

# SCOOTER S100

ELECTRICPORTER

**FANTOZZI**

moving safe. at work



## General features and advantages

FANTOZZI scooters S100 is really an electric scooter studied to allow the operators to move on long industrial surfaces effortlessly, quickly and safely. This grants a sensible Company's increase in production 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 S100 is suitable to drive into small and complex ways; working proof resistant inside the stocking area and factories on flat floors.

### Increase on productivity

S100 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 S100 electricporter produces a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

### Driving comfort

The Scooter has a 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 safe and correct position, in accordance with ergonomic standards.

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

The driving position answers the many handling needs and frequent stops; getting-off and getting-on the vehicle several times.



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 S100 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

Scooter S100 is equipped with two 200W motors - Speed 10 Km/h - Loading capacity up to 150 Kg. – Towing capacity 50 Kg. max. One of the two motors has electrobrake.



## Transmission

Belt and pulleys transmission system and industrial components guarantee the intensive use.

## 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 Scooter S100.

## Battery

Two hermetic batteries 12V 42Ah (no maintenance) or alternative, two traction batteries 12V 51Ah (no maintenance) with 6 hours endurance. All kinds of mounted batteries do not release fumes during the charge.



## Built-in battery charger

Built-in inside the vehicle, it allows the recharge everywhere quickly and without additional costly devices.

### Service brake

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



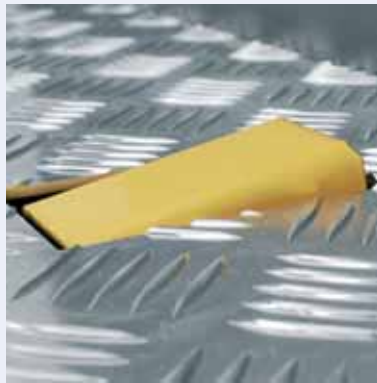
### Emergency brake

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

### Design

FANROZZI S100 scooter has modern and practical design.

The rounded lines make the vehicle comfortable, safe and reliable.



### Platform

425 mm. aluminium no slipping platform allows the driver to move, to turn and to change the position safely. The platform allows the small goods transport.

S100 with wider battery compartment  
 Battery enlarged + 9cm. it means + 4 hours working endurance



## Optionals

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



Seats  
 Double-tube or rectangular structure, both complete with anatomic leather saddle.



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.

