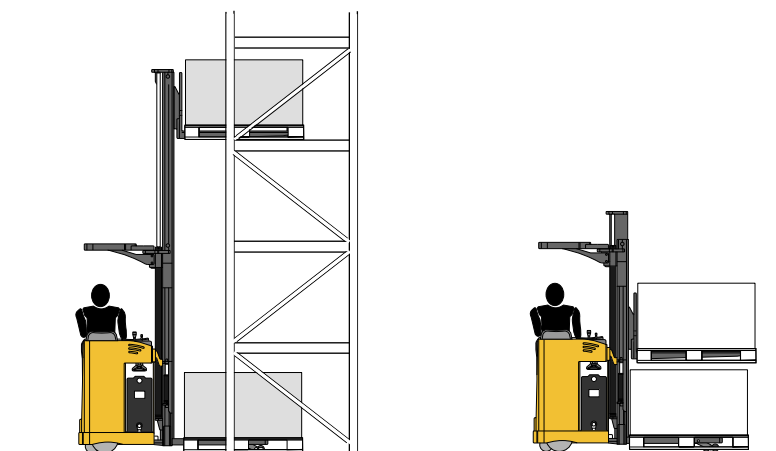


Modus BM

Custom line

Pallet stacker with ride-on operator. It combines the traditional function of a stacker with the functionality of lifting forks. The separate excitation traction motor guarantees elevated performance and velocity. Perfect for the horizontal and vertical handling on longer ranges. The high battery capacity ensures good working autonomy. Full-free-view mast lifting from 1.650 mm to 4.200 mm. It is characterized by its handiness and compact dimensions, suitable for all commodity uses and to carry 2 loads at the same time.

INITIAL LIFT FUNCTION



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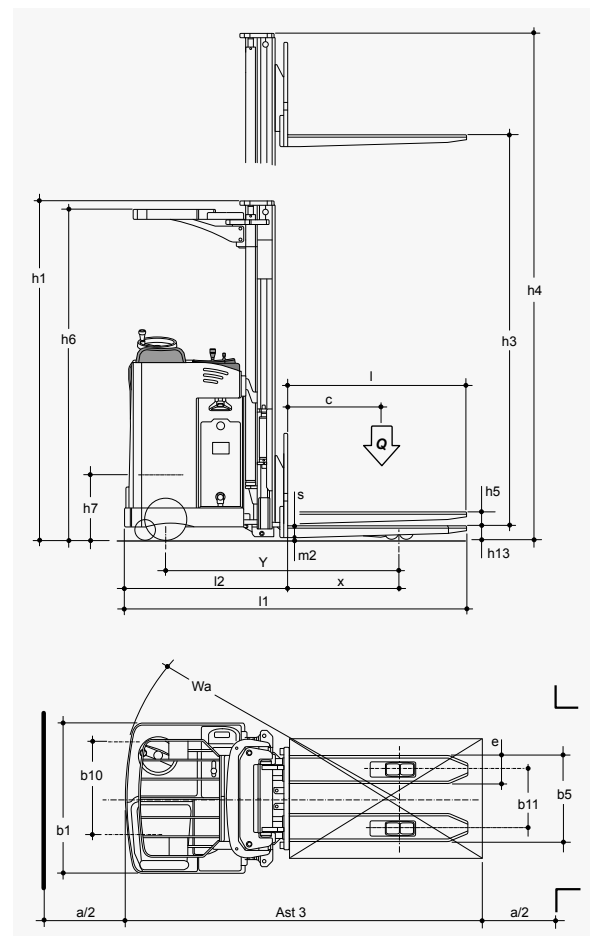
Azienda certificata
ISO 9001:2000



Lift your Business

www.omgindustry.com

Characteristics	1.1	Manufacturer		OMG S.p.A.	
	1.2	Manufacturer's model designation		MODUS BM	
	1.3	Drive : E (electric)		E	
	1.4	Type of control : T (tiller) S (steering wheel) A (pedestrian) P (standing) R (seated)		S / R	
	1.5	Load capacity		Q (t)	1.5
	1.6	Load centre distance		c (mm)	600
	1.8	Load distance, centre of drive axle to fork		X (mm)	720
	1.9	Wheelbase		Y (mm)	1.500
Weights	2.1	Service weight (battery included)		Kg	1.620
	2.2	Axle loading (with load)	front / rear	Kg	1.220 / 1.750
	2.3	Axle loading (without load)	front / rear	Kg	1.160 / 460
Wheels - Chassis	3.1	Tyres : plt (polyurethane) vlt (vulkollan)			plt
	3.2	Front wheels size		mm	245
	3.3	Rear wheels size		mm	85
	3.4	Stabilizers wheels dimensions		mm	150
	3.5	Wheels : number front / rear (x = traction)			2 + 1x / 4
	3.6	Front track width		b 10	540
	3.7	Rear track width		b 11	380
Dimensions	4.2	Lowered mast height		h1 (mm)	2.130
	4.3	Free lift		h5 (mm)	1.560
	4.4	Lifting height		h3 (mm)	3.100
	4.5	Extended mast height		h4 (mm)	3.700
	4.7	Overhead guard height		h6 (mm)	2.080
	4.8	Seat height / standing height		h7 (mm)	850
	4.15	Forks lowered height		h13 (mm)	90
	4.19	Total length		l1 (mm)	2.200
	4.20	Length to forks face		l2 (mm)	1.050
	4.21	Overall width		b1 / b2 (mm)	950
	4.22	Forks dimensions		s / e / l	70 / 180 / 1.150
	4.24	Fork carriage width		b3 (mm)	665
	4.25	Width over forks		b5 (mm)	560
	4.32	Ground clearance	laden	m2 (mm)	80
	Performances	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)	2.450
4.35		Turning radius		Wa (mm)	1.750
5.1		Travel speed	laden / unladen	Km / h	8 / 9.5
5.2		Lifting speed	laden / unladen	m / s	0.18 / 0.25
5.3		Lowering speed	laden / unladen	m / s	0.4
5.7		Gradient performance (S2 30 min)		%	
5.8	Max gradient performance (S2 5 min)		%	10 / 15	
5.10	Service brake M (mechanical) I (hydraulic) IV (inversion braking)			IV	
El.Motor	6.1	Traction motor, rating S2 60 min		KW	2.6
	6.2	Lifting motor, rating S3 15%		KW	4
	6.3	Battery according DIN 43531 / 35 / 36 A, B, C, no			DIN
	6.4	Battery voltage, nominal capacity K5		V / Ah	24 / 500
	6.5	Battery weight (± 5 %)		Kg	370
Others	8.1	Type of travel control			MOS DC
	8.4	Sound level at driver's ear		dB (A)	< 70
Technical specification according to VDI 2198					DS.075EN.REV.00
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.					



h3		h1	h4	h5	(Q) t
1.650	mm	2.100	2.250	1.560	1.5
3.100	mm	2.130	3.700	1.560	1.5
3.600	mm	2.380	4.200	1.810	1.3
4.650	mm	2.130	5.250	1.560	0.9