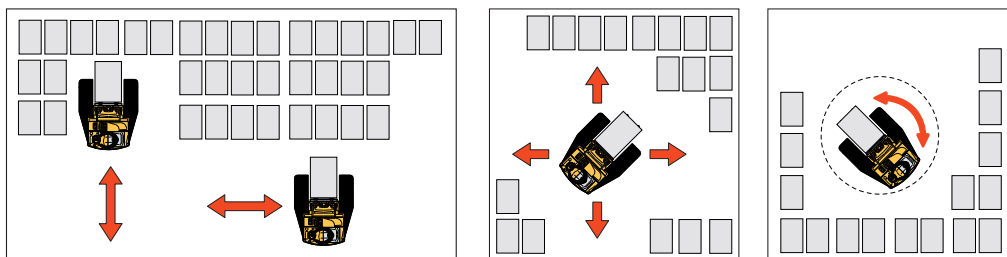


Neos 25 4-D

Four-way reach truck. Powerful and silent motors with separate excitation, full-free-view mast lifting from 4.500 to 8.250 mm (standard), integrated side shift, tilting on fork holder plate (Tilting Forks), electrical servo-steering wheel, steering column multiple adjustable, LCD display (Logic Control). Proportional control valves for al hydraulic functions by joystick, microprocessor controls for traction, lifting and wheel positioning. Developed to reduce the aisle, it can work sideways and also in parallel travel. It is characterized by its handiness and compact dimensions, suitable for all commodity uses.



www.omgindustry.com

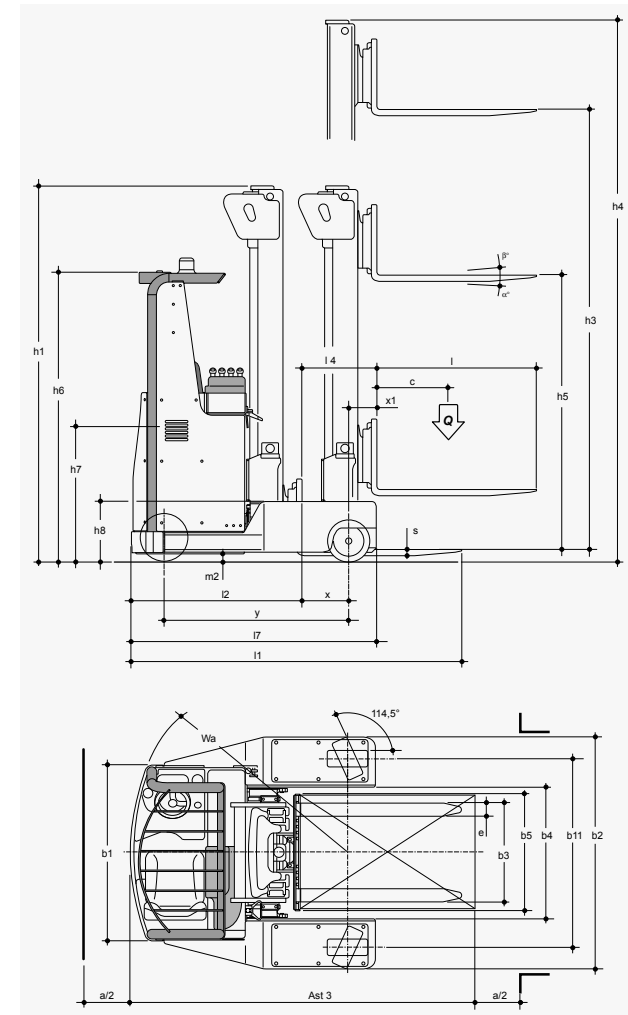
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Azienda certificata
ISO 9001:2000



