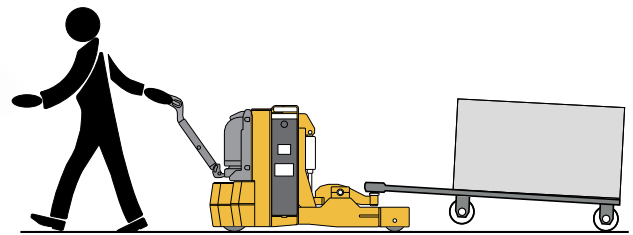




Rugged, versatile and safe walk behind electric tractor.



The 730 T are walk behind electric tractors designed as standard for towing trailers of up to 5.0 t and lifting loads of up to 3.0 t. These tractors can be used with different types of trailers. The operator can unlock the hook without releasing the tiller, minimising therefore the handling times.

Electronic system

730T 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 durability and best mechanical resistance under any conditions. 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 tow hook is

made of high strength special steel to minimise wear-out. Resistant powder coating.

Tiller

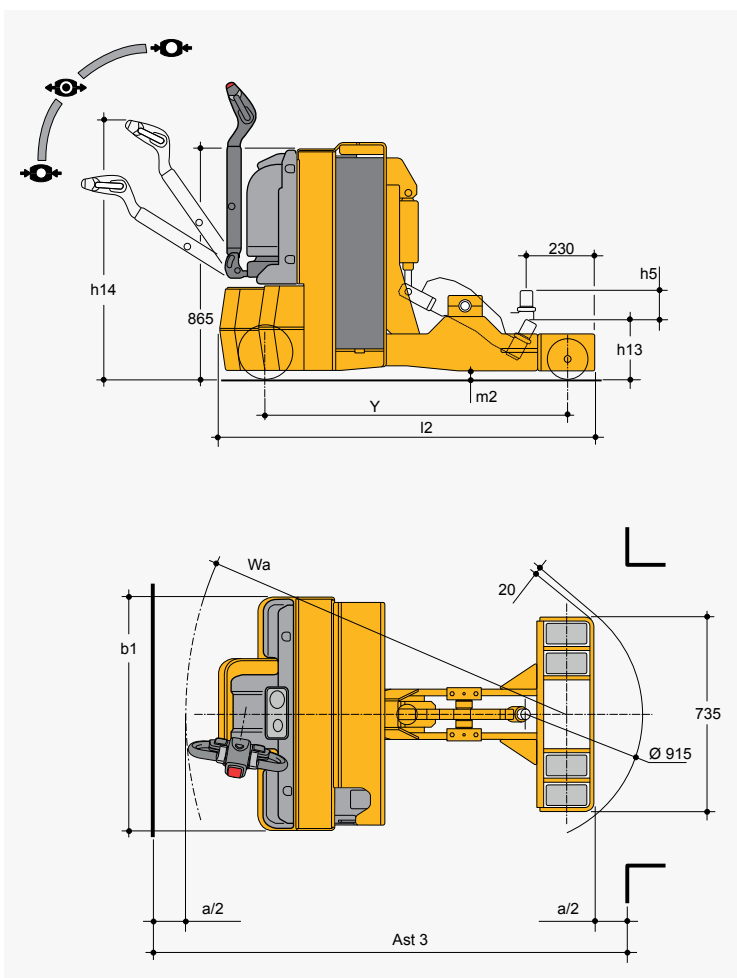
Result of a meticulous ergonomic study that combines operating comfort with modern industrial design. The tiller is fitted with easy to reach controls, ensuring enhanced productivity, precision and efficiency. When released, the tiller returns smoothly to its vertical position thanks to the gas spring 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;
- active safety system with suitably positioned anti-crush device

single front roller	s
double front roller	o
polyurethane drive wheel	s
push-button for low speed operation with tiller raised enabling signal	o
setup for cold store	o
automatic battery filling system	o
electronic braking system	s
electronic speed control	s
electromagnetic parking brake	s
voltmeter-timer, lifting lock 80%	s
access keypad with pin code	o
lateral battery extraction	s
single/double roller for battery extraction	o
s=standard	o=optional



Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company	
	1.2	Model			730 T	
	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	3.0 - 5.0	
	1.6	Center of mass	c	mm		
	1.8	Load distance from front axle	X	mm		
	1.9	Wheel centre distance	Y	mm		
	Weights	2.1	Truck weight (with battery)		kg	745
2.2		Load on wheels (with load)	front/rear	kg		
2.3		Load on wheels (empty)	front/rear	kg	510 / 235	
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 - 4(*)	
	3.6	Front track	b 10	mm		
	3.7	Rear track	b 11	mm	608	
Dimensions	4.4	Lifting height		h3	mm	
	4.9	Tiller height in travel position (min / max)		h14	mm	840 / 1,280
	4.15	Forks lowered height		h13	mm	195
	4.19	Overall length		l1	mm	
	4.20	Length including fork plates		l2	mm	1,410
	4.21	Overall width		b1 / b2	mm	880 / 735
	4.22	Forks size		s / e / l	mm	
	4.25	Width over forks		b5	mm	
	4.32	Clearance at mid stroke	with load	m2	mm	30
	4.33	Working aisle with 1000 x 1200 pallet and 1200 forking		Ast3	mm	1,800
	4.34	Working aisle with 800 x 1200 pallet and 800 forking		Ast3	mm	
4.35	Turning radius		Wa	mm	1,500	
Performance	5.1	Translation speed	with load / empty	km / h	5.8 / 6	
	5.2	Lifting speed	with load / empty	m / s	0.04 / 0.05	
	5.3	Lowering speed	with load / empty	m / s	0.26 / 0.06	
	5.7	Feasible gradient (S2 30 min)		%		
	5.8	Max feasible gradient (S2 5 min)		%	10 / 18	
	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	2	
	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	200	
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					(*) optional	
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