

# TRACTOR T2500

ELECTRICPORTER

# FANTOZZI

moving safe. at work



## General features and advantages

FANTOZZI T2500 tractor has been studied for towing goods loaded on trolleys. Quick and safe on wide surfaces, T1500D tows up to 2500 Kg. and is for the Company the best towing solution for courses longer than 36 mt.

### 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 T2500 is suitable to drive into small and complex ways; working proof resistant inside the stocking area and factory on flat floors.

### Increase on productivity

FANTOZZI T2500 answers the modern concept of logistic, goods handling and people's transport 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 - FANTOZZI T2500 produces a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

### Driving comfort

FANTOZZI T2500 has comfortable driving position, easy access to the operating control unit, limited height of the platform and comfortable adjustable seat (on request): 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 (standing-on with backrest or seated) answer 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 T2500 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 & driving wheel

Equipped with 2000W driving motor  
- Speed 8 Km/h full loaded - Towing capacity 2500 Kg. max.



### Chassis

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



### Battery

T2500 is equipped with one traction battery 24V 320Ah (16 hours endurance).



### Rear puncture-proof wheels

T2500 is equipped with rear puncture-proof wheels having 150 mm diameter.

The tyre is made of a rubber superelastic mixture duly studied to assure the maximum vehicle's safety.



### Electronic control unit

The electronic control unit allows the speed-braking-acceleration adjustments: these parameters customize the use of FANTOZZI Tractors.



### Towing hook

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

### Service brake

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



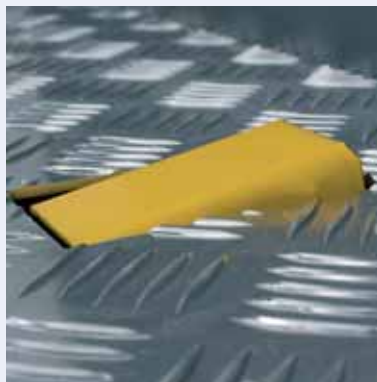
### Emergency brake

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

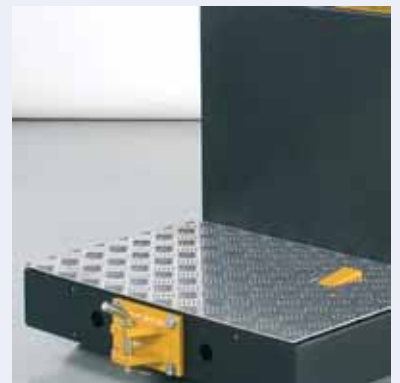
Intuitive, simple and effective, it includes:

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

### Design

T2500 has a modern and practical design.

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



### Platform

No slipping aluminium platform 345 mm. height, enables the operator to drive in effortless and healthy position, to move and to turn completely safe.

The platform allows the loading of small references, adding surplus to the operator's job.



## Optionals

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

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

Backrest  
1. Iron structure fixed to the platform and leather backrest.

