



## Electric Pedestrian Pallet Stacker KMS.AC 1250/2,0

### Standard equipment

- Heavy-duty application
- Max travel speed 6,0km/h
- Capacity – **1250 kg**
- Lifting height – **2.0 m**
- **AC** drive motor - **1,3 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 **COMBI 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/160Ah C5** / standard wet **Pb Acid** battery
- **High frequency/HF** automatic on-board charger **24V/30A**
- EMERGENCY Switch
- Multifunction Digital Indicator displaying:
  - Battery's state of charge
  - Hour meter
  - Alarms
- **Proportional hydraulics** for smooth, step-less Lifting/Lowering speed control
- Rollers and wheels - Polyurethane. 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
- Automatic Travel speed reduction when forks raised 1200mm and more
- Robust Two stage mast with central cylinder
- The Low centre of gravity-Chassis, strong masts and wheel layout concept – leading to high Residual capacity
- 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
- Foldable driver's platform
- Authorized access with **PIN-Code management**
- Straddle legs version, including Forks 40/100/1200mm ISO/FEM Class 2B
- Sideways battery removal in a multi-shift applications
- Gel/maintenance-free batteries HAWKER "Evolution"
- Initial lift
- Choice of mast:
  - Different Lifting heights
  - Clear view mast
  - Full free lift mast
- **FLEET management unit**

## Electric Pedestrian Pallet Stacker KMS.AC 1250/2,0

Type sheet for industrial Trucks according to VDI 2198

		<b>VENI</b>			
Characteristics	1.1	Manufacturer			<b>KMS.AC 1250/2,0</b>
	1.2	Manufacturer's type designation			Battery
	1.3	Power unit			Pedestrian
	1.4	Operation			
	1.5	Load capacity	Q	(kg)	<b>1250</b>
	1.6	Load centre	c	(mm)	600
	1.8	Axle centre to fork face	x	(mm)	690
	1.9	Wheelbase	y	(mm)	1239
	Weight	2.1	Service weight incl. battery		(kg)
Wheels/tyres	3.1	Tyres front/rear (Polyurethane/PU, Vulkollan/VU)			PU/PU
	3.2	Tyre size, front		(mm)	D 230x70
	3.3	Tyre size, rear		(mm)	D 85x70
	3.4	Support wheels		(mm)	D 150x50
	3.5	Wheels, number front / rear (x=driven)		(mm)	1x+2/4
	3.6	Track width, front	b <sub>10</sub>	(mm)	720
	3.7	Track width, rear	b <sub>11</sub>	(mm)	410
Dimensions	4.2	Height, mast lowered	h <sub>1</sub>	(mm)	1560
	4.3	Free lift	h <sub>2</sub>	(mm)	120
	4.4	Lift	h <sub>3</sub>	(mm)	1910
	4.5	Height, mast extended	h <sub>4</sub>	(mm)	2455
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub>	(mm)	1200/1310
	4.15	Fork height, lowered	h <sub>13</sub>	(mm)	90
	4.151	Fork height, lifted	h <sub>3</sub> +h <sub>13</sub>	(mm)	2000
	4.19	Overall length	l <sub>1</sub>	(mm)	1888
	4.20	Length to fork face	l <sub>2</sub>	(mm)	738
	4.21	Overall width	b <sub>1</sub>	(mm)	862
	4.22	Fork dimensions	s/e/l	(mm)	55/165/1150
	4.25	Overall forks width	b <sub>5</sub>	(mm)	570
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	(mm)	35
	4.34	Aisle width with pallet 800x1200 mm along forks	Ast	(mm)	2276
	4.35	Turning radius	Wa	(mm)	1428
Performance	5.1	Travel speed, with/ without load		(km/h)	5.5/6.0
	5.2	Lifting speed, with/ without load		(m/s)	0.136/0.160
	5.3	Lowering speed, with/ without load		(m/s)	0.190/0.160
					0.095/0.080
	5.8	Maximum gradeability, with/ without load		(%)	8/15
5.10	Service brake			Electromagnetic	
Drive	6.1	Drive motor, rating S2 60 min		(kW)	1.3
	6.2	Lift motor rating S3 15%		(kW)	2.0
	6.4	Battery voltage/ rated capacity C5		(V/Ah)	24/160
Others	8.1	Type of drive control			Pulse controller
					COMBI AC/250A

