GET UP AND GROW

Electric
low lift
walk behind pallet truck
330 BE

Pallet truck with dual motor for excellent performance, ideal for use on irregular, slippery floors

The 330 BE dual motor electric pallet trucks are ideal for use on irregular and slippery floors. Equipped with a dual wheel drive system connected to a servo-assisted tiller that ensures the power necessary for the truck to overcome any bumps, ensuring optimal driving comfort.

Electronic system

330 BE 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.

Drive

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.

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.

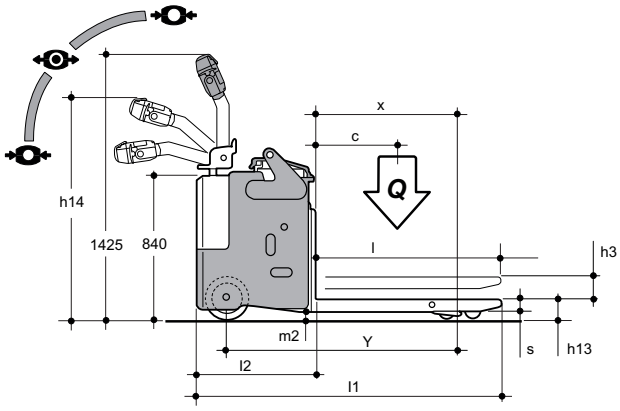
Frame

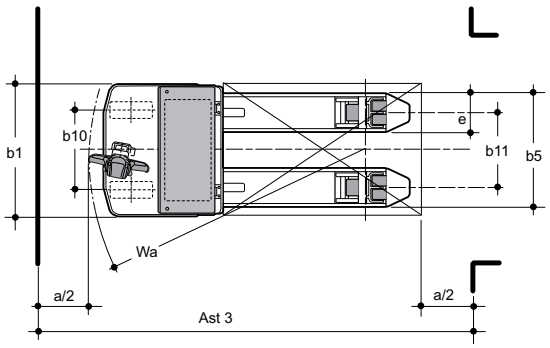
Made of bended sheet metal to minimise any tensions induced by welds, ensuring maximum mechanical resistance over time. The battery compartment can be easily opened by lifting the cover, simplifying the daily and periodical battery recharge and check operations. Particular attention has been paid to provide easy access to wear parts, minimising therefore the routine maintenance costs. The forks are made of high strength steel. The frame has been painted using cutting edge equipment.

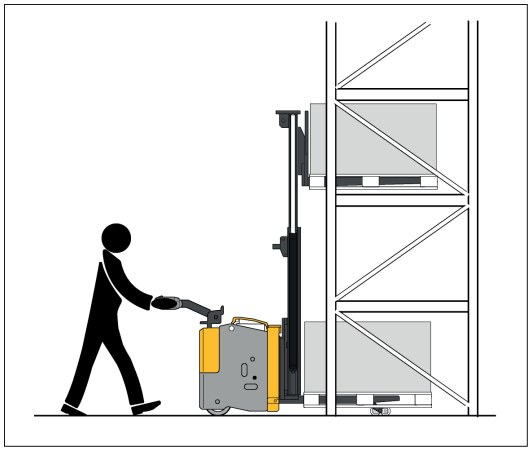
Tiller

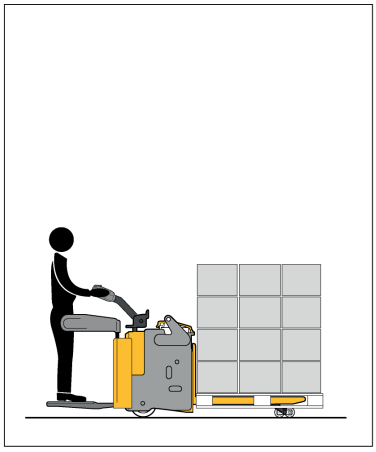
Result of a meticulous ergonomic study that combines operating comfort with modern industrial design. The tiller is fitted with easy to reach controls, ensuring enhanced productivity, precision and efficiency. When released, the tiller returns smoothly to its vertical position thanks to the gas spring fitted with slowdown limit switch.

