

Electric Pedestrian Pallet Stacker KM.AC 1200/2,5

Type sheet for industrial Trucks according to VDI 2198

Characteristics	1.1	Manufacturer			VENI
	1.2	Manufacturer's type designation			KM.AC 1200/2,5
	1.3	Power unit			Battery
	1.4	Operation			Pedestrian
	1.5	Load capacity	Q	(kg)	1200
	1.51	Residual capacity	Q _{res}	-	-
		h ₃ +h ₁₃ = 2100 mm	-	(kg)	1200
		h ₃ +h ₁₃ = 2500 mm	-	(kg)	1100
	1.6	Load centre	c	(mm)	600
	1.8	Axle centre to fork face	x	(mm)	683
	1.9	Wheelbase	y	(mm)	1220
Weight	2.1	Service weight incl. battery		(kg)	710
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 85x100
	3.4	Support wheel		(mm)	D 150x50
	3.5	Wheels, number front / rear (x=driven)		(mm)	1x+1/2
	3.6	Track width, front	b ₁₀	(mm)	621
	3.7	Track width, rear	b ₁₁	(mm)	410
Dimensions	4.2	Height, mast lowered	h ₁	(mm)	1810
	4.3	Free lift	h ₂	(mm)	120
	4.4	Lift	h ₃	(mm)	2410
	4.5	Height, mast extended	h ₄	(mm)	2955
	4.9	Height of tiller in drive position min./max.	h ₁₄	(mm)	1200/1310
	4.15	Fork height, lowered	h ₁₃	(mm)	90
	4.151	Fork height, lifted	h ₃ +h ₁₃	(mm)	2500
	4.19	Overall length	l ₁	(mm)	1865
	4.20	Length to fork face	l ₂	(mm)	715
	4.21	Overall width	b ₁	(mm)	840
	4.22	Fork dimensions	s/e/l	(mm)	55/165/1150
	4.25	Overall forks width	b ₅	(mm)	570
	4.32	Ground clearance, centre of wheelbase	m ₂	(mm)	35
Performance	4.34	Aisle width with pallet 800x1200 mm along forks	Ast	(mm)	2284
	4.35	Turning radius	Wa	(mm)	1430
	5.1	Travel speed, with/ without load		(km/h)	5.5/6.0
	5.2	Lifting speed, with/ without load		(m/s)	0.140/0.165
	5.3	Lowering speed, with/ without load		(m/s)	0.160/0.120
	5.8	Maximum gradeability, with/ without load		(%)	10/15
Drive	5.10	Service brake			Electromagnetic
	6.1	Drive motor, rating S2 60 min		(kW)	1.3
	6.2	Lift motor rating S3 15%		(kW)	2.0
	6.4	Traction battery voltage/ rated capacity C5		(V/Ah)	24/180
Others	8.1	Type of drive control			Pulse controller AC/180A

* CREEP SPEED function - travelling in restricted areas with Tiller-arm in upright position/vertical

* Automatic travel speed reduction when forks raised above 1200mm in accordance to EN 1726-2



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