



## **Rugged, versatile, easy to use walk behind forklift truck**

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The Focus ac walk behind forklift trucks are versatile and easy to use, ideal for intensive use. Equipped with 1.2 kW ac traction motor and cutting edge electronic control, they are powerful and highly manoeuvrable under any conditions. The machines are equipped with a traction battery of up to 375 Ah and are available in standard version with a triplex mast of up to 4,565 mm.

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### **Frame**

Made of bended sheet metal to minimise any tensions induced by welds, ensuring maximum stability and best mechanical resistance under any conditions of transport and storage. The configuration with four support points provides maximum stability. The simple pivoting wheel adjustment system helps maintaining the same grip level, compensating for any wear-out of the drive wheel. The highly visible masts and the lateral tiller ensure optimal visibility for load storage, picking and transport. The battery compartment cover is hinged, facilitating battery top-up and daily and periodical maintenance operations. Particular attention was paid to simplify the access to mechanical parts so as to minimise the routine maintenance costs.

### **Masts**

The OMG masts are made of cold extruded profiles, ensuring high resist-

ance to bending and twisting. The lift cylinders are installed outside of the mast profiles (only on triplex GAL mast) and the chains are protected to ensure perfect visibility and maximum safety. Available in simplex, duplex and triplex version with wide free lift.

### **Hydraulic functions**

The 3kW powerful and silent lift motor with high torque ration offers high performance with low power consumption. The pumps are highly efficient and very quiet. The mini joystick installed on the tiller allows the operator to lift and lower the forks without releasing the tiller.

### **Drive**

Powerful and reliable traction motors, able to satisfy even the most demanding requests for performance, providing the necessary amount of

power every time, as the speed of the truck can be adjusted by changing the position of the throttle.

## Braking system

There are three braking systems in this range:

- braking by reversing the running direction and releasing the throttle (service braking that can be adjusted from the control panel);
- emergency braking that takes place automatically if the tiller is suddenly released or lowered (electromagnetic brake);
- parking brake.

## Electronic system

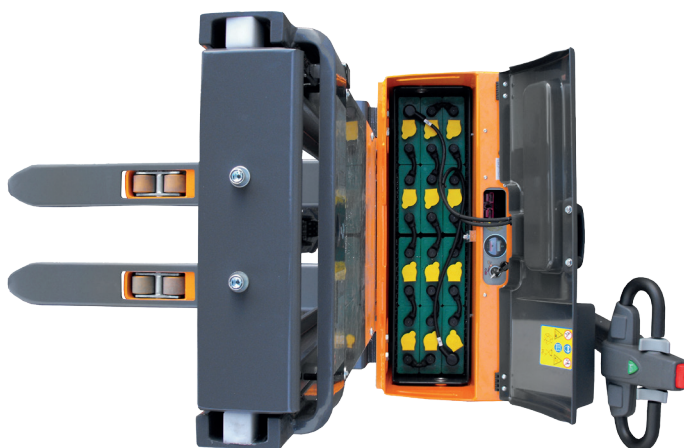
The machine are fitted with AC control with power recovery during braking, when the running direction is reversed and the control throttle is released. From this control, the operator can manage all truck's functions and carry out unlimited adjustments for performance optimisation, adapting the machine to any application, while ensuring silent operation and low power consumption at the same time.

The configuration with four support points provides optimal stability, ensuring maximum safety and comfort during load picking and storage. The mini joystick or lever (at choice) allows the operator to control the truck by simply moving his finger along the tiller, ensuring precise and smooth load lifting and lowering, without taking his hands off the tiller. The hydraulic mo-

tor with fluid adjustment system reduces the noise, ensuring at the same time smooth and precise load lifting. Enhanced lifting and lowering speed for faster operations.



The battery compartment can be easily opened by lifting the hinged cover, simplifying the daily and periodical battery recharge and check operations. The Focus ac is available with batteries of up to 375 Ah. With the wo-wa battery charger installed on-board (optional) you can recharge your truck from any socket.