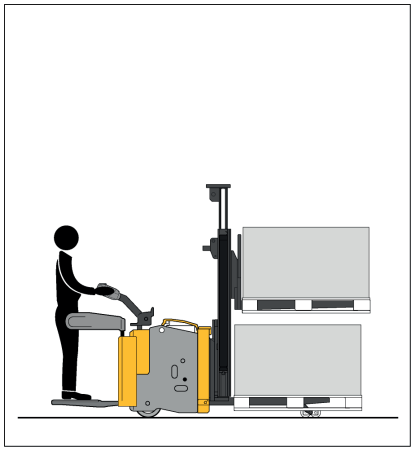
- tiller head made of ABS with steel core, able to absorb heavy impact without deformation;
- push-buttons located on both sides of the tiller for lifting and lowering the forks;
- acoustic warning button in the centre of the tiller head.











Accessories and special features			
double front roller	■	triple front roller	■
width over forks 540 mm	■	width over forks 670 mm	■
polyurethane drive wheels	■	non-slip drive wheels	■
electronic braking system	■	operator platform and lateral guards	■
electronic speed control	■	cold store guard	■
electromagnetic parking brake	■	central battery filling system with tank	■
battery level indicator-timer	■		■

■ standard ■ optional

Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company		
	1.2	Model			330 BE		
		Execution			T4 (4 rollers)		T6 (6 rollers)
	1.3	Operation			E		
	1.4	Operator position			at ground level		
	1.5	Capacity	Q	t	3.0		
	1.6	Load centre of gravity	c	mm	600		
	1.8	Load distance	x	mm	980		860
	1.9	Wheel centre distance	y	mm	1,530		1,410
Weights	2.1	Truck weight incl. battery (see line 6.5)		kg			
	2.2	Weight on axis with front / rear load		kg			
	2.3	Weight on axis without front / rear load		kg			
Wheels Frame	3.1	Wheels and tyres		mm	plt/vlk		
	3.2	Front wheels size		mm	250		
	3.3	Rear wheels size		mm	85		
	3.4	Stabiliser wheels size		mm			
	3.5	Number of front / rear wheels (x = drive)		no.	2x / 4		2x / 6
	3.6	Front track	b_{10}	mm	480		
	3.7	Rear track	b_{11}	mm	360		450
Base dimensions	4.4	Forks lifting stroke	h_3	mm	100		
	4.9	Tiller height in min. /max. driving position	h_{14}	mm	/ 1,425		
	4.15	Forks lowered height	h_{13}	mm	85		
	4.19	Overall length	l_1	mm	1,860		1,830
	4.20	Length including forks heel	l_2	mm	713		
	4.21	Overall width	b_1	mm	782		
	4.22	Forks size	s/e/l	mm	60/180/1,150		60/230/1,120
	4.25	Width over forks	b_5	mm	540		680
	4.32	Clearance at mid stroke	m_2	mm	23		
	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	2,140		2,140
	4.35	Turning radius	W_a	mm	1,720		1,600
Performance	5.1	Speed with / without load		km/h	5.8 / 6		
	5.2	Lifting speed with / without load		m/s	0.06 / 0.08		
	5.3	Lowering speed with/without load		m/s	0.26 / 0.09		
	5.8	Max. feasible gradient with / without load		%			
	5.10	Service brake			Reverse		
Electric motors	6.1	Traction motor, 60 min performance with S2		kW	2 X 2.6		
	6.2	Lift motor, 15% performance with S3		kW	2		
	6.3	Battery as per DIN 43531 / 35 / 36 A, B, C, no			no		
	6.4	K5 battery voltage, nominal capacity		V/Ah	24 / 375		
	6.5	Battery weight		kg	280		
	6.6	Power consumption as per VDI cycle		kW/h			
Miscellaneous	8.1	Type of electronic system			MOS DC		
	8.4	Noise threshold as per EN 12 053	dB	A	< 70		

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.

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