



Steering handle

Sealed multifunction tiller arm (IP65) suitable for high-pressure cleaning and disinfection. All the controls on the handle are easy to reach ensuring productivity and precision and so greater efficiency. When released, the handle returns to the vertical position without bumping or rebound, thanks to a gas spring with integrated braking system. The push button for vertical operation assists the operator to safe manoeuvre the truck in narrow spaces also inside the lorries.



Pedestrian low lift pallet truck

13-T



The fully electric "hand pallet truck", with its short chassis length (394 mm) and width (710 mm), is ideal for shunting loads in narrow spaces.

The unit is equipped with 2 gel batteries 12V 75Ah and built-in charger 24V 10A that can be plugged into any standard plug socket. The instrument panel is protected by a corrosion-proof and washable transparent plastic cover to grant the maximum level of hygiene, available also by stainless steel cover (as option). The 3-colour LED battery monitor shows the battery discharge status at all times.



The maintenance is easier thanks to the opening in the chassis which allows an easy access to the drive compartment and the checking of the traction wheel with no need to lift the unit.



Special applications: clean rooms, laboratories and others on request.



The pedestrian low lift pallet truck completely ecological

The BADA 13-T is the entry model for the electric powered range of pedestrian pallet trucks able to load up to 1.3 t capacity with minimal effort in light to medium-duty applications. Compact, light and manoeuvrable, designed and projected to work in tight spaces and inside the lorries, it is ideal for loading and unloading operations. 100% stainless steel AISI 304 or 316, all the components as chassis, axes, levers, lifting cylinders, masts are manufactured in stainless steel to grant the protection of the products and the resistance to corrosion in the aggressive and corrosive environments. With this specification, the truck is ideally suited for the use in the food handling, clean rooms and laboratories in the chemical industries such as pharmaceutical, biomedical, cosmetics, aeronautics and microelectronics.

Compact desing and cleaning-friendly

The high quality stainless steel (version AISI 316 available with improved corrosion resistance to sea water and corrosive environments) offers an abrasion-resistant and smooth surface even with intensive use avoiding dirt deposits and the spread of germs and bacteria. The unit has been designed and built to withstand regular high-pressure cleaning and disinfection. The water is able to flow over the surface and the hard-wearing seals prevent the entrance of fluids or water into the drive compartment. All the electric components are waterproof and corrosion-proof. The standard execution allows to work in -20° cold storage areas (cold storage) and the use of the hydraulic oil food grade NSF-H1 offers a full protection of the food in case of any random contact.

Drive and electronic system

The drive motor is able to meet the most demanding performance requirements delivering the necessary power under all conditions as the traction speed exactly depends on the position of the drive throttle. The unit is equipped with anti rollback devices, the control checks all the units functions and allow many adjustments to optimise the units performances, adapting it to the type of work application it has to carry out. All the parameters related to drive and electric braking are electronically adjustable by a programming console in accordance with the customers requirements.

Optional working on slippery and wet surfaces

The antislippery no-marking polyurethane traction wheel (rough wheel available as option) grants high stability in every travel situation and the suspended adjustable support wheels always grant constant grip to the floor.

Braking system

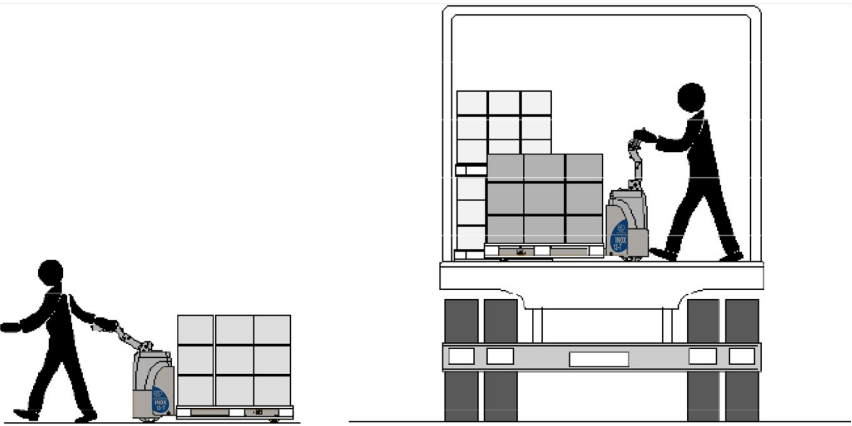
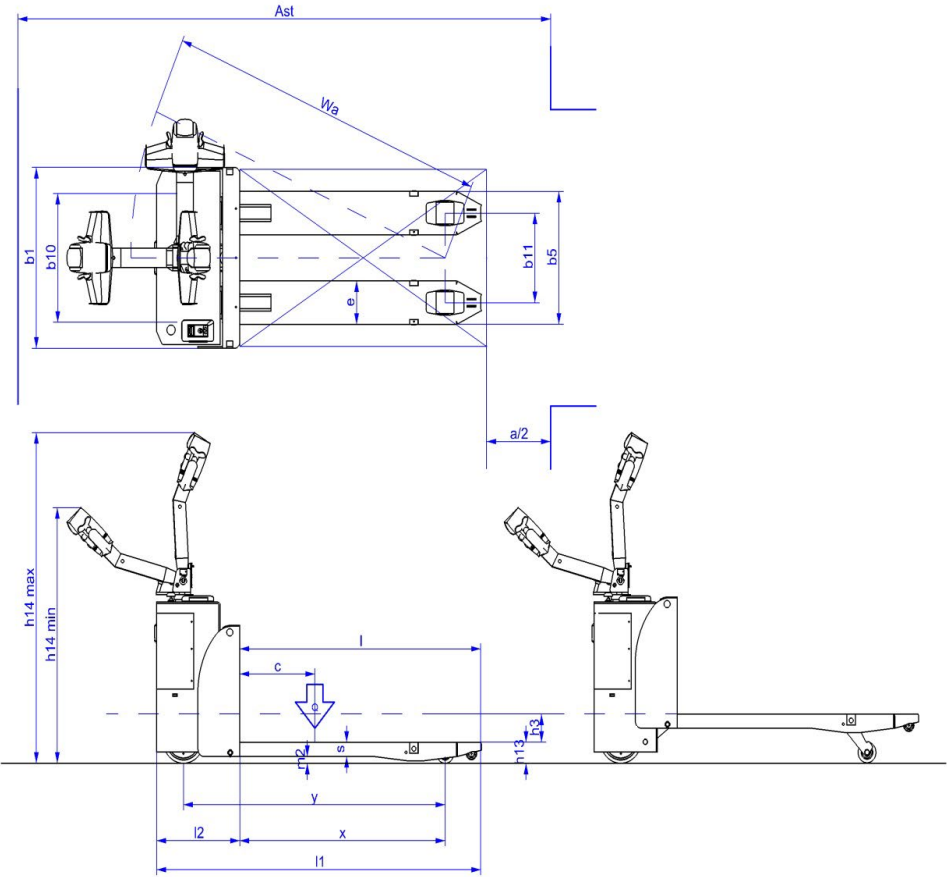
There are three braking systems:

