POWER PALLET TRUCK INOX KG 1600 EPT-16

Model	**CTI7001**: Sandblasted stainless steel finishing, for the **food sector** **CTI7002**: Sandblasted stainless steel finishing, for the **pharmaceutical sector**
Dimensions mm	710 x 1698 H 1070
Fork dimensions mm	1150 x 540
Capacity kg	1600
Lift height mm	110
Steering wheels	Non-slip non-marking polyurethane (75 Shore)
Front single loading rollers	Nylon-polyurethane
Propulsion	Electric
Lift	Manual
Weight kg	480
Material	Stainless steel AISI 304

TECHNICAL FEATURES:

- Central drawbar guide
- Accompanied operator
- Drive wheel in central position in non-slip non-marking polyurethane (75 Shore)
- Single nylon front roller with polyurethane cover voltmeter-hour counter with blocking of lifting at 80% of the discharge
- Instrument panel cover in transparent plastic, IP65 protection
- Cold room protection -20 °
- Hydraulic oil for the food industry NSF H1
- Quick release system
- Lateral battery removal
- 24V 150Ah traction battery complete with gas recovery system
- 2 ex filters specially installed to filter gases
- The automatic topping up of the battery takes place via a female quick coupling (supplied as standard) connected to a non-toxic tube that takes distilled water from the tank (supplied), filled if necessary, and dispensed through a special tap
- External battery charger that is connected via an electric cable with a panel and Schuko socket
- External 24V 20A current rectifier
- 70-110 microns glass microspheres stainless steel finish treatment

DESCRIPTION:

Power pallet truck in stainless steel suitable for handling goods horizontally, in production areas and warehouses with limited spaces thanks to the reduced length of the machine body (12) of only 548 mm. Entirely built in AISI 304 stainless steel (frame, pins, levers ..), it offers the best conditions for use in humid and corrosive environments, satisfying the highest hygiene requirements. For this reason, the trolley is optimal for use in the food, chemical and pharmaceutical industries.

The machine is IP designed to be subjected to regular cleaning with high pressure washing and thanks to its watertight seal the internal electronic elements are protected from infiltration of water and solvents. The standard execution allows use in cold rooms down to -20 ° C and the use of NSF H1 certified hydraulic oil for the food industry offers a guarantee of protection in case of accidental contact with the product.

The three-phase AC sensorless traction motor (reliable and powerful) is able to satisfy the most demanding performance requirements,

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delivering the necessary power in every load situation as the travel speed depends exactly on the position of the throttle. Equipped with AC electronic systems able to operate even at high temperatures (on control and / or motor) and with anti roll-back devices; the inverter controls all the functions of the machine and allows infinite adjustments to optimize performance based on the work performed. The traction and braking parameters are electronically adjustable through a programming console that can be customized for the customer.

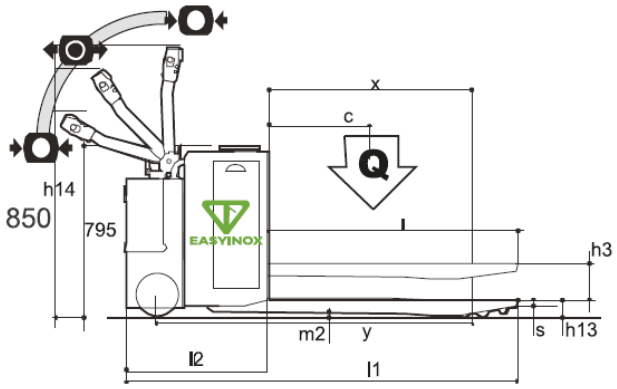
The drive wheel is in non-slip non-marking polyurethane (optional, sculpted on request) and guarantees maximum grip on slippery and wet surfaces, while the sprung and adjustable stabilizing wheels distribute the support force according to the driving situation, guaranteeing adherence to the always optimal soil.

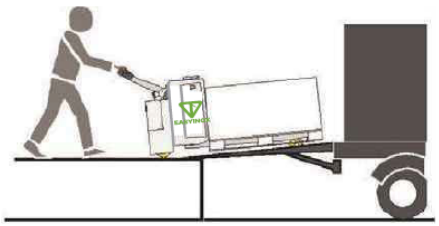
There are 3 braking systems:
- braking when reversing the direction of travel (service braking)
- emergency braking which occurs automatically when the steering tiller is released or completely lowered by means of an electromagnetic brake
- parking braking with steering tiller in vertical position