2. U backrest with rubber supports.  
3. S backrest with rubber supports.

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

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



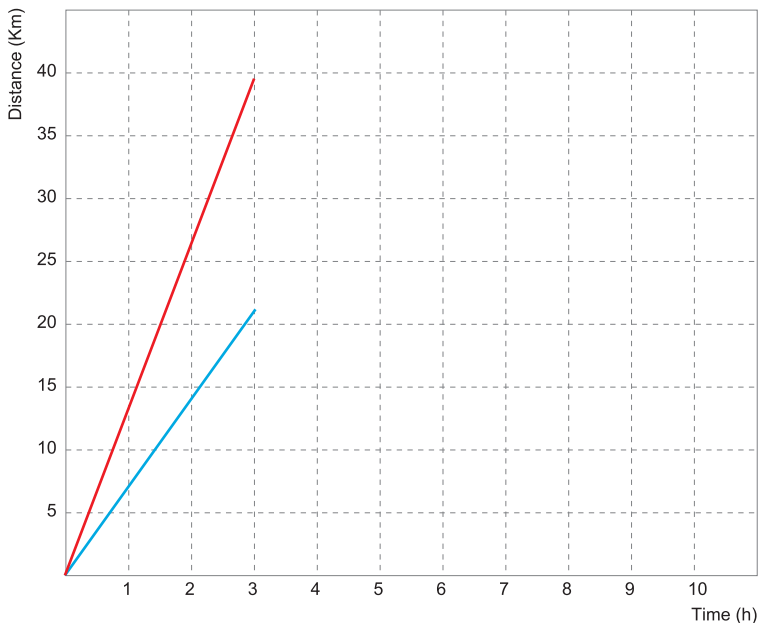
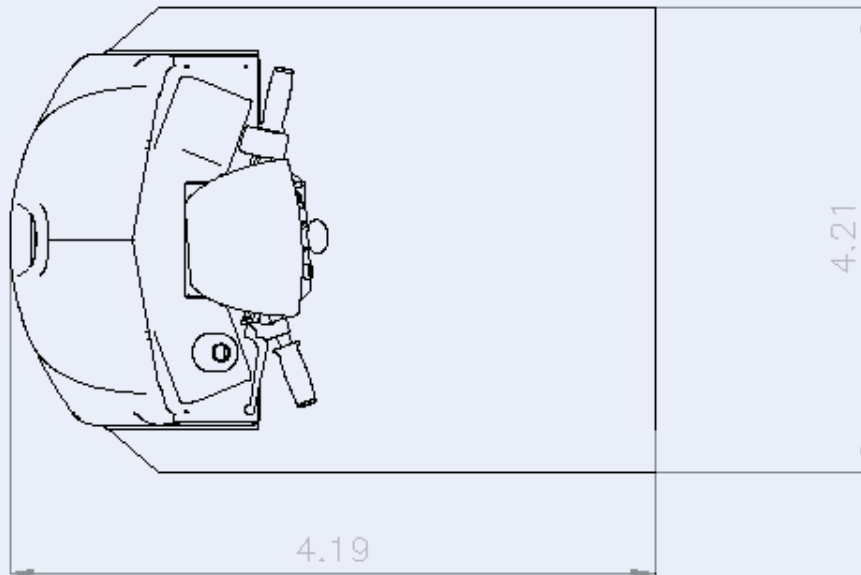
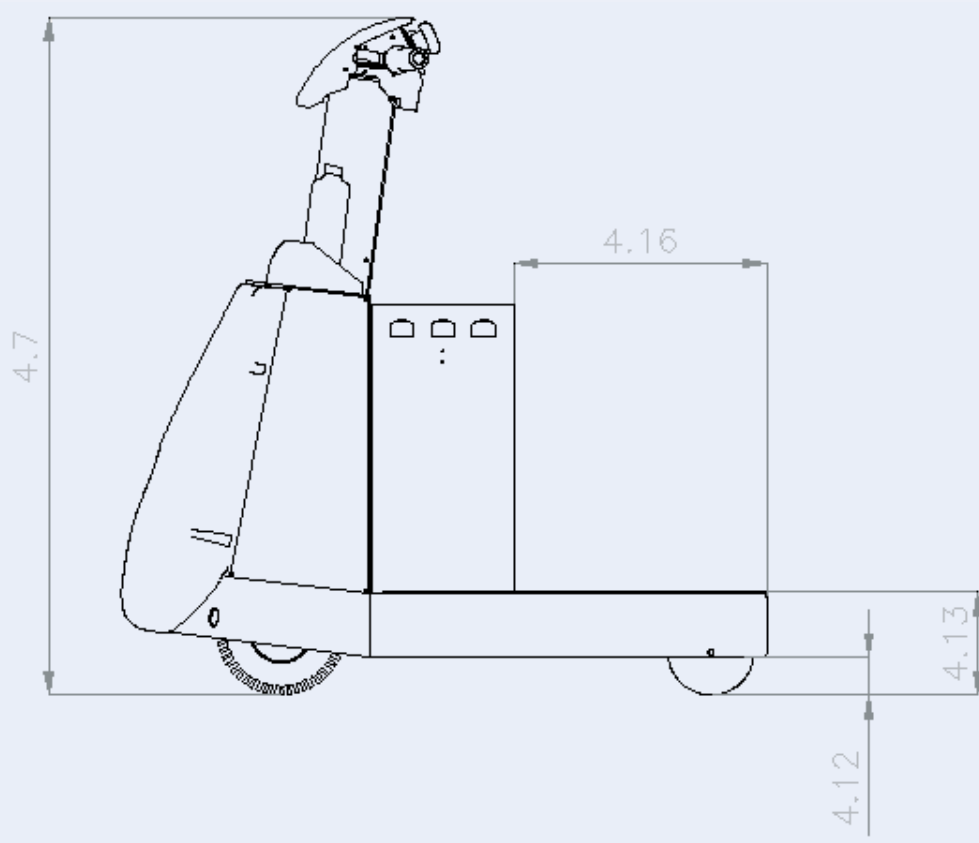
# Technical features

