

PLATFORMS P250 - P250L ELECTRICPORTER

FANTOZZI

moving safe. at work



General features and advantages

FANTOZZI platforms P250-P250L are modern and versatile electrical vehicles suitable both for the goods transport than for orders picking on floor. The space available on platform (800x700 mm and 1150x800 mm longer version) together with the on-board loading capacity make these electricporters suitable working colleagues, safe, speedy and guarantee a sensible production increase and efficiency in the Company.

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 P250 is suitable to drive into small and complex ways; working proof resistant inside the stocking area and factories on flat floors.

Increase on productivity

FANTOZZI P250 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 electricporters P250 produce a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

Driving comfort

FANTOZZI P250 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.



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 P250 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

Equipped with 800W motor, P250 reaches 10 Km/h, loading capacity is 400 Kg, and towing capacity is 200 Kg. The motor is equipped with electrobrake.



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 platforms.

Battery

Traction battery: 24V 120Ah (10 hours endurance).



Gel battery

FANTOZZI P250 & P250L can be equipped with Gel Batteries 6V-180Ah having over 10 hours endurance.

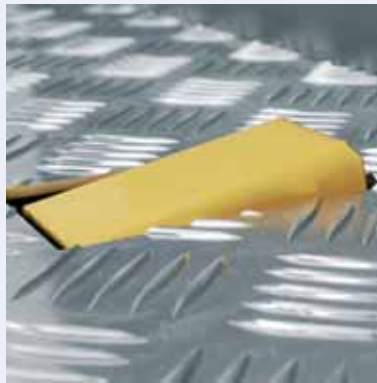
Service brake

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 P250 has modern and practical design. The rounded lines make the vehicle comfortable, safety and reliable.



Emergency brake

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

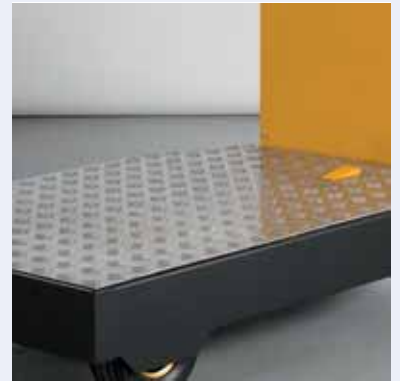
The emergency braking is necessary to avoid accidents inside the factory.



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

800x700 mm (1150x 800 longer version) 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 and makes the electricporter an absolute working colleague.



Optionals

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

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

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

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

Seat
Leather seat placed on battery compartment (available only for P250L).

