

# PLATFORM P500

ELECTRICPORTER

**FANTOZZI**

moving safe. at work



## General features and advantages

FANTOZZI P500 is a modern and versatile platform studied for goods transport and picking. The wide loading platform 1000x1430 mm. allows the loading of goods on board by increasing the Company's productivity and efficiency.

### 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 granting high quality levels. Slim and strong FANTOZZI P500 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.

### Increase on productivity

FANTOZZI P500 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 electricporter P500 produces a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

### Driving comfort

FANTOZZI P500 has comfortable driving position, easy access to the operating control unit, limited height of the platform and comfortable adjustable seat (optional): these allow the operator to drive longtime on safety and correct position, in accordance with ergonomic standards. Accessories such as book-holder or wire basket make the daily operations easier. The driving positions answer the handling needs and frequent stops; getting-off and getting-on the vehicle several times: standing-on or seated on board.

Maximum safety for operator, 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 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.



## Technical / manufacturing features

### Motor

P500 is 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  
platform.

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

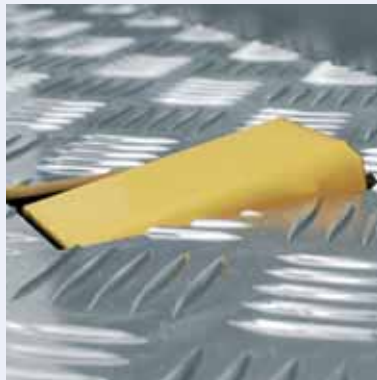
### Service brake

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



### 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.



### Design

FANTOZZI P500 has modern and practical design. The rounded lines make the vehicle comfortable, safe and reliable.



### Emergency brake

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

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



### 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.



### Platform

1000x1430 mm aluminium no slipping platform allows the driver to move, to turn and to change the position safely.

The platform allows the goods transport of many references during picking.



## Optionals

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



**Seat**  
Leather seat placed on battery compartment (possibility to place seat + battery compartment on flat platform).



