

Spacepac H350 Ride-on Electric Bed Mover



General features and advantages

FANTOZZI H350 is necessary hospital vehicle for the comfortable transport of beds and stretchers with or without patients. Fantozzi electricporter drives on grades and guarantees a sensible increase on safety 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 H350 Hospital is suitable to drive into small and complex ways; working-proof resistant inside the stocking area and plants on flat floors.

Increase on productivity

Hospital H350 answers the modern concept of logistic, goods and people handling which requires 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. Hospital H350 produces a significant increase in productivity, it means much more work arranged shortly and saving of human resources.

Driving comfort

Hospital H350 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.

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 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 Hospital H350 is studied in accordance with current regulations as for accident-prevention, limited vibrations, working health, common protection etc, but mainly thinking on ethic responsibility and reliability as for working satisfaction and appreciation of human resources.

Technical / manufacturing features

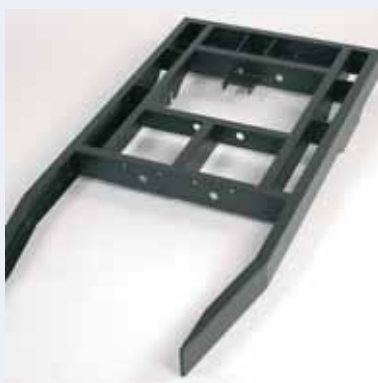
Motor

Equipped with 300W motor
 Loading capacity 250 Kg - towing capacity 200 Kg.
 On request: 500W motor for critical grades.



Chassis

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



Battery

Two traction batteries: 12V 51Ah hermetic and no-maintenance (8 hours endurance). All kinds of batteries do not release fumes during the charge.



Motor ratio

Possibility to choose 3 different ratios in accordance with driving grades and driving speed.



Electronic control unit

The electronic control unit allows the speed, braking, acceleration adjustments: these parameters customize the use of FANTOZZI Hospital H350.



Built-in battery charger

H350 is equipped with built-in battery charger allowing power charge shortly and without additional expensive tools.

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.



Remote control for bed hooks

It allows the start of bed hooks when the operator is seated on board on driving position.

The locking system starts when the driver detection system is released.



Emergency brake

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

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



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
- Remote control support



No marking wheels

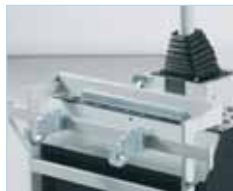
The electricporter H350 is equipped with no-marking and puncture-proof wheels. Tyres are made of a special mix of super-elastic rubber which guarantees the maximum driving safety.



Optionals

Rack

Iron rack with rust-proofing treatment, powder painting.



Pushing hook

Two iron plates treated with abrasive material, pushing hooks complete with bolts and nuts for fixing.



Flashing light

Iron tubular structure with flashing light and turning led.



Book holder

Plastic transparent structure with sheets clip and fixing screws.



Wire basket

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

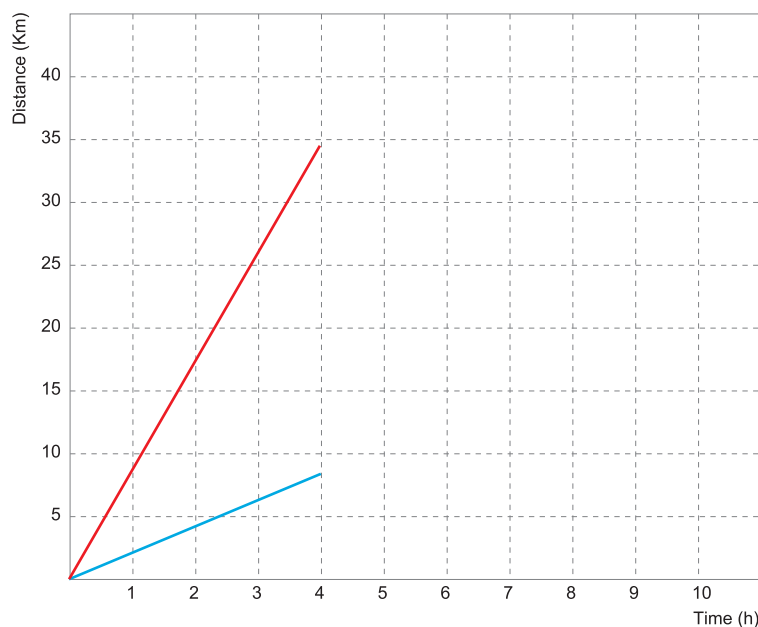
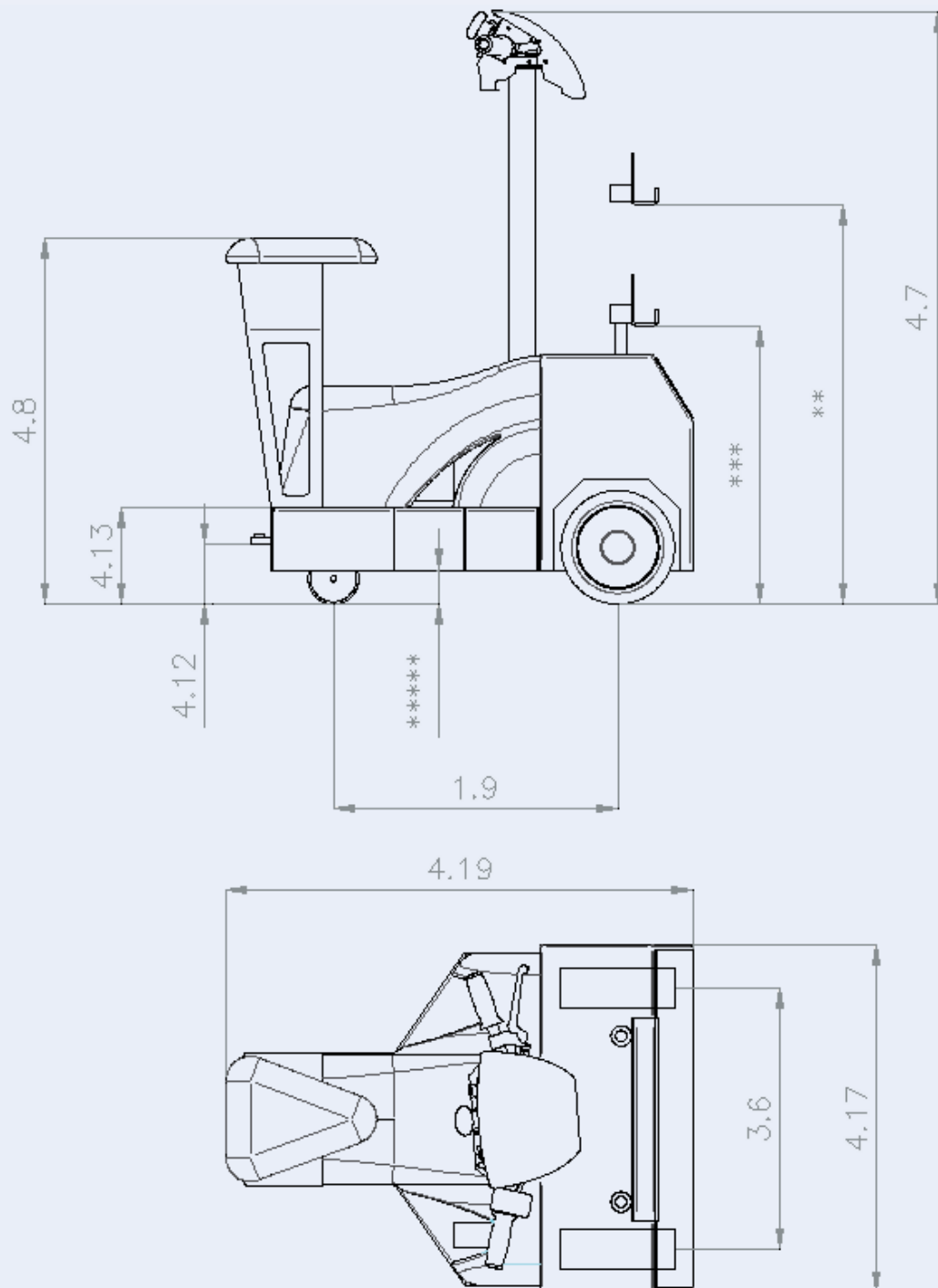