## VDI 2198

Features	1.1	Manufacturer	Fantozzi		
	1.2	Model	T2500		
	1.3	Traction	Electric		
	1.4	Type of driving	Standing on board		
	1.5	Loading capacity	Q (t)	25	
Weights	1.9	Wheel axis	y (mm)	740	
	2.1	Weight including batteries	Kg	472	
Wheels / structure	3.1	Tyres (superelastic, pneumatic..)	SE		
	3.2	Front wheel dimensions	Ø 250		
	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 <sub>11</sub> (mm)	620	
	Basic dimensions	4.7	Operator's protection height (cab)	h <sub>6</sub> (mm)	1160
4.8		Operator's seat height (cab)	h <sub>6</sub> (mm)	/	
4.12		Towing hook height	h <sub>10</sub> (mm)	100	
4.13		Platform height (without loading)	h <sub>11</sub> (mm)	160	
*****		Clearance	h <sub>11</sub> (mm)	50	
4.16		Loading platform length	l <sub>3</sub> (mm)	500	
4.17		Loading platform width	b <sub>9</sub> (mm)	800	
4.19		Total length	l <sub>1</sub> (mm)	1110	
4.21		Total width	b <sub>1</sub> (mm)	800	
		Working aisle width	(mm)	1000	
		Intersecting aisle width	(mm)	2000	
		Minimum rack width between 2 working aisles	(mm)	800	
		90° Turning radius	(Wa mm)	2910	
* Performances	5.1	Driving speed with full loading	1:20	13 km/h	4%
			1:32	8 km/h <b>STD</b>	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 <b>STD</b>	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% <b>STD</b>
			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	2	
	6.3	Battery	24V 320Ah		
	6.4	Battery tension	U V	24V	
	6.4.1	Battery capacity	K 5 Ah	320Ah	
	6.5	Battery weight	Kg	307	
Others	8.1	Kind of transmission	1:20	13 km/h	4%
			1:32 <b>STD</b>	8 km/h	10%
			1:26	10 km/h	6%
	8.4	Average noise for the operator	dB (A)	< 70	
	8.5	Towing hook	Manual		
	8.6	Steering gear	Mechanical		
	Vibrations to the operator	3,51 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 Production increased.

When a tractor is better than every other operating machine.  
In accordance with VDI2391 regulations, it's suggested to use specific machines when intensive towing drive is over 36 mt. distance. In these conditions, T2500 is suggested: it's more flexible, quicker inside aisle, suitable for several stops during loading and unloading. It's the better solution between towing capacity & price.

— other operating machine  
— T2500

# 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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