

PLATFORM P500 LADDER ELECTRICPORTER

FANTOZZI

moving safe. at work



General features and advantages

FANTOZZI P500 LADDER has been studied to increase the safety and productivity during the 1st level pickings. When the number of pickings is important, the operator can stock them on the ladder shelves or on the platform extension; in any case the operator has space enough to drive comfortably to the next picking.

Intensive use

The high numbers of scheduled working handlings and meanwhile the unexpected emergencies and precision, need reliable tools always versatile and available to carry-out continuous work by granting high quality levels. Slim and strong FANTOZZI P500 LADDER is suitable to drive into small and complex ways; working proof resistant inside the stocking area and factories on flat floors. Possibility to equip the machine with quick battery change: it allows the machine to work on several shifts (pict. 1).

Increase on productivity

FANTOZZI P500 LADDER answers the modern concept of logistic and goods handling which require more and more skilled and dedicated working instruments suitable to reach the best compromise between working time, working quality & precision, and operator's safety & satisfaction.

During handling of unpacked goods or single pieces – without pallets or loading units – the platform P500 with ladder produces a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

Driving & picking comfort

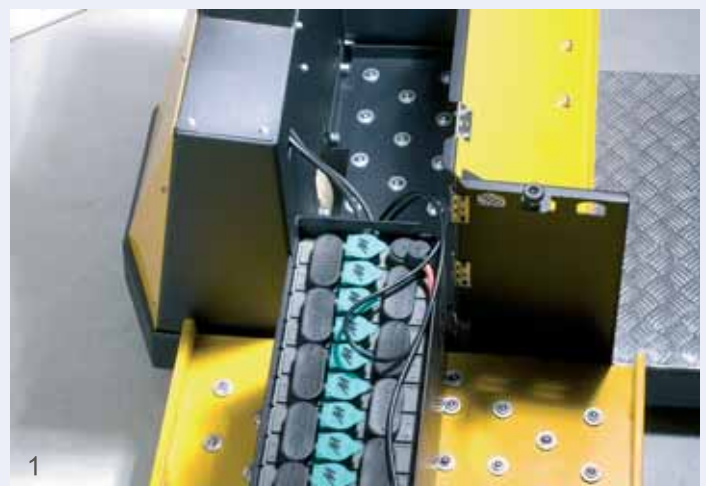
FANTOZZI P500 LADDER has comfortable driving position, easy access to the operating control unit and limited height of the platform: these allow the operator to drive longtime on safety and correct position, in accordance with ergonomic standards.

The available space on the platform (space also on ladder shelf or platform extension) helps the operator in loading the goods and makes the operator's driving position comfortable.

Accessories such as book-holder or wire basket make the daily operations easier.

Maximum safety for operators, goods and environment
The modern concept of safety is not only limited to the operator but to the complete "system": operator, goods, environment.

FANTOZZI P500 SCALA is studied in accordance with current regulations as for accident-prevention, limited vibrations, industrial health, common protection etc, but mainly thinking on ethic responsibility and reliability as for working satisfaction and appreciation of human resources.



1. Nonskid iron platform with adjustable rubber feet. To change the battery is necessary to open the compartment, to run the discharged battery along the platform and to set the battery charged. The quick change means considerable time saving and consequent increase in productivity.

Technical / manufacturing features

Motor

Equipped with 1200W motor
Speed 12 Km/h - loading capacity 700 Kg. - towing capacity 300 Kg.

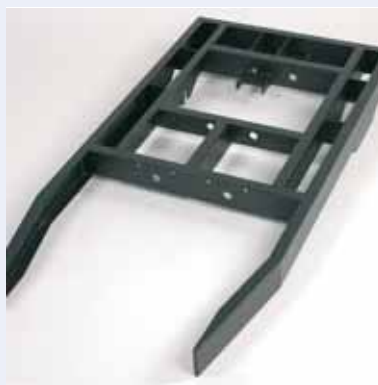


Differential gear

Differential gear complete with shafts.
The aluminium adapter and the shafts are a single element.
Shafts have supports connected to the aluminium adapter in order to make the structure safer.

Chassis

Strong structure made of Fe37 with black embossing non-scratch epoxy painting.
The structure reinforcements guarantee the maximum vehicle's reliability.