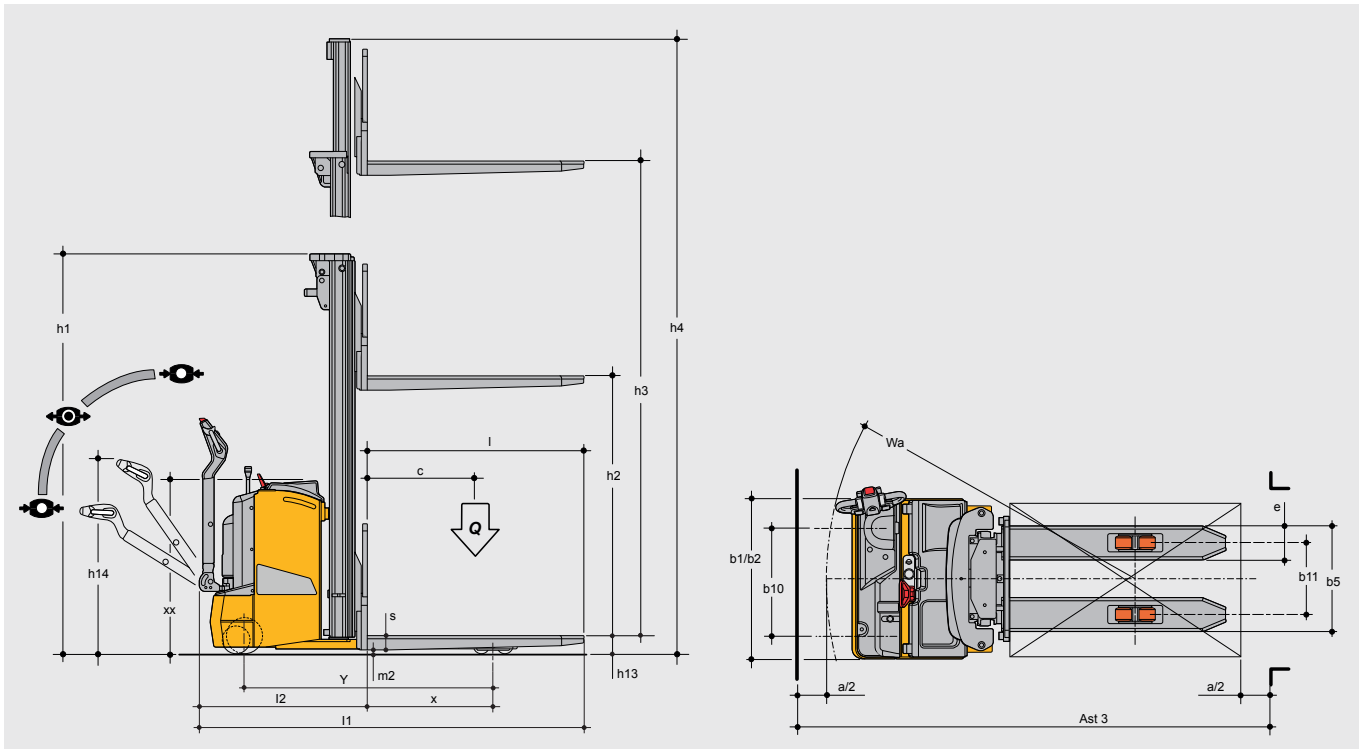
### Accessories and special features

total free lift for triplex column	access keypad with pin code	
total free lift for duplex column	anti roll-back system	
protection for cold store	electronic speed control	
capacity 1,400 Kg for GAL triplex mast	electronic braking system	
polyurethane drive wheel	electromagnetic parking brake	
low speed push-button with tiller in vertical position	voltmeter-timer, auto-lock function when 80% of the battery capacity is discharged	
double front roller	24V 35A current rectifier on-board	
mini-joystick or buttons on tiller for lifting/lowering operations	automatic battery filling system	

