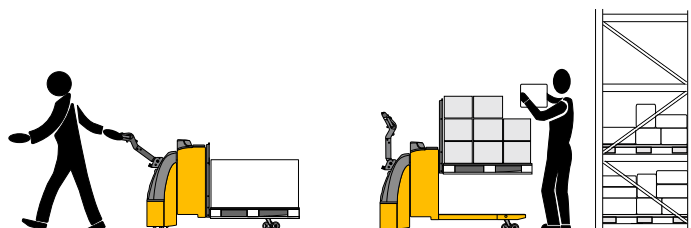


Pedestrian power pallet truck with mast

Pedestrian power pallet truck with mast. It combines the traditional pallet trucks function (2.0 t. capacity) to the possibility of lifting the load (0.8 t. capacity) at 760 mm from the ground. It is used for picking operations and collecting of the orders and for stacking operations. Thanks to the extremely compact dimensions, it is ideal to work in warehouses, its ideal application is the handling of single loads. The push buttons positioned in both sides are easily accessible from the operator who can better level the load acting on the lifting and lowering improving and limiting the pathologies related to the skeleton-muscle apparatus pathologies.



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• 316 KN-M ac

Characteristics	1.1	Manufacturer		OMG S.p.A.
	1.2	Manufacturer's model designation		316 KN-M ac
	1.3	Drive : E (electric)		E
	1.4	Type of control : T (tiller) S (steering wheel) A (pedestrian) P (standing) R (seated)		T / A
	1.5	Load capacity	Q (t)	2.0 - 0.8
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	X (mm)	973
	1.9	Wheelbase	Y (mm)	1.498
Weights	2.1	Service weight (battery included)	Kg	635
	2.2	Axle loading (with load)	front / rear	/
	2.3	Axle loading (without load)	front / rear	/
Wheels - Chassis	3.1	Tyres : plt (polyurethane) vlk (vulkollan)		plt
	3.2	Front wheels size	mm	230
	3.3	Rear wheels size	mm	85
	3.4	Stabilizers wheels dimensions	mm	100
	3.5	Wheels : number front / rear (x = traction)		1x + 2 / 2 - 4
	3.6	Front track width	b 10	469
	3.7	Rear track width	b 11	380
Dimensions	4.2	Lowered mast height	h1 (mm)	827
	4.3	Free lift	h5 (mm)	120
	4.4	Lifting height	h3 (mm)	550
	4.5	Extended mast height	h4 (mm)	1.497
	4.9	Height of tiller arm in drive position (min / max)	h14 (mm)	962 / 1.355
	4.15	Forks lowered height	h13 (mm)	90
	4.19	Total length	l1 (mm)	1.823
	4.20	Length to forks face	l2 (mm)	673
	4.21	Overall width	b1 / b2 (mm)	706
	4.22	Forks dimensions	s / e / l	75 / 180 / 1.150
	4.24	Fork carriage width	b3 (mm)	640
	4.25	Width over forks	b5 (mm)	560
	4.32	Ground clearance	m2 (mm)	15
	4.33	Aisle width for pallets 1000 x 1200 forking side 1200	Ast3 (mm)	
	4.34	Aisle width for pallets 800 x 1200 forking side 800	Ast3 (mm)	2.348
Performances	4.35	Turning radius	Wa (mm)	1.690
	5.1	Travel speed	laden / unladen	Km / h
	5.2	Lifting speed	laden / unladen	m / s
	5.3	Lowering speed	laden / unladen	m / s
	5.7	Gradient performance (S2 30 min)	%	
	5.8	Max gradient performance (S2 5 min)	%	5 / 10
	5.10	Service brake M (mechanical) I (hydraulic) IV (inversion braking)		IV
El.Motor	6.1	Traction motor, rating S2 60 min	KW	1
	6.2	Lifting motor, rating S3 15%	KW	2
	6.3	Battery according DIN 43531 / 35 / 36 A, B, C, no		no
	6.4	Battery voltage, nominal capacity K5	V / Ah	24 / 150
	6.5	Battery weight (± 5 %)	Kg	150
Others	8.1	Type of travel control		AC
	8.4	Sound level at driver's ear	dB (A)	< 70

Technical specification according to VDI 2198

Information and data are given for information only, OMG S.p.A. will have the sole right for technical changes and improvements without giving any notice.

double load wheels	s
external forks width 560 mm	s
initial lift of the forks	s
polyurethane traction wheel	s
anti-slip traction wheel	o
push button for vertical operation	o
cold store execution	o
automatic battery refilling	o
electronic braking system	s
electronic speed control	s
electromagnetic parking brake	s
BDI/hour meter with lifting cut-off at 80% discharge	s
s=standard	o=optional