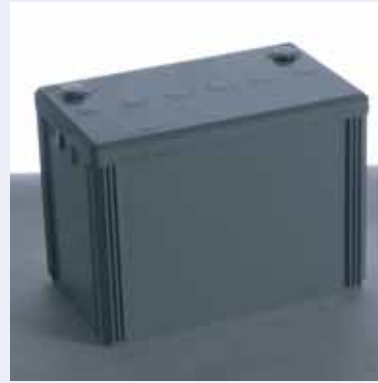


Electronic control unit

The electronic control unit allows the speed, braking, acceleration adjustments: these parameters customize the use of FANTOZZI P500 LADDER.

Battery

One traction battery: 24V 120Ah hermetic and no-maintenance (8 hours endurance).
Alternative one traction battery 24V 240Ah (12 hours endurance).
All kinds of batteries do not release fumes during the charge.



Gel battery

P500 LADDER with ladder can be equipped with 4 gel batteries 6V 180Ah (8 hours endurance).

Service brake

The electricporter stops gradually by releasing the manipulator: the motor has a gradual counterbrake and finally the service brake enters automatically.



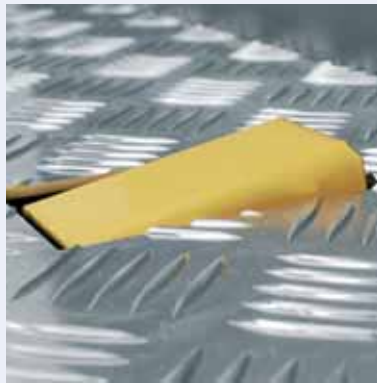
Emergency brake

The brake lever placed on left manipulator makes the emergency braking.

The emergency braking is necessary to avoid accidents inside the factory.

Driver detection sensor

On driving platform there is a pedal: if pressed it moves the machine, if released it assures the machine stop on total safety.



Control unit

Intuitive, simple and effective, it includes:

- Forward and backward speed button
- Light switch
- Charge indicator display
- Warning buzzer
- Emergency button (to stop the vehicle immediately)
- Starting key.

Ladder

FANTOZZI P500 LADDER can be equipped with a wide range of ladders. Ladders are made of iron and are available on following length: 800, 1200, 1400, 1600 mm.



Shelves:

In order to increase the product value and to make the picking operations easier, Fantozzi offers a shelf to be placed on ladder in accordance with customer's request (on the handrail top, on the latest step etc.).



Optionals

Flashing light
Iron tubular structure with flashing light and turning led.



Front wheel guard
Iron bar: rust-proofing treatment, powder painting



Towing hook
Painted iron towing hook complete with bolts and nuts for fixing



Book holder
Plastic transparent structure with sheets clip and fixing screws.



Wire basket
Wire basket made of chromate rust-proofing stainless-steel.

