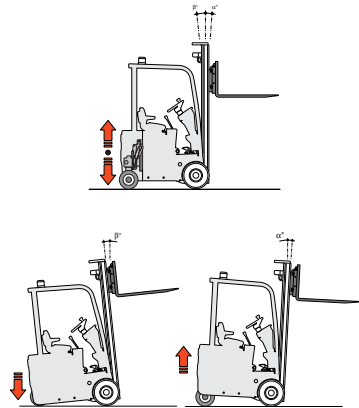


## Electric forklift truck

Electric forklift truck 3-wheel front traction twin-motor, AC technology, full-free-view mast lifting from 3.200 mm up to 6.200 mm, integrated side-shift. LCD Display with 3 different power output possibilities E (economy) S (standard) H (super). Forklift truck with T.O.S. system (OMG Tilting System) that it allows to incline the chassis and not the mast, this to raise up the lifting capacity even at high lifting heights. Perfect for work in stores with aisles and reduced spaces, available with battery (24 V 625 Ah) for an intensive use.



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Azienda Certificata  
ISO 9001:2008 N°7236 MN  
ISO 9001:2008 N°23355

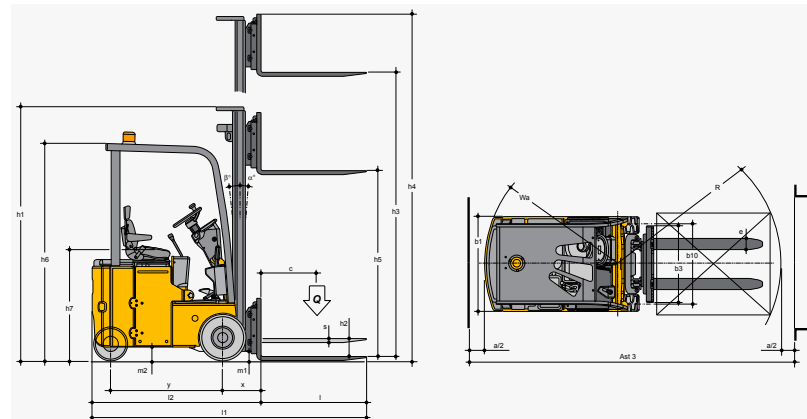
Ergos III 8 • 10 TA3 ac

Characteristics	OMG S.p.A.					
	8 TA3 AC	ERGOS III	10 TA3 AC			
1.1	Manufacturer					
1.2	Manufacturer's model designation					
1.3	Drive : E ( electric )					
1.4	Type of control : S ( steering wheel ) R ( seated )					
1.5	Load capacity	Q ( t )	0.8	1.0		
1.6	Load centre distance	c ( mm )	500			
1.8	Load distance, centre of drive axle to fork	X ( mm )	350			
1.9	Wheelbase	Y ( mm )	1.015			
Weights	2.1	Service weight ( battery included )	Kg	1.950	2.295	
	2.2	Axle loading ( with load )	front / rear	Kg	2.720 / 370	2.720 / 245
	2.3	Axle loading ( without load )	front / rear	Kg	1.250 / 1.040	
Wheels - Chassis	3.1	Tyres : se ( superelastic )				
	3.2	Front wheels size	mm	se		
	3.3	Rear wheels size	mm	16 x 6 - 8		
	3.5	Wheels : number front / rear ( x = traction )		4.00 - 4		
	3.6	Track width, front	b 10 ( mm )	2 x / 2		
	3.7	Track width, rear	b 11 ( mm )	725		
	4.1	Mast tilting forward / backward	a / b	195		
	4.2	Lowered mast height	h1 ( mm )	3 / 6		
	4.3	Free lift	h5 ( mm )	2.195		
	4.4	Lifting height	h3 ( mm )	3.170		
	4.5	Extended mast height	h4 ( mm )	3.730		
	Dimensions	4.6	Free lift	h2 ( mm )	100	
4.7		Overhead guard ( cab )	h6 ( mm )	1.970		
4.8		Seat height	h7 ( mm )	950		
4.12		Coupling height	h10 ( mm )			
4.19		Total length	l1 ( mm )	2.670		
4.20		Length to forks face	l2 ( mm )	1.520		
4.21		Overall width	b1 / b2 ( mm )	850		
4.22		Forks dimensions	s / e / l	30 / 100 / 1.150		
4.23		Fork carriage Class / Type A, B		II A		
4.24		Fork carriage width	b3 ( mm )	800		
4.31		Ground clearance, under the mast	laden	m1 ( mm )		