standard
  optional

Standard masts						Focus ac	
Description		Lowered mast height	Forks stroke	Total lifting	Lowered mast height	Free lift	
		h <sub>1</sub>	h <sub>3</sub>	h <sub>3</sub> +h <sub>13</sub>	h <sub>4</sub>	h <sub>2</sub>	
Capacity (t) (t) c=600 mm							
Simplex	mm	2,085	1,565	1,650	2,085	/	1.2
Duplex	mm	2,005	2,815	2,900	3,400	/	1.2
	mm	2,355	3,515	3,600	4,100	/	1.0
Triplex GAL	mm	1,960	4,115	4,200	4,795	1,410	0.75
	mm	2,110	4,565	4,610	5,245	1,560	0.60

\* optional



Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company
	1.2	Model			Focus ac
		Execution			
	1.3	Operation			Electric
	1.4	Operator position			at ground level
	1.5	Capacity	Q	t	1.2
		Mast lift capacity	Q	t	/
		Forks lift capacity	Q	t	/
		Forks + mast lift capacity	Q	t	/
1.6	Load centre of gravity	c	mm	600	
1.8	Load distance	x	mm	690	
1.9	Wheel centre distance	y	mm	1,310	
Weights	2.1	Truck weight incl. battery (see line 6.5)			kg 1,122
	2.2	Weight on axis with front / rear load			kg 830 / 1,490
	2.3	Weight on axis without front / rear load			kg 780 / 342
Wheels Frame	3.1	Wheels and tyres			polyurethane
	3.2	Front wheel size			mm 85
	3.3	Rear wheels size			mm 230
	3.4	Stabiliser wheels size			mm 150
	3.5	Number of front / rear wheels (x = drive)			no. 1x + 1 / 2 - 4*
	3.6	Front track	b10	mm	570
	3.7	Rear track	b11	mm	380
Base dimensions	4.2	Lowered mast height	h1	mm	2,005
	4.3	Free lift	h2	mm	/
	4.4	Forks lifting stroke	h3	mm	2,815
	4.5	Extended mast height	h4	mm	3,400
	4.6	Initial lift	h5	mm	/
	4.9	Tiller height in min. /max. driving position	h14	mm	840 / 1,240
	4.15	Forks lowered height	h13	mm	85
	4.19	Overall length	l1	mm	2,020
	4.20	Length including forks heel	l2	m	870
	4.21	Overall width	b1/ b2	mm	850
	4.22	Forks size	s/e/l	mm	70 / 180 / 1,150
	4.25	Width over forks	b5	mm	560
	4.32	Clearance at mid stroke	m2	mm	20
	4.33	Working aisle width with 1000 x 1200 transversal pallet	Ast	mm	
	4.34	Working aisle width with 800 x 1200 longitudinal pallet	Ast	mm	2,410
4.35	Turning radius	Wa	mm	1,550	
Performance	5.1	Speed with / without load			km/h 5.8 / 6
	5.2	Lifting speed with / without load			m/s 0.15 / 0.26
	5.3	Lowering speed with/without load			m/s 0.40 / 0.30
	5.8	Max. feasible gradient with / without load			% 6 / 10
	5.10	Service brake			electromagnetic
Electric motors	6.1	Traction motor, 60 min performance with S2			kW 1.2
	6.2	Lift motor, 15% performance with S3			kW 3
	6.3	Battery as per DIN 43531 / 35 / 36 A, B, C, no			DIN 43531
	6.4	K5 battery voltage, nominal capacity			V/Ah 24 / 270 -345*-375*
	6.5	Battery weight			kg 230
	6.6	Power consumption as per VDI cycle			kW/h
Miscellaneous	8.1	Type of electronic system			ac
	8.4	Noise threshold as per EN 12 053			dB(A) < 70
					* optional

Technical data sheet referring to pallet truck in standard version; data determined in compliance with VDI 2198. These values may differ if your product is fitted with other types of wheels and tires, supports and accessories. All data and images herein are indicative, OMG S.r.l. Single member company reserves the right to modify the documentation without prior notice.