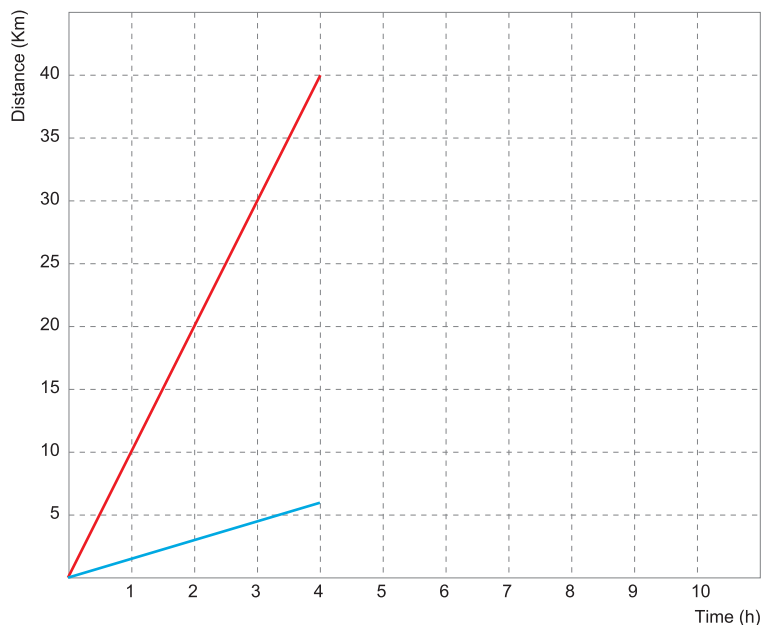
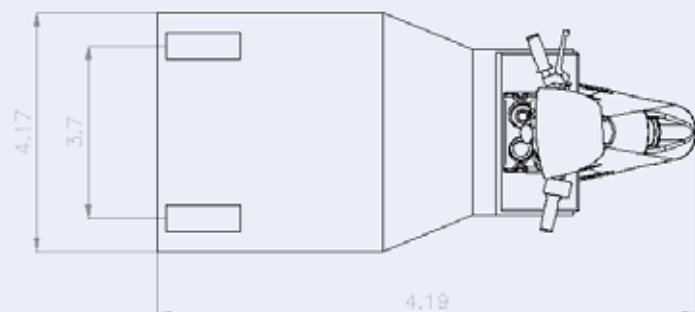
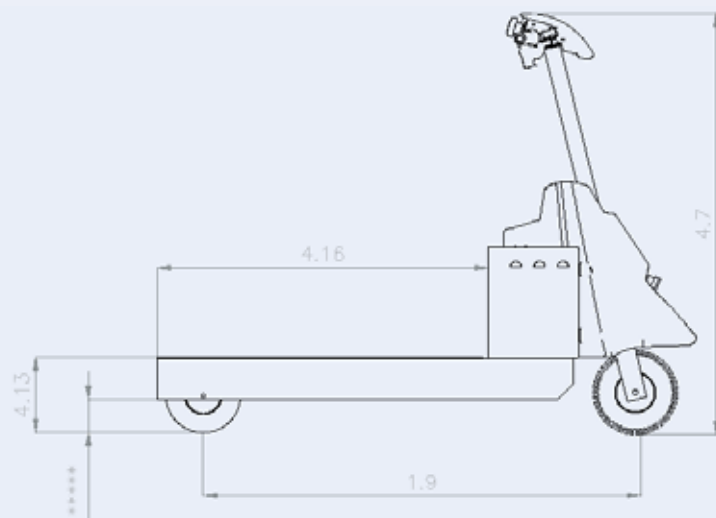
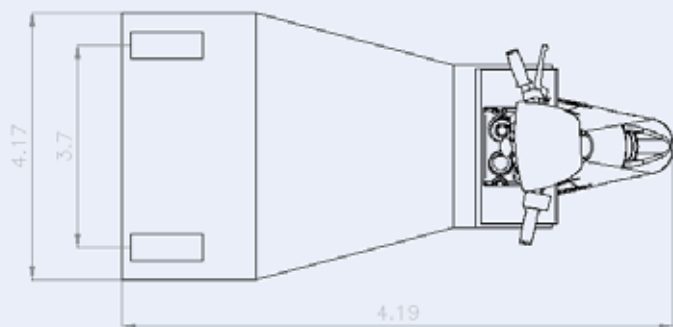
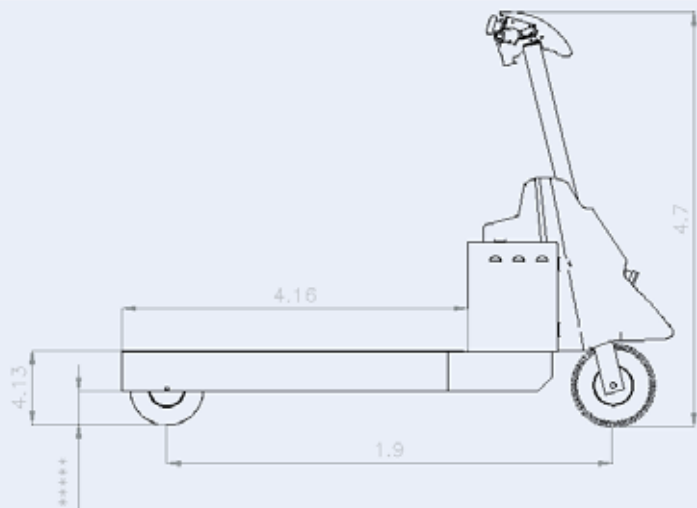


