

PLATFORM P500E

ELECTRICPORTER

FANTOZZI

moving safe. at work



General features and advantages

FANTOZZI P500E has been studied to carry out 1st level picking continuously and for those operators who need large electronic lifting platform. The platform allows the operator to store the goods without losing space to the driving comfort.

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 P500E platform 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

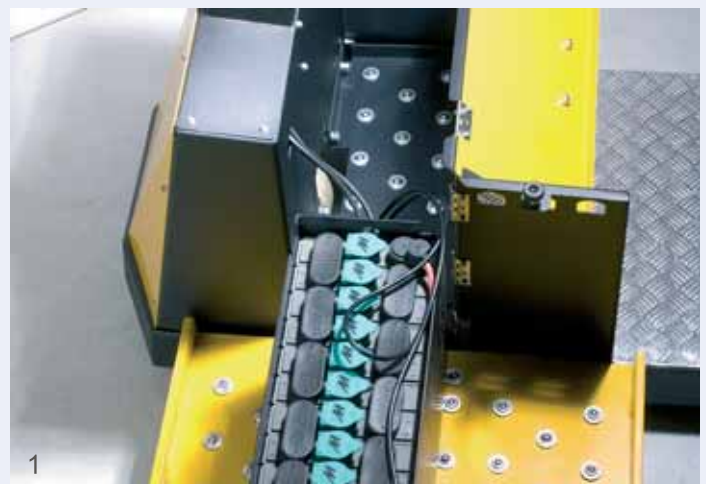
FANTOZZI P500E platform answers the modern concept of logistic and goods handling which require more and more skilled and dedicated working instruments suitable to reach the best compromise between working time, working quality & precision, and operator's safety & satisfaction. During handling of unpacked goods or single pieces - without pallets or loading units - the platform P500E produces a significant increase on productivity, it means much more work arranged shortly and saving of human resources.

Driving & picking comfort

FANTOZZI P500E 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 allows the operator to drive in a comfortable position. Accessories such as book-holder or wire basket make the daily operations easier.

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 P500E platform 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 charged battery. The quick change allows a considerable time saving and consequent increase on productivity.

Technical / manufacturing features

Powered wheel

Equipped with 1200W motor
Speed 13 Km/h - loading capacity 200 Kg. - towing capacity 1500 Kg.
P500E is equipped with powered wheel transmission system.

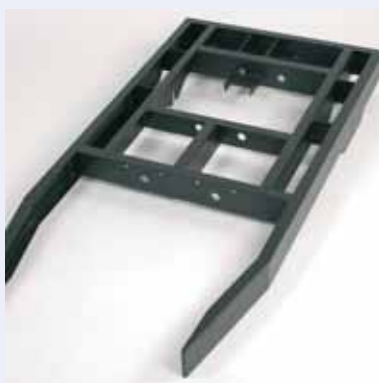


Electronic control unit

The electronic control unit allows the speed, braking, acceleration adjustments: these parameters customize the use of FANTOZZI P500E platform.

Chassis

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



External battery charger

P500E is equipped with external battery charger 24-25 allowing power charge shortly.

Battery

One traction battery: 24V 120Ah hermetic and no-maintenance (8 hours endurance). Alternative 4 gel batteries 6V 180Ah (8 hours endurance). All kinds of batteries do not release fumes during the charge.



Lifting column with platform

P500E platform lifts electrically. Upon the platform the operator can switch-on the belt & reducer for lifting the platform up to 1480 mm man's foot.

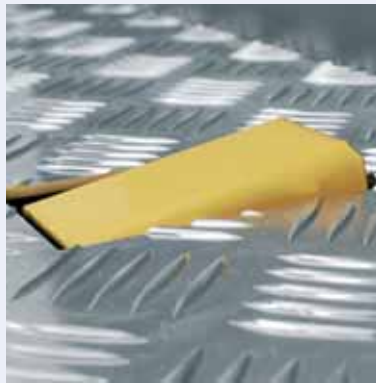
Service brake

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

P500E 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



Protection bars

The lifting platform is equipped with lateral protection bars which make the 1st level picking absolutely safe for the operator.



Optionals

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.

