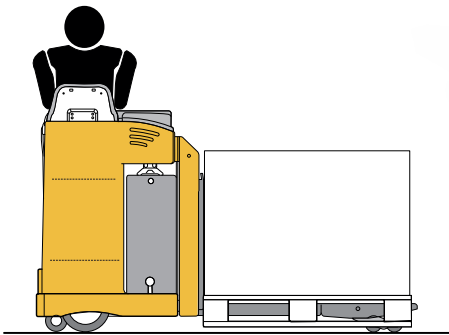


Ride-on electric pallet truck with transversal steering column, ideal for intensive use and long travel distances



The Virtus 30 R ac ride-on electric pallet trucks with transversal steering column are ideal for transporting pallets over long distances. The special ergonomic features of these machines, excellent performance of the AC motors and high battery life render them ideal for intensive use and efficient in any work environment.

Electronic system

The Virtus 30 RX ac trucks are equipped with ac electronic equipment. These controls check and enable all machine functions and allow unlimited adjustments for performance optimisation, adapting the truck to the operation to be carried out, ensuring silent operation and high performance with low power consumption. All electric drive and braking parameters can be set from a control panel, according to customer's requirements. Powerful acceleration with quick change of direction. The anti roll-back system turns on automatically when working on slopes, ensuring maximum safety for the operator.

Drive

Powerful and reliable three-phase ac 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

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. Standard lateral battery extraction system for readily replacement in case of heavy duty applications and multiple work shifts. Particular attention has been paid to

Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company	
	1.2	Model			VIRTUS 30 R ac	
					1,150 x 560	
	1.3	Powertrain : E (electric)			E	
	1.4	Type of steering : T (tiller) S (steering wheel) A (walk behind) P (stand-on) R (seated)			S / R	
	1.5	Capacity	Q	C	3.0	
	1.6	Center of mass	c	mm	600	
	1.8	Load distance from front axle	X	mm	980	
	1.9	Wheel centre distance	Y	mm	1,612	
Weights	2.1	Truck weight (with battery)		kg	1,233	
	2.2	Load on wheels (with load)	front/rear	kg	1,372 / 2,861	
	2.3	Load on wheels (empty)	front/rear	kg	924 / 309	
Wheels - Frame	3.1	Tyres and wheels : plt (polyurethane) vlk (vulkollan)			plt	
	3.2	Front wheels size		mm	245 / 150	
	3.3	Rear wheels size		mm	85	
	3.4	Stabiliser wheels size		mm	150	
	3.5	Wheels number : front / rear (x = drive)			1x + 2 / 4	
	3.6	Front track	b 10	mm	600	
	3.7	Rear track	b 11	mm	380	
Dimensions	4.4	Lifting height	h3	mm	120	
	4.9	Tiller height in travel position (min / max)	h14	mm		
	4.15	Forks lowered height	h13	mm	90	
	4.19	Overall length	l1	mm	2,043	
	4.20	Length including fork plates	l2	mm	894	
	4.21	Overall width	b1 / b2	mm	950	
	4.22	Forks size	s / e / l	mm	60 / 180 / 1,150	
	4.25	Width over forks	b5	mm	560	
	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		
	4.34	Working aisle with 800 x 1200 pallet and 800 forking	Ast3	mm	2,280	
4.35	Turning radius	Wa	mm	1,880		
Performance	5.1	Translation speed	with load / empty	km / h	9.0 / 10.5	
	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)		%	6 / 15	
	5.10	Service brake M (mechanical) l (hydraulic) IV (reverse)			IV	
Motor	6.1	Traction motor, power S2 60 min		kW	2.6	
	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 - 320 / 460 / 500	
	6.5	Battery weight (± 5 %)		kg	300	
Other	8.1	Start control type			ac	
	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.						