



* PRODUCTINFORMATIE * PRODUCT INFORMATION * INFORMACIÓN DEL PRODUCTO * INFORMATION DES PRODUITS

BETRAC TOW TRUCK

The BeTrac Electro Tow Truck is the most easy and versatile tow truck in the greenhouse industry. It marks itself by its high quality components and the strong though simple design, everything in motion.



Versatile and reliable

The versatile BeTrac is the `icing on the cake` in your internal greenhouse logistics. And by using a comfortable chair and steering wheel the truck is really easy and enjoyable in its use.

The extremely solid BeTrac is because of its electric engine environmentally friendly and makes no noise. Because of its compact design the BeTrac is very manoeuvrable.

It's the perfect solution to transport your harvest carts. If used as Automatic Tow Truck (AGV) the BeTrac can be fully integrated in the logistic/ and handling systems in the packing hall.

Manual or Automatic

Standard you'll find the BeTrac as a manually operated truck. Optional it can be equipped with induction components for full automatic transport (AGV) on a induction wire in the concrete floor. As AGV it can organize the transport of your harvest carts from the greenhouse to the packing; completely automatic.

Efficient Logistical Solution

The BeTrac brings the harvest carts to the packing hall and positions each cart quick and precise in front of the pushing unit or container crane. In this way you will have an optimal integration with your logistical and processing lines.

Safety

If you decide to choose the full automatic induction steering we will include laser scanners or similar sensors to avoid dangerous situations or even collisions.

Induction steering

At Berg Hortimotive we have our very own induction engineers which can design every single possible track between greenhouse and packing hall. A simple loop , or a complicated route with junctions etc.; Everything is possible!

Operating one or more BeTracs, if necessary by central control systems which include the software to monitor them so you can always check the system.

Automatic doors, if applicable will be opened and closed by the software of the BeTrac system.



Optional equipped with induction system some characteristics of the AGV/BeTrac;

- *Fully automatic driving and steering
- *Speed in auto mode approx 3,6 km/hr
- *Speed control independent from bearing load
- *Manual steering remains possible.

If the BeTrac is used as an AGV induction tow truck it will be equipped with safety features in order to avoid collisions. Safety is achieved by the use of laser scanners in various classes.



INNOVATORS IN MOTION

Schedule: specifications Tow Truck

Specifications		BeTrac1	BeTrac2	BeTrac4	
Tow Truck			Manual		
					
<i>Driving motor</i>		1,2 kW AC	2 kW AC	3,5 kW AC	
<i>Traction battery</i>		24V, 180 Ah	24V, 250 Ah	24V, 325 Ah	
<i>Towing capacity</i>		235 kg / 2350N	220 kg / 2200N	415 kg / 4150N	
<i>Speed</i>	<i>AGV</i>	<i>Without Load</i>	3.6 km/h	N.A.	3.6 km/h
		<i>With Load</i>	3.6 km/h	N.A.	3.6 km/h
	<i>Manually</i>	<i>Without Load</i>	10.5 km/h	12 km/h	14 km/h
		<i>With Load</i>	6 km/h	6 km/h	8 km/h
<i>Inclination</i>	<i>AGV</i>	<i>Without Load</i>	6%	N.A.	12%
		<i>With Load</i>	2%	N.A.	4%
	<i>Manually</i>	<i>Without Load</i>	6%	10%	12%
		<i>With Load</i>	2%	5%	4%
<i>Weight</i>	<i>AGV</i>	375 kg			
	<i>Manueel</i>	370 kg	600 kg	740 kg	
<i>Turning radius</i>	<i>AGV</i>	250 cm	270 cm	270 cm	
	<i>Manueel</i>	210 cm	190 cm	190 cm	
<i>Dimension L x W x H</i>	<i>AGV</i>	147x70x143 cm	175x92x140 cm	185x95x145 cm	
	<i>Manueel</i>	120x68x143 cm	150x90x125 cm	160x93x133 cm	
<i>Charger</i>		240V 20A	230V/115V 30A HF	230V/115V 30A HF	
<i>Tires</i>	<i>AGV</i>	Massive	Massive	Massive	
	<i>Manueel</i>	Massive	Pneumatic	Pneumatic	
<i>Price</i>		<i>On request</i>	<i>On request</i>	<i>On request</i>	