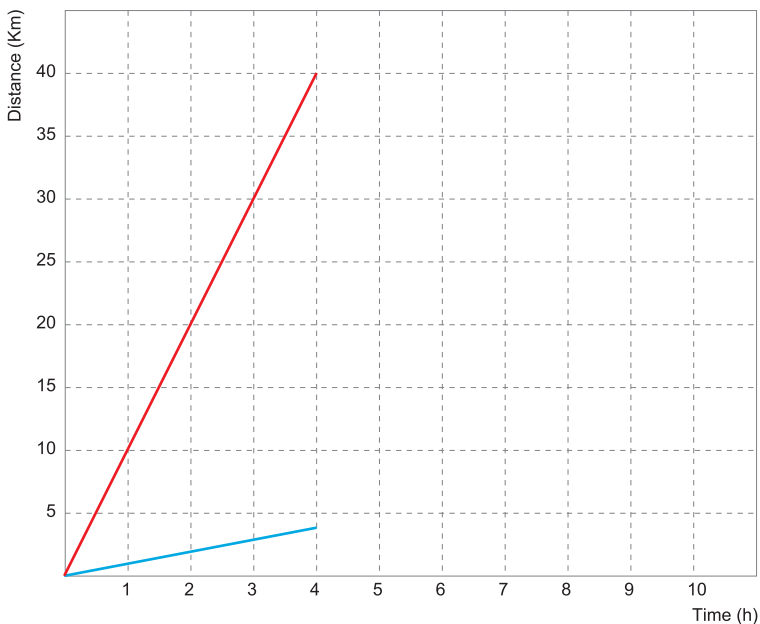
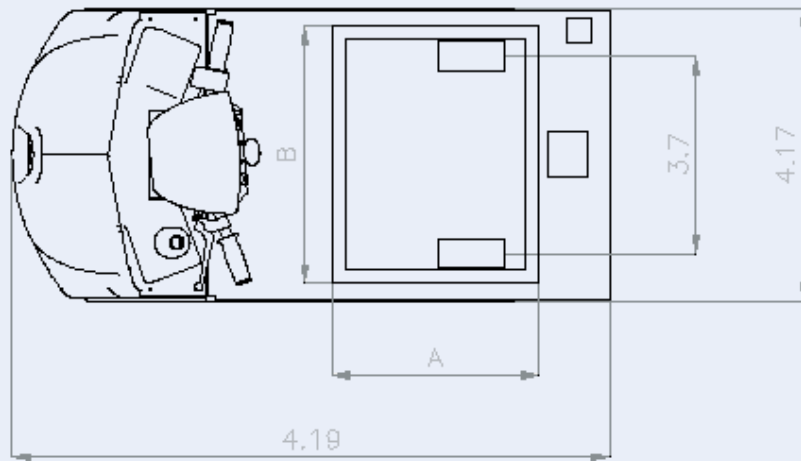
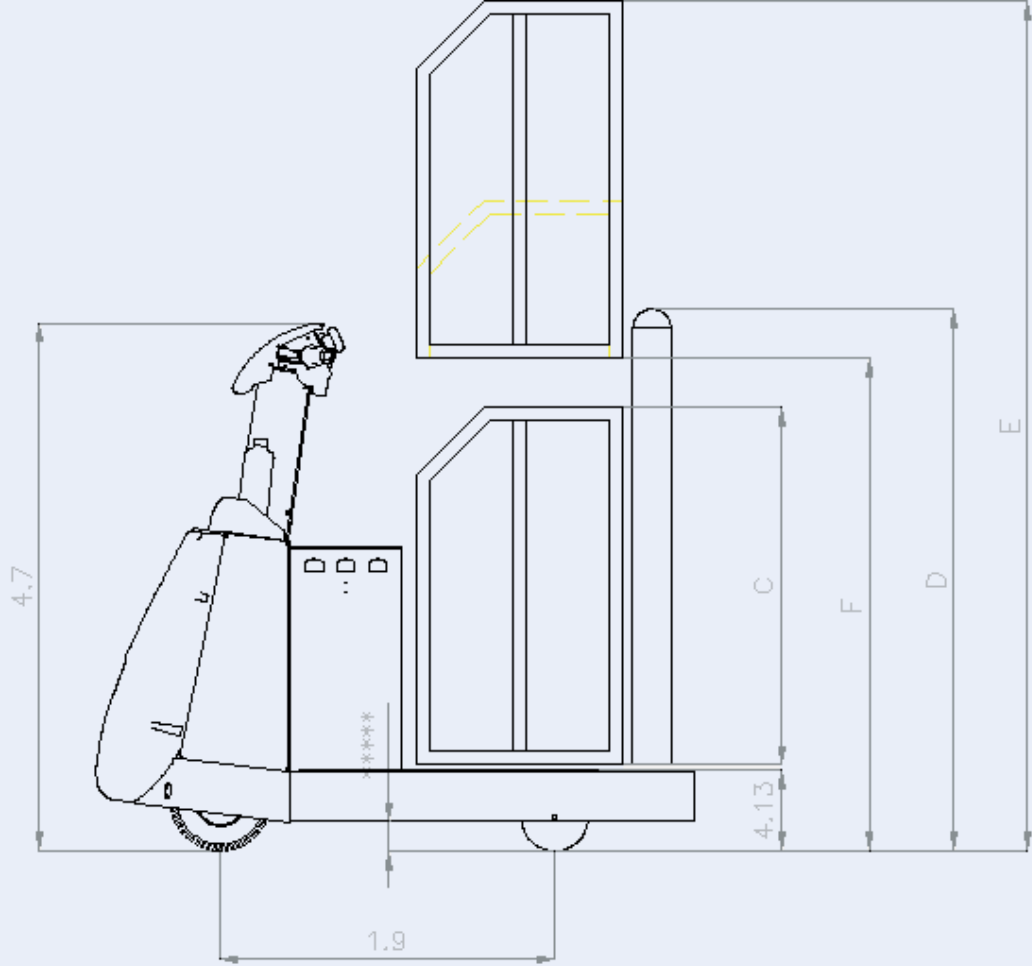