**Backrest**  
U backrest with rubber support.



**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.

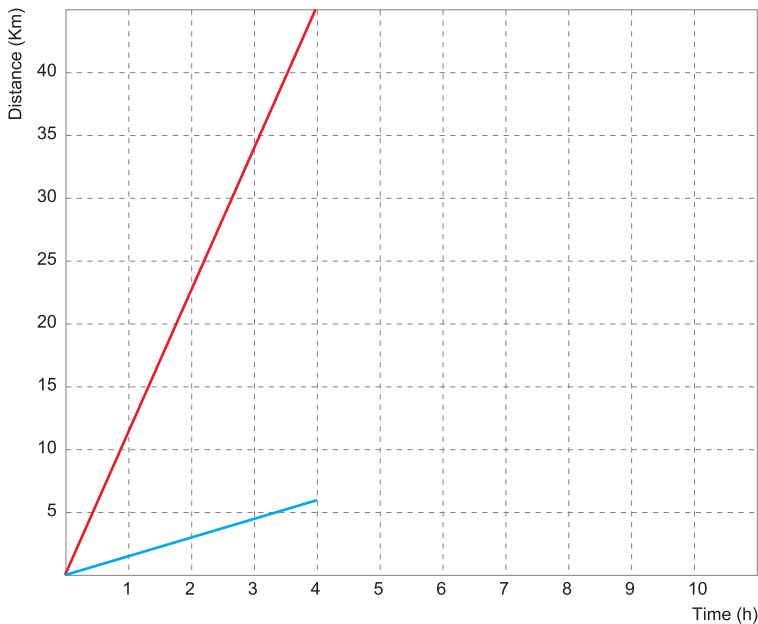
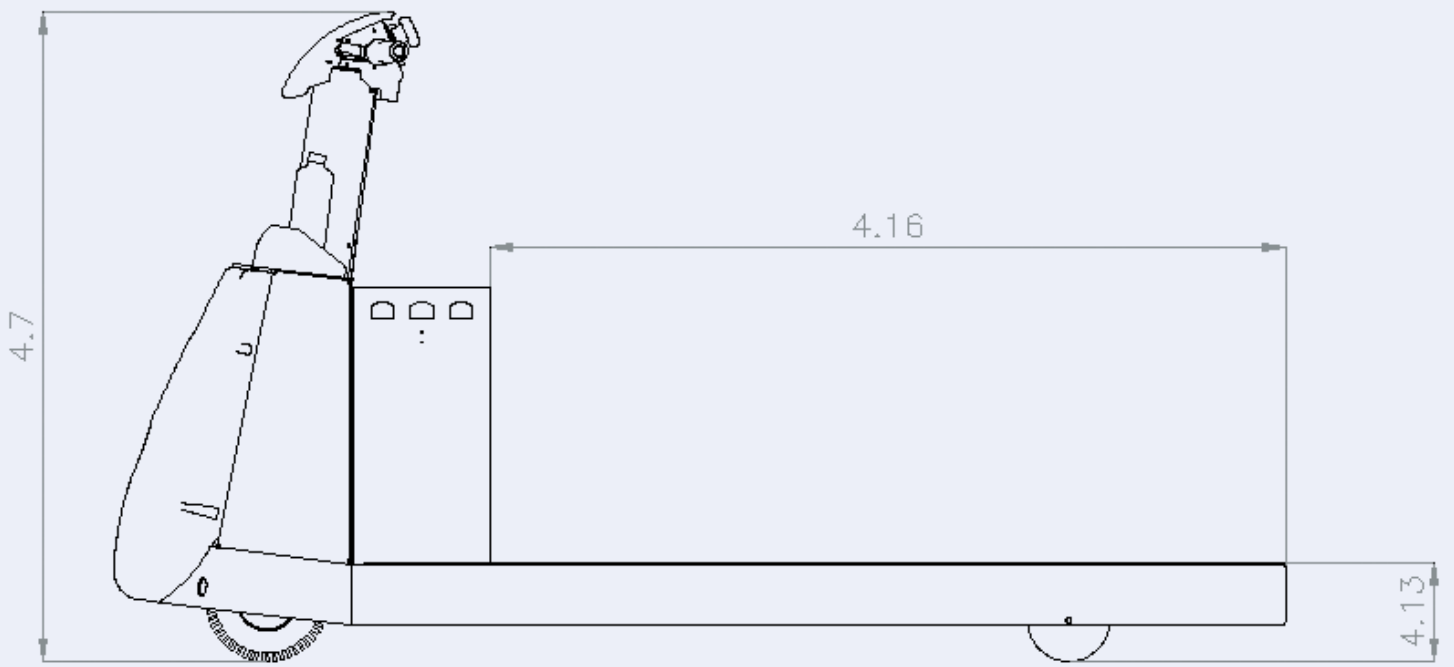


# Technical features

VDI 2198

Features	1.1	Manufacturer	Fantozzi		
	1.2	Model	P500		
	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 <sub>11</sub> (mm)	588,5	
	Basic dimensions	4.7	Operator's protection height (cab)	h <sub>6</sub> (mm)	1160
4.7		Operator's seat height (cab)	h <sub>6</sub> (mm)	/	
4.13		Platform height (without loading)	h <sub>11</sub> (mm)	260	
*****		Clearance	h <sub>11</sub> (mm)	150	
4.16		Loading platform length	l <sub>3</sub> (mm)	1430	
4.17		Loading platform width	b <sub>9</sub> (mm)	850	
4.19		Total length	l <sub>1</sub> (mm)	2100	
4.21		Total width	b <sub>1</sub> (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 without loading	1:11	10,5 km/h	9%
			1:16	7 km/h <b>STD</b>	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 <b>STD</b>	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% <b>STD</b>
			1:22	5 km/h	20%
	5.10	Service brake	Electromec. + mec.		
5.11	Parking brake	Electromechanical			
	Emergency brake	Electromechanical			
	Driver detection sensor	Mechanical			
Electric motor	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 <b>STD</b>	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 <sup>2</sup>			

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



## Easy and safe picking Production increased

Preparing an order has never been so easy  
Fantozzi P500 platform is a revolution for picking and handling goods.  
Till now, the order picking was made by towing a rolling table; P500 can load many goods, driving on long distances shortly and effortless.

# 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

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