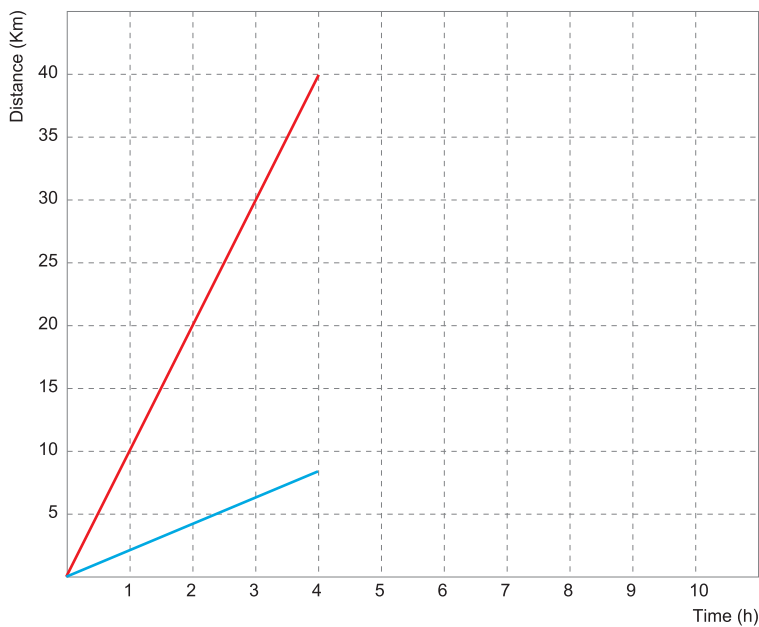
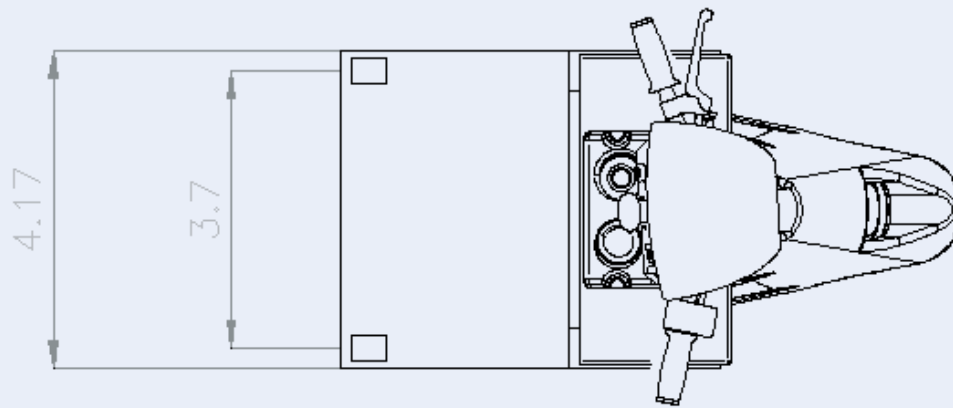
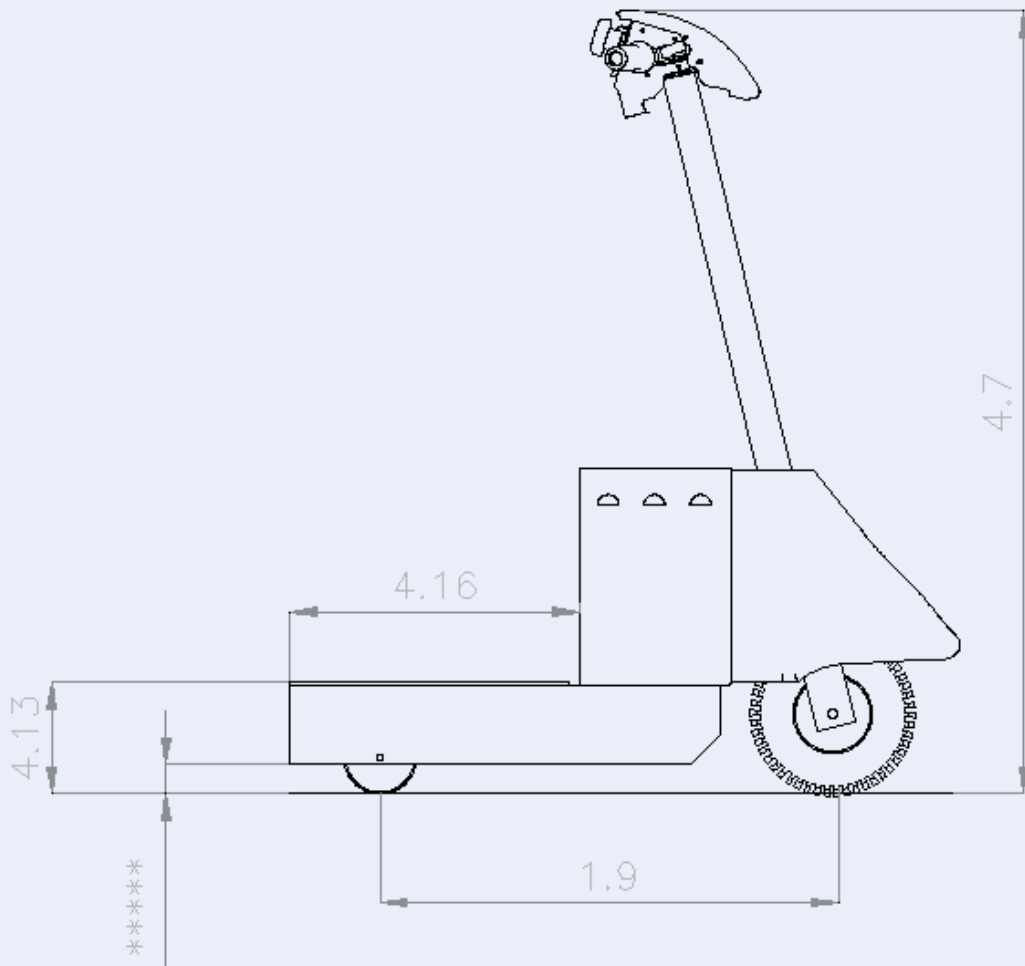


# Technical features

## VDI 2198

Features	1.1	Manufacturer	Fantozzi	
	1.2	Model	S100	
	1.3	Traction	Electric	
	1.4	Type of driving	Standing on board	
	1.5	Loading capacity	Q (t)	1,5
	1.9	Wheel axis	y (mm)	660
Weights	2.1	Weight including batteries	Kg	85
Wheels / structure	3.1	Tyres (superelastic, pneumatic..)	SE	
	3.2	Front wheel dimensions	3.00 - 4	
	3.3	Rear wheel dimensions	Ø 150 x 45	
	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)	420
	Basic dimensions	4.7	Operator's protection height (cab)	h <sub>6</sub> (mm)
4.8		Operator's seat height (cab)	h <sub>6</sub> (mm)	/
4.13		Platform height (without loading)	h <sub>11</sub> (mm)	170
*****		Clearance	h <sub>11</sub> (mm)	50
4.16		Loading platform length	l <sub>3</sub> (mm)	430
4.17		Loading platform width	b <sub>9</sub> (mm)	480
4.19		Total length	l <sub>1</sub> (mm)	940
4.21		Total width	b <sub>1</sub> (mm)	480
		Working aisle width	(mm)	900
		Intersecting aisle width	(mm)	1200
		Minimum rack width between 2 working aisles	(mm)	800
		90° Turning radius	(Wa mm)	1070
* Performances		5.1	Driving speed with full loading	km/h
	5.1.1	Driving speed without loading	km/h	10
	5.8	Max. grade with full loading	%	5
	5.10	Service brake		Electromechanical + Mechanical
	5.11	Parking brake		Electromechanical
		Emergency brake		Electromechanical
		Driver detection sensor		Mechanical
Electric motor	6.1	Traction motor – capacity KB 60 min	kW	2 x 0,2
	6.3	Battery		12V 42Ah
	6.4	Battery tension	U V	12V
	6.4.1	Battery capacity	K 5 Ah	42Ah
	6.5	Battery weight	Kg	2 x 15
Others	8.1	Kind of transmission		Belt
	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 movement

A scooter: working more and saving time  
 If compared with a walking man, the FANTOZZI electricporter S100 covers the same distance in 1/4 total time, it means production increased in maximum. safety.

# 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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