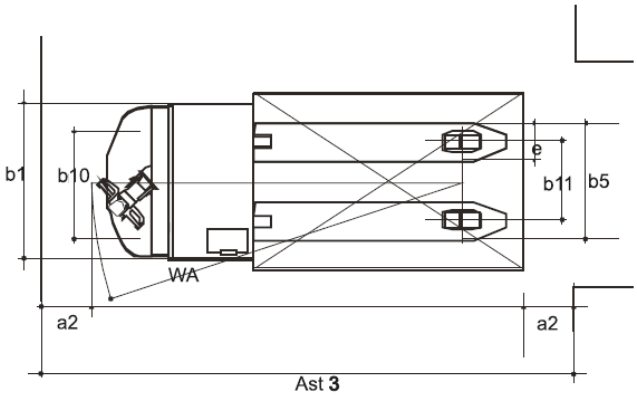
OPTIONALS:

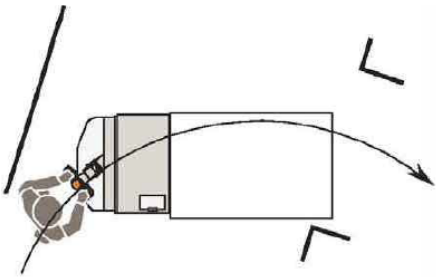
- AISI 316 stainless steel
- Double loading rollers
- Tailor-made fork length and outer gauge
- Treatment for the pharmaceutical sector or cleanroom: satin stainless steel finish

TECHNICAL DESIGN:









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Caratteristiche	1.1	Costruttore			Italiana Carrelli elevatori srl	
	1.2	Modello			EPT-16	
		Esecuzione			1.150x540	980x670
	1.3	Alimentazione			E	
	1.4	Posizione operatore			a terra	
	1.5	Portata	Q	t	1,6	
	1.6	Baricentro del carico	c	mm	600	500
	1.8	Distanza del carico	x	mm	980	810
	1.9	Interasse ruote	y	mm	1.378	1.245
Pesi	2.1	Peso proprio incl. batteria (vd. riga 6.5)		kg	480	
	2.2	Peso sull'asse con carico ant. / post.		kg		
	2.3	Peso sull'asse senza carico ant. / post.		kg		
Ruote Telaio	3.1	Gommatura (antiscivolo)		mm	poliuretano	
	3.2	Dimensione ruote anteriori		mm	230x75	
	3.3	Dimensione ruote posteriori		mm	82x90	
	3.4	Dimensioni ruote stabilizzatrici		mm	100x50	
	3.5	Numero ruote anteriori / posteriori (x = trazione)		n°	(1x +2) / 2 (4)	
	3.6	Carreggiata anteriore	b10	mm	466	
	3.7	Carreggiata posteriore	b11	mm	360	490
Dimensioni base	4.4	Corsa di sollevamento forche	h3	mm	110	
	4.9	Altezza timone in posizione di guida min. / max.	h14	mm	920-1.070	1.220
	4.15	Altezza forche abbassate	h13	mm	85	
	4.19	Lunghezza totale	l1	mm	1.698	1.528
	4.20	Lunghezza incluso tallone forche	l2	mm	548	
	4.21	Larghezza totale	b1	mm	710	
	4.22	Dimensioni forche	s/e/l	mm	60/180/1.150	60/180/980
	4.25	Scartamento esterno forche	b5	mm	540	670
	4.32	Luce libera a metà passo	m2	mm	20	
	4.33	Larghezza corsia di lavoro con pallet 1000 x 1200 trasversale	Ast	mm		2.008
	4.34	Larghezza corsia di lavoro con pallet 800 x 1200 longitudinale	Ast	mm	2.178	
	4.35	Raggio di curvatura	Wa	mm	1.480	1.310
Prestazioni	5.1	Velocità di traslazione con / senza carico		km/h	5,8 / 6,0	
	5.2	Velocità di sollevamento con / senza carico		m/s	0,04 / 0,05	
	5.3	Velocità di abbassamento con / senza carico		m/s	0,26 / 0,16	
	5.8	Pendenza max. superabile con / senza carico		%	8 / 15	
	5.10	Freno di servizio			Elettrico-inversione	
Motori elettrici	6.1	Motore di traslazione, prestazione con S2 60 min		kW	1,2	
	6.2	Motore di sollevamento, prestazione con S3 15%		kW	1	
	6.3	Batteria secondo DIN 43531 / 35 / 36 A, B, C			DIN	
	6.4	Voltaggio, capacità nominale batteria K5		V/Ah	24/ 150	
	6.5	Peso batteria		kg	155	
	6.6	Consumo energia secondo ciclo VDI		kW/h		
Varie	8.1	Tipo impianto elettronico			ac	
	8.4	Soglia rumore secondo EN 12 053, orecchio operatore		dB(A)	< 70	
					* optional	

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