Technical features

VDI 2198

Features	1.1	Manufacturer	Fantozzi			
	1.2	Model	P500E			
	1.3	Traction	Electric			
	1.4	Type of driving	Standing on board			
	1.5	Loading capacity	Q (t)	2		
Weights	1.9	Wheel axis	y (mm)	/		
	2.1	Weight including batteries	Kg	335		
Wheels / structure	3.1	Tyres (superelastic, pneumatic..)	SE			
	3.2	Front wheel dimensions	Ø 240			
	3.3	Rear wheel dimensions	Ø 150 x 50			
	3.5	Front wheel number (X=traction)	1			
	3.5.1	Rear wheel number (X=traction)	4			
	3.7	Rear wheel track	b ₁₁ (mm)	620		
	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)	160		
*****		Clearance	h ₁₁ (mm)	50		
4.16		Loading platform length	l ₂ (mm)	1050		
4.17		Loading platform width	b ₉ (mm)	650		
4.19		Total length	l ₁ (mm)	1760		
4.21		Total width	b ₁ (mm)	800		
		Working aisle width	(mm)	1100		
		Intersecting aisle width	(mm)	2100		
		Minimum rack width between 2 working aisles	(mm)	800		
		90° Turning radius	(Wa mm)	3280		
* Performances	5.1	Driving speed with full loading	1:20	13 km/h	4%	
			1:32	8 km/h STD	10%	
			1:26	10 km/h	6%	
	5.1.1	Driving speed without loading	1:20	13 km/h	4%	
			1:32	8 km/h STD	10%	
			1:26	10 km/h	6%	
	5.8	Max. grade with full loading	1:20	13 km/h	4%	
			1:32	8 km/h	10% STD	
				1:26	10 km/h	6%
	5.10	Service brake	Electromechanical			
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	1:20	13 km/h	4%	
			1:32 STD	8 km/h	10%	
			1:26	10 km/h	6%	
	8.4	Average noise for the operator	dB (A)	< 70		
	8.6	Steering gear	Mechanical			
		Vibrations to the operator	3,5 m/s ²			
	A	Cab lenght	(mm)	860		
	B	Cab width	(mm)	650		
	C	Cab height	(mm)	900		
	D	Column height	(mm)	2020		
E	Max. cab height	(mm)	2070			
F	Min. elevation	(mm)	1480			

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



Easy and safe picking Production increased.

With Fantozzi P500E platform you arrive long before and arrive higher.

Today the 1st level picking is mainly manual. P500E avoids the efforts of towing ladders and makes the operation faster, safer and in accordance with modern handling systems: this means production increased.

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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