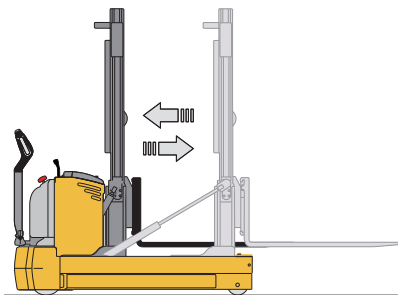


Versatile and fast electric forklift truck with tilted forks and retractable mast, ideal for narrow spaces



The 716 BLK-R walk behind Forklift trucks with tilted forks combine the agility of a traditional forklift truck with the versatility of a truck with retractable mast. The retractable mast renders this truck ideal for narrow aisles and for loads that cannot be handled by trucks with traditional forks. The various options available for this model, such as the forks support plate provided with tilting system “Tilting Forks” and the lateral forks movement render this forklift truck highly compact and versatile.

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 three support points offers unique lateral stability. The highly visible masts and the central 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 resistance to bending and twisting. The lift cylinders are installed outside of the mast profiles and the chains are protected to ensure perfect visibility and maximum safety. Available in simplex and duplex versions with standard nominal capacities of 1,600 Kg.

Electronic system

716 BLK-R is equipped with highly efficient and reliable DC electronic devices. The controls are equipped with anti roll-back devices which control and check all machine functions and allow unlimited adjustments for

performance optimisation, adapting the truck to the operation to be carried out. All electric drive and braking parameters can be set electronically from a control panel, according to customer's requirements. All models are equipped with timer and battery level indicator with auto-lock function that switches on once 80% of the battery capacity is discharged.

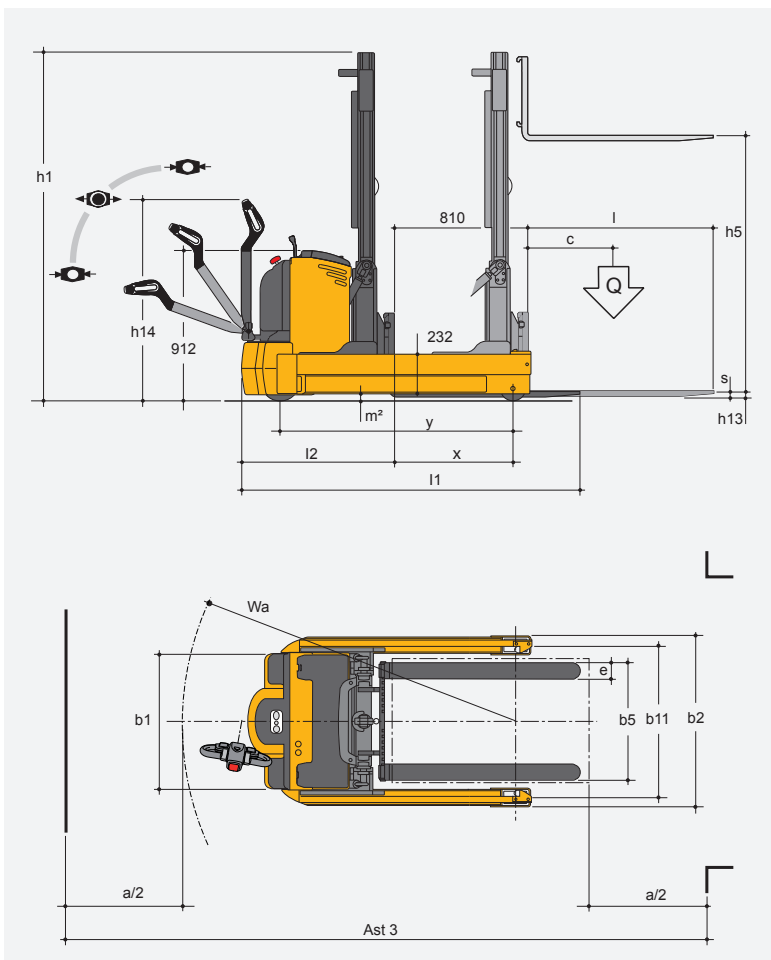
Powerful and reliable DC traction motors, able to satisfy even the most demanding requests for performance, providing the necessary amount of power every time, as the speed of the truck can be adjusted by changing the position of the throttle.