4.32		Ground clearance, centre of wheelbase	laden	m2 ( mm )	120	
4.33		Aisle width with pallets 1000 x 1200 forking side 1200		Ast3 ( mm )	2.520	2.720
4.34		Aisle width with pallets 800 x 1200 forking side 800		Ast3 ( mm )	2.685	2.885
4.35		Turning radius	Wa ( mm )	1.170		
4.36		Smallest pivot point distance	b13 ( mm )			
Performances		5.1	Travel speed	laden / unladen	Km / h	10 / 11.5
		5.2	Lifting speed	laden / unladen	m / s	0.30 / 0.45
	5.3	Lowering speed	laden / unladen	m / s	0.45 / 0.38	
	5.5	Drawbar pull		N		
	5.6	Max drawbar pull		N	5.000	
	5.7	Gradient performance		%	10 / 15	
	5.8	Max gradient performance		%	10 / 20	14 / 19
	5.9	Acceleration time ( 10 m )		s	7.0 / 6.0	
	5.10	Service brake M ( mechanical ) I ( hydraulic ) IV ( inversion braking )			M	
	El. Motor	6.1	Traction motor, rating S2 60 min		KW	3 x 2
6.2		Lifting motor, rating S3 15%		KW	6	
6.3		Battery according DIN 43531 / 35 / 36 A, B, C, no			no	
6.4		Battery voltage, nominal capacity K5	V / Ah	24 / 460	24 / 500	
6.5		Battery weight ( ± 5 % )	Kg	400	452	
6.6		Battery consumption according VDI cycle	KWh / h			
Others	8.1	Type of travel control		INVERTER		
	8.2	Operating pressure for attachments	bar	150		
	8.3	Oil volume for attachments ( max available )	l / min	15		
	8.4	Sound level at driver's ear	dB ( A )	< 70		
	8.5	Tow coupling, type DIN				

Technical specification according 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.

servo-steering	s	side-shift	s
adjustable steering column	s	battery side extraction	s
LCD display	s	extra hydraulic function	o
BDI/hour meter with lifting cut-off at 80% discharge	s	forward/reverse double pedal	o
steering wheel position indicator	s	backwards light	o
traction speed visualization	s	working lights	o
3 different power output possibilities	s	half cabin	o
wide visibility mast	s	no marking tyres	o
s=standard		o=option	



	ERGOS III 8 TA3 AC		ERGOS III 10 TA3 AC						
	c=500 mm	c=600 mm	c=500 mm	c=600 mm					
h3	(Q) t	(Q) t	(Q) t	(Q) t					
3.170 dx	mm	2.195	3.730	100	/	0.8	0.65	1.0	0.83
3.670 dx	mm	2.445	4.230	100	/	0.8	0.65	1.0	0.83
3.970 dx	mm	2.595	4.530	100	/	0.7	0.55	0.9	0.75
4.570 dx	mm	2.920	5.155	100	/	0.6	0.5	0.8	0.65
4.370 tx ffl	mm	2.040	4.970	/	1.460	0.6	0.5	0.8	0.65
4.970 tx ffl	mm	2.240	5.570	/	1.660	0.5	0.45	0.7	0.6
5.570 tx ffl	mm	2.490	6.170	/	1.910	0.4	0.35	0.6	0.55
6.170 tx ffl	mm	2.740	6.770	/	2.160	0.4	0.3	0.6	0.5