Technical features

VDI 2198

Features	1.1	Manufacturer	Fantozzi			
	1.2	Model	H350			
	1.3	Traction	Electric			
	1.4	Type of driving	Seated on board			
	1.5	Loading capacity	Q (t)	2,5		
Weights	1.9	Wheel axis	y (mm)	560		
	2.1	Weight including batteries	Kg	153		
Wheels / structure						
	3.1	Tyres (superelastic, pneumatic...)	SE			
	3.2	Front wheel dimensions	3.00 - 4			
	3.3	Rear wheel dimensions	r 125 x 40			
	3.5	Front wheel number (X=traction)	2			
	3.5.1	Rear wheel number (X=traction)	2			
Basic dimensions	3.6	Front wheel track	b ₁₀ (mm)	560		
	4.7	Operator's protection height (cab)	h ₆ (mm)	1300		
	4.8	Operator's seat height	h ₇ (mm)	880		
	4.12	Towing hook height	h ₁₁ (mm)	100		
	4.13	Platform height (without loading)	h ₁₁ (mm)	190		
	*****	Clearance	h ₁₁ (mm)	50		
	***	Rack lifting height (min.)	h ₁₁ (mm)	520		
	**	Rack lifting height (max.)	h ₁₁ (mm)	720		
	4.19	Total length	l ₁ (mm)	920		
	4.21	Total width	b ₁ (mm)	680		
		Working aisle width	(mm)	900		
		Intersecting aisle width	(mm)	1500		
		Minimum rack width between 2 working aisles	(mm)	800		
		90° Turning radius	(Wa mm)	1450		
	* Performances	5.1	Driving speed with full loading	1:11	13 km/h	3%
				1:16	8,5 km/h STD	5,5%
				1:22	6,5 km/h	8%
5.1.1		Driving speed without loading	1:11	13 km/h	3%	
			1:16	8,5 km/h STD	5,5%	
			1:22	6,5 km/h	8%	
5.8		Max. grade with full loading	1:11	13 km/h	3%	
			1:16	8,5 km/h	5,5% STD	
			1:22	6,5 km/h	8%	
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	0,3		
	6.3	Battery	12V 51Ah			
	6.4	Battery tension	U V	12V		
	6.4.1	Battery capacity	K 5 Ah	51Ah		
	6.5	Battery weight	Kg	2 x 22,5		
Others	8.1	Kind of transmission	1:11	13 km/h	3%	
			1:16 STD	8,5 km/h	5,5%	
			1:22	6,5 km/h	8%	
	8.4	Average noise for the operator	dB (A)	< 70		
	8.5	Towing hook	Manual			
	8.6	Steering gear	Mechanical			
	Vibrations to the operator	< 2.5 m/s²				

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



Easy and safe movement Production increased.

**H350 tows more
and saves time**
 Fantozzi Hospital H350 tows
 hospital bed at 8.5 Km/h
 constantly.
 This guarantees higher
 productivity than a walking man.

Walking man
H350