



Electric Pedestrian Pallet Truck KH.HS 3000

Standard equipment

- **Heavy duty application**
- Max travel speed - **9,0km/h**
- Capacity - **3000 kg**
- Lifting height - **125 mm**
- **AC** drive motor - **2,5 kW**:
 - Maintenance free
 - External Encoder
 - Low noise level
- **DC** pump motor - **2,0 kW**
- Electronics - **modern CANBUS-architecture** requiring less wiring, giving better reliability, providing easy and fast diagnostics
- Speed control by **pulse controller AC/250A** including regenerative braking with energy reclamation to the battery
- Horn
- Automatic Braking:
 - Emergency and Parking electromagnetic brake
 - Regenerative braking when releasing accelerator in a neutral position or reversing the travel direction
- **Traction battery 24V 2PzS/250Ah, C5** / standard wet battery
- High frequency/**HF** automatic on-board **charger 24V/30A**
- EMERGENCY Switch
- Multifunction Digital Indicator displaying:
 - Battery's state of charge
 - Hour meter
 - Alarms
- Rollers and wheels - VULKOLLAN. Load side - Tandem rollers as standard
- Two castor wheels (left and right Driver side) and Spring loaded Drive Wheel in the middle
- **CREEP SPEED** function – travelling in restricted areas with Tiller-arm in upright position
- **Automatically foldable Driver`s platform**
- In accordance with **EN 1726-2** requirements:
 - Automatically foldable driver's platform (rubber cushioning for low-stress);
 - Manually foldable Sideguards (rubber cushioning for gentle keeping of Driver's body within the Truck's contour);
 - Automatic Travel speed reduction with the Platform or even only one of the two Safeguards in vertical position;
 - Automatic Travel speed reduction when cornering more than 10° left/right.
- Virtually maintenance-free Drive-wheel unit:
 - Modern AC traction motor in vertical position
 - High efficient gear box /gears in oil bath - no oil change required for life
 - High quality Traction wheel with Polyurethane, 93° Shore A tyre (other tyres available on request)
 - High quality Electromagnetic Brake with environment-friendly friction lining.

Optional equipment

- Batteries with higher capacity
- Authorized access with **PIN-Code management**
- Sideways battery removal in a multi-shift applications
- Hand trolley for sideways battery removal
- Gel/maintenance-free batteries HAWKER "Evolution"

Electric Stand-on Pallet Truck KH.HS 3000

Type sheet for industrial Trucks according to VDI 2198

Characteristics	1.1	Manufacturer			VENI
	1.2	Manufacturer's type designation			KH.HS 3000
	1.3	Power unit			Battery
	1.4	Operation (pedestrian, stand on, seated)			Stand-on/Pedestrian
	1.5	Load capacity	Q	(kg)	3000
	1.6	Load centre	c	(mm)	600
	1.8	Axle centre to fork face	x	(mm)	862(*)
	1.9	Wheelbase	y	(mm)	1320(*)
	Weight	2.1	Service weight incl. battery		(kg)
Wheel/tyres	3.1	Tyres front/rear (Polyurethane/PU, Vulkollan/VU)			VU/VU
	3.2	Tyre size, front		(mm)	D 230x70
	3.3	Tyre size, rear		(mm)	D 85x80
	3.4	Support wheels		(mm)	D 150x60
	3.5	Wheels, number front / rear (x=driven)		(mm)	1x+2/4
	3.6	Track width, front	b ₁₀	(mm)	520
	3.7	Track width, rear	b ₁₁	(mm)	375
Dimensions	4.4	Lift	h ₃	(mm)	125
	4.9	Height of tiller in drive position min./max.	h ₁₄	(mm)	1200/1450
	4.15	Fork height, lowered	h ₁₃	(mm)	85
	4.19	Overall length with/without platform	l ₁	(mm)	2254/1861
	4.20	Length to fork face with/without platform	l ₂	(mm)	1104/711
	4.21	Overall width	b ₁	(mm)	740
	4.22	Fork dimensions	s/e/l	(mm)	55/185/1150
	4.25	Overall forks width	b ₅	(mm)	560
	4.32	Ground clearance, centre of wheelbase	m ₂	(mm)	30/155
	4.34	Aisle width with pallet 800x1200 mm along forks with/without platform	Ast	(mm)	2504/2111
4.35	Turning radius with/without platform	Wa	(mm)	1966/1573	
Performance	5.1	Travel speed, with/without load		(km/h)	8.4/9.0
	5.2	Lifting speed, with/without load		(m/s)	0.060/0.090
	5.3	Lowering speed, with/without load		(m/s)	0.065/0.050
	5.8	Maximum gradeability, with/without load		(%)	8/16
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor, rating S2 60 min		(kW)	2.5
	6.2	Lift motor, rating S3 15%		(kW)	2.0
	6.4	Battery voltage/rated capacity C5		(V/Ah)	24/250
Others	8.1	Type of drive control			Pulse controller
					AC/250A

(*) - Load section lowered+72 mm

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