- braking on reversal of direction of travel (service braking);
- emergency braking which automatically occurs on release or extreme lowering of the steering handle;
- parking brake with steering handle in the vertical position.

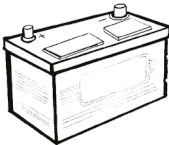


BADA BeNeLux - ACD Handling
Breedveld 37 - 1702 Groot-bijgaarden - Belgium
Tel. +32 (0)2 474.38.48 - Fax. +32 (0)2 474.38.40
Email: info@acdhandling.be
www.acdhandling.be

Characteristic	1.1	Manufacturer			Italiana Carrelli elevatori srl	
	1.2	Model			13-T	
		Execution				
	1.3	Drive			E	
	1.4	Operator type			pedestrian	
	1.5	Load capacity / rated load	Q	t	1.3	
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance (centre of load axle to fork face)	x	mm	980	
	1.9	Wheelbase	y	mm	1.220	
Weights	2.1	Service weight incl. battery (see line 6.5)		kg	314	
	2.2	Axle loading, laden front/rear		kg	470 / 1.096	
	2.3	Axle loading, unladen front/rear		kg	232 / 52	
Wheels Chassis	3.1	Tires		mm	polyurethane	
	3.2	Tire size, front		mm	200x70	
	3.3	Tire size, rear		mm	82	
	3.4	Additional wheels dimensions		mm	100	
	3.5	Wheels, number front / rear (x = driven wheels)		n°	(1x +2) / 2	
	3.6	Track width, front	b10	mm	487	
	3.7	Track width, rear	b11	mm	360	
Basic dimensions	4.4	Lift	h3	mm	110	
	4.9	Height of tiller arm in drive position min. / max.	h14	mm	950 / 1.270	
	4.15	Forks lowered height	h13	mm	85	
	4.19	Overall length	l1	mm	1.545	
	4.20	Length to face of forks	l2	mm	394	
	4.21	Overall width	b1	mm	730	
	4.22	Forks dimensions	s/e/l	mm	60/180/1.150	
	4.25	Width over forks	b5	mm	540	
	4.32	Ground clearance, centre of wheelbase	m2	mm	25	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast	mm		
	4.34	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	1.745	
	4.35	Turning radius	Wa	mm	1.480	
Performances	5.1	Travel speed laden / unladen		km/h	5 / 5.8	
	5.2	Lifting speed laden / unladen		m/s	0.05 / 0.06	
	5.3	Lowering speed laden / unladen		m/s	0.26 / 0.06	
	5.8	Max gradient performance		%	10 / 20	
	5.10	Service brake		elettromagnetic		
Electric Motor	6.1	Traction motor, rating S2 60 min		kW	0.9	
	6.2	Lift motor, rating S3 15%		kW	0.5	
	6.3	Battery according to DIN 43531 / 35 / 36 A, B, C, no		no		
	6.4	Battery voltage, nominal capacity K5	V/Ah	2x12V / 80Ah		
	6.5	Battery weight	kg	2x24		
	6.6	Energy consumption according to VDI cycle	kW/h			
Others	8.1	Type of drive control			dc	
	8.4	Sound level at driver's ear according to EN 12 053		dB(A)	< 70	
					* optional	
Technical specification according to VDI 2198, technical values are referred to the standard product. Different masts, different tires, additional equipment, etc. could produce other values. Information and data are given for information only, Italiana Carrelli elevatori srl will have the sole right for technical changes and improvements without giving any notice.						



COLD STORE EXECUTION PROTECTION



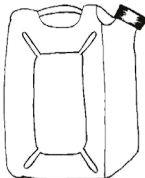
SIDE BATTERY EXTRACTION



COMPLETELY WASHABLE



CLEANING AND HYGIENE



NSF- H1 HYDRAULIC OIL



CUSTOM PRODUCTS

Options package			
stainless steel AISI 304	●	electromagnetic parking braking	●
instrument panel protected by stainless steel cover	●	electronic speed control	●
stainless steel AISI 316	●	anti roll-back system	●
double load wheels	●	electronic braking	●
external forks width 670 mm	●	-20° cold store execution	●
forks length over 1.150 mm	●	hydraulic oil food grade NSF H1	●
anti slippery no-marking polyurethane traction wheel	●	semi-traction batteries 2 x 12V 80Ah & built-in charger	●
push button for vertical operation	●	external charger 24V 10A	●

● Standard

● Optional