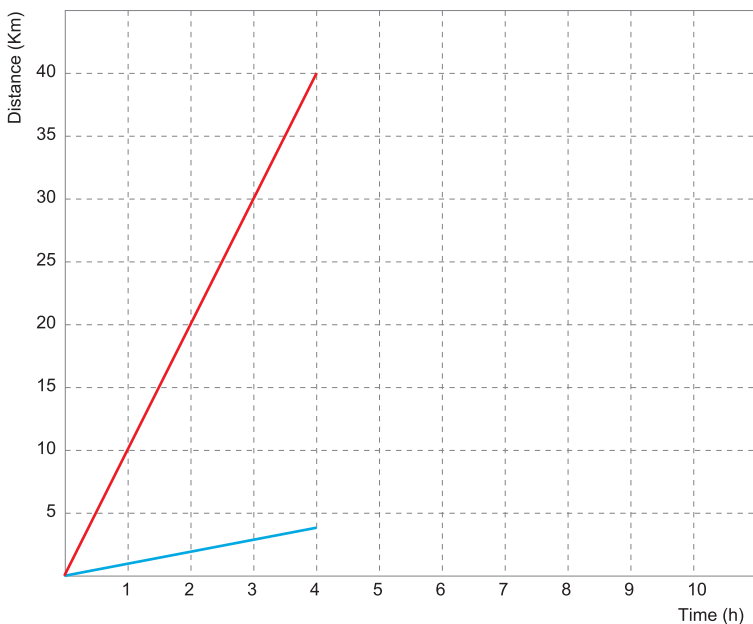
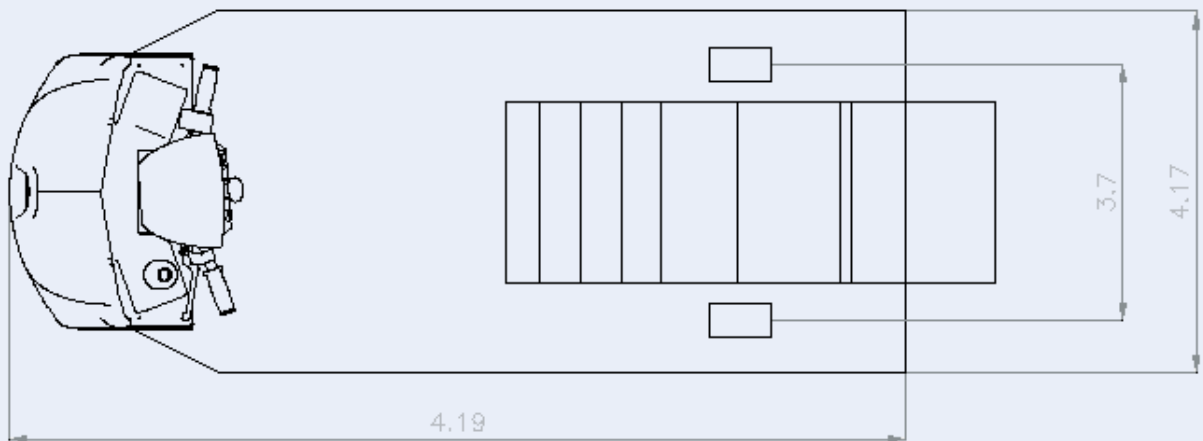
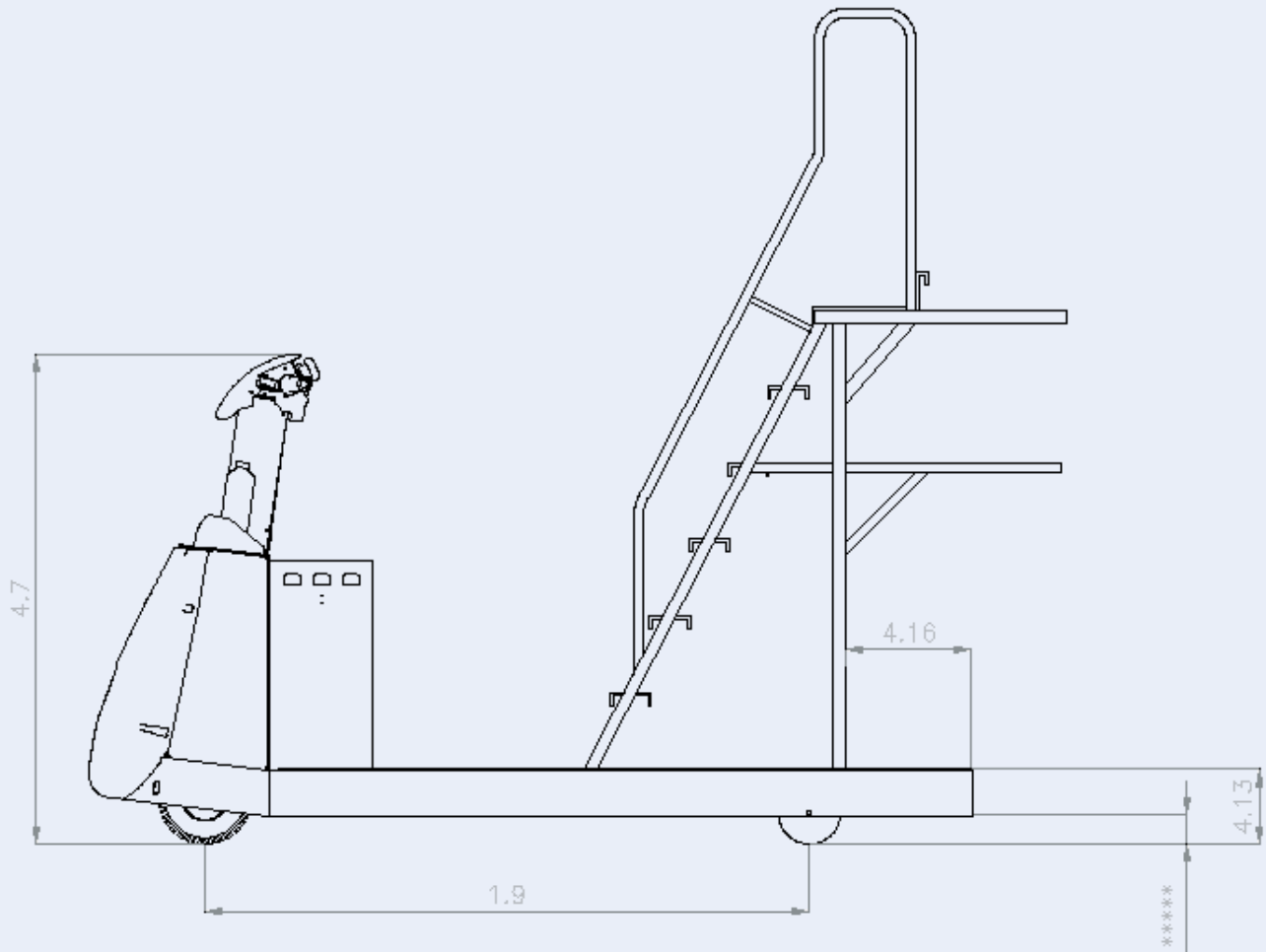


