



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

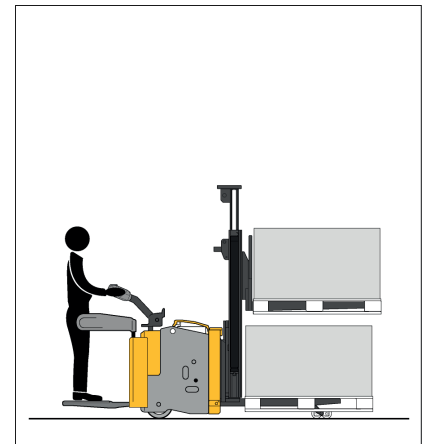
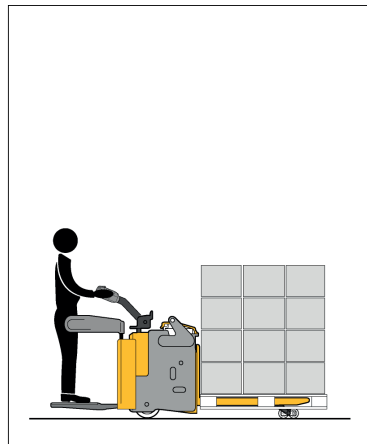
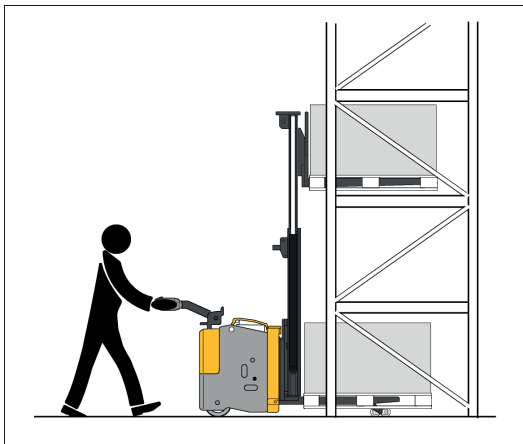
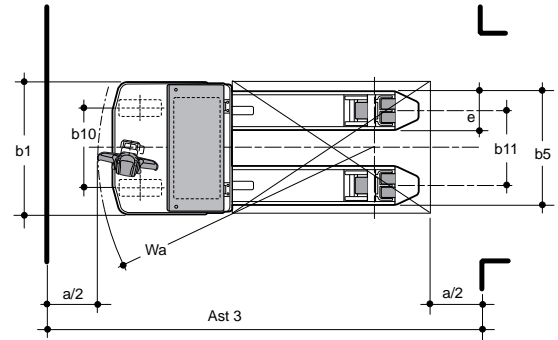
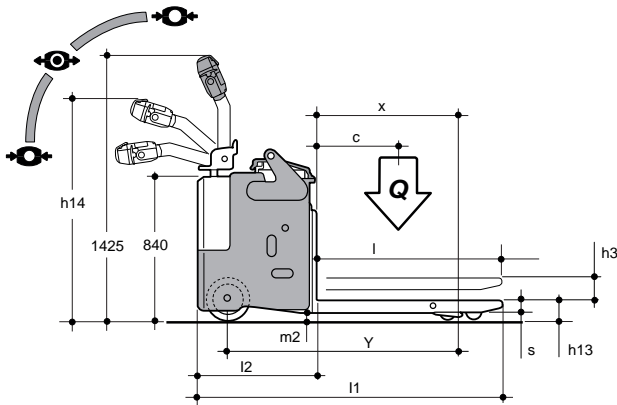
Made of bended sheet metal to minimise any tensions induced by welds, ensuring maximum mechanical resistance over time. The battery compartment can be easily opened by lifting the cover, simplifying the daily and periodical battery recharge and check operations. Particular attention has been paid to 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

width over forks 540 mm

polyurethane drive wheels

electronic braking system

electronic speed control

electromagnetic parking brake

battery level indicator-timer

triple front roller

width over forks 670 mm

non-slip drive wheels

operator platform and lateral guards

cold store guard

central battery filling system with tank

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		
	3.2	Front wheels size		mm		
	3.3	Rear wheels size		mm		
	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
	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
4.35	Turning radius		W _a	mm	1,720	
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.