Lift your Business

Characteristics	1.1	Manufacturer		OMG S.p.A.
	1.2	Manufacturer's model designation		NEOS 25 4-D
		T = integrated side-shift		T
	1.3	Drive : E (electric)		E
	1.4	Type of control : S (steering wheel) R (seated)		S / R
Weights	1.5	Load capacity	Q (t)	2.5
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	X (mm)	490
		Mast advanced	X1 (mm)	210
	1.9	Wheelbase	Y (mm)	1.605
Wheels - Chassis	2.1	Service weight (battery included)	Kg	4.250
	2.3	Axle loading mast retracted (without load)	front / rear Kg	2.530 / 1.720
	2.4	Axle loading mast advanced (with load)	front / rear Kg	502 / 6.268
	2.5	Axle loading mast retracted (with load)	front / rear Kg	2.266 / 4.432
	3.1	Tyres : vlk (vulkollan) se (superelastic)		vlk
Dimensions	3.2	Front wheels size	mm	343
	3.3	Rear wheels size	mm	300
	3.5	Wheels : number front / rear (x = traction)		1x / 4
	3.7	Rear track width	b 11 (mm)	1.465
	4.1	Mast / fork carriage tilted forward / backward	a / b	3 / 5
Dimensions	4.2	Lowered mast height	h1 (mm)	2.615
	4.3	Free lift	h5 (mm)	2.060
	4.4	Lifting height	h3 (mm)	6.000
	4.5	Extended mast height	h4 (mm)	6.595
	4.7	Overhead guard (cab) height	h6 (mm)	2.100
	4.8	Seat height	h7 (mm)	1.090
	4.10	Height of wheels arm	h8 (mm)	535
	4.19	Total length	l1 (mm)	2.505
	4.20	Length to forks face	l2 (mm)	1.355
	4.21	Overall width	b1 / b2 (mm)	1.260 / 1.780
	4.22	Forks dimensions	s / e / l	45 / 120 / 1.150
	4.23	Fork carriage, class / type A, B		IIA
	4.24	Fork carriage width	b5 (mm)	840
	4.25	Width over forks	b3 (mm)	720
	4.26	Distance between support arms / loading surfaces	b4 (mm)	950
	4.28	Reach distance	l4 (mm)	700
Performances	4.32	Ground clearance	m2 (mm)	75
	4.33	Aisle width with pallets 1000 x 1200 forking side 1200	Ast3 (mm)	2.847
	4.34	Aisle width with pallets 800 x 1200 forking side 800	Ast3 (mm)	2.874
	4.35	Turning radius	Wa (mm)	1.860
	4.37	Length across wheel arms	l7 (mm)	2.060
	5.1	Travel speed	laden / unladen Km / h	9.5 / 10.5
	5.2	Lifting speed	laden / unladen m / s	0.28 / 0.45
	5.3	Lowering speed	laden / unladen m / s	0.53 / 0.45
	5.4	Reach speed	laden / unladen m / s	
	5.7	Gradient performance	%	
EI motor	5.8	Max gradient performance	%	10 / 15
	5.9	Acceleration time (10 m)	s	6.5 / 6
	5.10	Service brake M (mechanical) I (hydraulic) IV (inversion braking)	M / I	
	6.1	Traction motor, rating S2 60 min	KW	6
	6.2	Lifting motor, rating S3 15%	KW	9
	6.3	Battery according DIN 43531 / 35 / 36 A, B, C, no		no
	6.4	Battery voltage, nominal capacity K5	V / Ah	48 / 620
	6.5	Battery weight (± 5 %)	Kg	950
		Battery dimensions l / w / h	L/W/H mm	1.220 / 346 / 770
Others	8.1	Type of travel control		MOS DC
	8.2	Operating pressure for attachments	bar	180
	8.3	Oil volume for attachments (max available)	l / min	30
	8.4	Sound level at driver's ear	dB (A)	< 80
Technical specification according VDI 2198				DS.059EN.REV.02
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
4.060	mm	2.565	4.565	2.000	2.5
4.500	mm	2.115	5.095	1.560	2.5
5.250	mm	2.365	5.845	1.810	2.5
6.000	mm	2.615	6.595	2.060	2.5
6.750	mm	2.865	7.345	2.310	1.9
7.500	mm	3.115	8.095	2.560	1.85
8.250	mm	3.365	8.845	2.810	1.65