance.

Quality and Safety



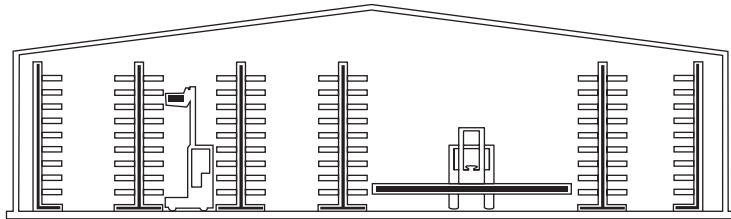
All HUBTEX trucks are built to the highest possible quality and safety standards and HUBTEX has been a DIN EN ISO 9001:2000 certified company for over 7 years.

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.



HUBTEX sideloaders maximize your storage capacity!



**Your reliable partner for
sideloaders – worldwide!**

TECHNICAL DETAILS

height over cabin:	Sh	2460 mm
frame length:	L	2090 mm
width till face of fork:	b	1010–1090 mm
loadbed width:	NB	800–1600 mm
frame width:	B	b + NB
mast reach:	V	NB + 100 mm
height over loadarm:	Rh	375 mm
loadarm opening:	Ra	1000 + 1320 mm
clearance:		75 mm
tyres:		PU / PV



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