Technical Features

VDI 2198

Features	1.1	Manufacturer	Fantozzi	Fantozzi	
	1.2	Model	P250	P250L	
	1.3	Traction	Electric	Electric	
	1.4	Type of driving	Standing on board	Standing on board	
	1.5	Loading capacity	Q (t)	4	
	1.9	Wheel axis	y (mm)	1280	1340
Weights	2.1	Weight including batteries	Kg	160	167
Wheels / structure	3.1	Tyres (superelastic, pneumatic..)	SE	SE	
	3.2	Front wheel dimensions	3.00 - 4	3.00 - 4	
	3.3	Rear wheel dimensions	Ø 200 x 80	Ø 200 x 80	
	3.5	Front wheel number (X=traction)	1	1	
	3.5.1	Rear wheel number (X=traction)	2	2	
	3.7	Rear wheel track	b ₁₁ (mm)	520	588,5
Basic dimensions	4.7	Operator's protection height (cab)	h ₆ (mm)	1210	1210
	4.8	Operator's seat height (cab)	h ₆ (mm)	/	/
	4.13	Platform height (without loading)	h ₁₁ (mm)	230	230
	*****	Clearance	h ₁₁ (mm)	110	110
	4.16	Loading platform length	l ₃ (mm)	1080	1410
	4.17	Loading platform width	b ₉ (mm)	700	800
	4.19	Total length	l ₁ (mm)	1640	1950
	4.21	Total width	b ₁ (mm)	700	800
		Working aisle width	(mm)	900	1000
		Intersecting aisle width	(mm)	4800	5000
		Minimum rack width between 2 working aisles	(mm)	800	800
		90° Turning radius	(Wa mm)	3600	4050
* Performances	5.1	Driving speed with full loading	1:11 12 km/h 9%	1:11 12 km/h 9%	
			1:16 8 km/h STD 14%	1:16 8 km/h STD 14%	
			1:22 6 km/h 20%	1:22 6 km/h 20%	
	5.1.1	Driving speed without loading	1:11 12 km/h 9%	1:11 12 km/h 9%	
			1:16 8 km/h STD 14%	1:16 8 km/h STD 14%	
			1:22 6 km/h 20%	1:22 6 km/h 20%	
	5.8	Max. grade with full loading	1:11 12 km/h 9%	1:11 12 km/h 9%	
			1:16 8 km/h 14% STD	1:16 8 km/h 14% STD	
			1:22 6 km/h 20%	1:22 6 km/h 20%	
	5.10	Service brake	Electromec. + Mec.	Electromec. + Mec.	
5.11	Parking brake	Electromechanical	Electromechanical		
	Emergency brake	Electromechanical	Electromechanical		
	Driver detection sensor	Mechanical	Mechanical		
Electric motor	6.1	Traction motor – capacity KB 60 min	kW	0,8	0,8
	6.3	Battery		12V 51Ah	12V 51Ah
	6.4	Battery tension	U V	12V	12V
	6.4.1	Battery capacity	K 5 Ah	51Ah	51Ah
	6.5	Battery weight	Kg	2 x 22,5	2 x 22,5
Others	8.1	Kind of transmission	1:11 12 km/h 9%	1:11 12 km/h 9%	
			1:16 STD 8 km/h 14%	1:16 STD 8 km/h 14%	
			1:22 6 km/h 20%	1:22 6 km/h 20%	
	8.4	Average noise for the operator	dB (A)	< 70	< 70
	8.6	Steering gear	Mechanical	Mechanical	
	Vibrations to the operator		< 2,5 m/s ²	< 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

Preparing an order has never been so easy
Fantozzi P250 platform is a revolution for picking and handling goods.
Till now, the order picking was made by towing a rolling table; P250 can load many goods, driving on long distances shortly and effortless.

— man walking towing a table with pieces
— P250

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

Fantozzi Electric Carts S.r.l.
Via Rosa Luxemburg, 24
42010 Rio Saliceto (RE) - Italy
Tel. +39 0522 647192
Fax +39 0522 699479
info@fantozzi.com
sales@fantozzi.com
www.fantozzi.com