Drive

total free lift for duplex column	o	automatic battery filling system	o
push-button for low speed operation with tiller raised enabling signal	o	electronic braking system	s
buttons for lifting and lowering	o	electronic speed control	s
joystick for lifting and lowering	o	electromagnetic parking brake	s
setup for cold store	o	voltmeter-timer, lifting lock 80%	s
forks support plate "Tilting Forks"	o	access keypad with pin code	o
3 rd hydraulic way with shifter	o	current rectifier on-board	o
servo-assisted tiller	o		
s=standard		o=optional	

h3		h1	h4	h5 (*)	(Q) t
1,610 sx	mm	2,110	2,110	1,565	1.6
2,760 dx	mm	1,885	3,160	1,275	1.5
3,060 dx	mm	2,135	3,660	1,525	1.1
3,540 dx	mm	2,385	4,160	1,775	1.0

(*) optional



Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company	
	1.2	Model			716 BLK-R	
	1.3	Powertrain : E (electric)			E	
	1.4	Type of steering : T (tiller) S (steering wheel) A (walk behind) P (stand-on) R (seated)			T / A	
	1.5	Capacity	Q	t	1.6	
	1.6	Center of mass	c	mm	600	
	1.8	Load distance from front axle	X	mm	485	
	1.9	Wheel centre distance	Y	mm	1,400	
	Weights	2.1	Truck weight (with battery)		kg	1,450
2.2		Load on wheels (with load)	front/rear	kg	1,300 / 140	
2.3		Load on wheels (empty)	front/rear	kg	1,730 / 2,880	
Wheels - Frame	3.1	Tyres and wheels : plt (polyurethane) vlk (vulkollan)			plt	
	3.2	Front wheels size		mm	245	
	3.3	Rear wheels size		mm	150	
	3.4	Stabiliser wheels size		mm		
	3.5	Wheels number : front / rear (x = drive)			1x / 2	
	3.6	Front track	b10	mm		
	3.7	Rear track	b11	mm	980	
Dimensions	4.2	Lowered mast height	h1	mm	2,135	
	4.3	Free lift	h5	mm	/	
	4.4	Lifting height	h3	mm	3,060	
	4.5	Extended mast height	h4	mm	3,660	
	4.9	Tiller height in travel position (min / max)	h14	mm	840 / 1,280	
	4.15	Forks lowered height	h13	mm	40	
	4.19	Overall length	l1	mm	2,075	
	4.20	Length including fork plates	l2	mm	925	
	4.21	Overall width	b1 / b2	mm	880 / 1,100	
	4.22	Forks size	s / e / l	mm	35 / 100 / 1,150	
	4.24	Forks support plate width	b3	mm	760	
	4.25	Width over forks	b5	mm	750	
	4.32	Clearance at mid stroke	with load	m2	mm	40
	4.34	Working aisle with 800 x 1200 pallet and 800 forking	Ast3	mm	2,350	
	4.35	Turning radius	Wa	mm	1,900	
Performance	5.1	Translation speed	with load / empty	km / h	5.8 / 6	
	5.2	Lifting speed	with load / empty	m / s	0.12 / 0.18	
	5.3	Lowering speed	with load / empty	m / s	0.45 / 0.40	
	5.7	Feasible gradient (S2 30 min)		%		
	5.8	Max feasible gradient (S2 5 min)		%	10 / 15	
	5.10	Service brake M (mechanical) I (hydraulic) IV (reverse)			IV	
Motor	6.1	Traction motor, power S2 60 min		kW	2	
	6.2	Lift motor, power S3 15%		kW	3	
	6.3	Battery as per DIN 43531 / 35 / 36 A, B, C, no			no	
	6.4	K5 battery voltage, capacity		V / Ah	24 / 300	
	6.5	Battery weight (± 5 %)		kg	250	
Other	8.1	Start control type			MOS DC	
	8.4	Noise level at operator's station		dB (A)	< 70	
technical data determined in compliance with VDI 2198						
All data and images herein are indicative, OMG S.r.l. Single member company reserves the right to modify the documentation without prior notice.						