Technical features

VDI 2198

Features	1.1	Manufacturer	Fantozzi		
	1.2	Model	P500 LADDER		
	1.3	Traction	Electric		
	1.4	Type of driving	Standing on board		
	1.5	Loading capacity	Q (t)	7	
Weights	1.9	Wheel axis	y (mm)	1440	
	2.1	Weight including batteries	Kg	330	
Wheels / structure	3.1	Tyres (superelastic, pneumatic..)	SE		
	3.2	Front wheel dimensions	3.00- 4		
	3.3	Rear wheel dimensions	3.00- 4		
	3.5	Front wheel number (X=traction)	1		
	3.5.1	Rear wheel number (X=traction)	2		
	3.7	Rear wheel track	b ₁₁ (mm)	588,5	
	Basic dimensions	4.7	Operator's protection height (cab)	h ₆ (mm)	1160
4.8		Operator's seat height (cab)	h ₆ (mm)	/	
4.13		Platform height (without loading)	h ₁₁ (mm)	260	
****		Clearance	h ₁₁ (mm)	150	
4.16		Loading platform length	l ₃ (mm)	600	
4.17		Loading platform width	b ₉ (mm)	850	
4.19		Total length	l ₁ (mm)	2100	
4.21		Total width	b ₁ (mm)	850	
		Working aisle width	(mm)	1100	
		Intersecting aisle width	(mm)	4600	
		Minimum rack width between 2 working aisles	(mm)	800	
		90° Turning radius	(Wa mm)	3920	
* Performances	5.1	Driving speed with full loading	1:11	10,5 km/h	9%
			1:16	7 km/h STD	14%
			1:22	5 km/h	20%
	5.1.1	Driving speed without loading	1:11	10,5 km/h	9%
			1:16	7 km/h STD	14%
			1:22	5 km/h	20%
	5.8	Max. grade with full loading	1:11	10,5 km/h	9%
			1:16	7 km/h	14% STD
			1:22	5 km/h	20%
	5.10	Service brake	Electromec. + Mec.		
Electric motor	5.11	Parking brake	Electromechanical		
		Emergency brake	Electromechanical		
		Driver detection sensor	Mechanical		
	6.1	Traction motor - capacity KB 60 min	kW	1,2	
6.3	Battery	24V 120Ah			
6.4	Battery tension	U V	24V		
6.4.1	Battery capacity	K 5 Ah	120Ah		
6.5	Battery weight	Kg	120		
Others	8.1	Kind of transmission	1:11	10,5 km/h	9%
			1:16 STD	7 km/h	14%
			1:22	5 km/h	20%
	8.4	Average noise for the operator	dB (A)	< 70	
	8.6	Steering gear	Mechanical		
	Vibrations to the operator	< 2,5 m/s ²			

* the performances refer to the vehicle in perfect conditions, with charged battery and regular motor maintenance



Easy and safe picking Production increased.

With Fantozzi P500 LADDER platform you arrive long before and arrive higher. Today the 1st level picking is mainly manual, P500 LADDER removes the efforts of towing ladders and makes the operation faster, safer and in accordance with modern handling systems: this means increase on productivity.

— man walking towing a ladder
— P500 LADDER

Safe working. You can! You must!

ELECTRICPORTER RANGE 2007



TRACTORS



PLATFORMS



SCOOTERS



HOSPITAL



EC CERTIFICATION



IN ACCORDANCE
WITH 626 LAW



1000 Kg.
MAXIMUM LOADING



80 cm.
WAY WIDTH



2500 Kg.
TOWING CAPACITY

FANTOZZI

moving safe. at work

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