

# Robocar

“Robocar: the solution for your internal transport”

## Advantages

- Unmanned transportation (labor saving)
- Fully automatic control
- Very reliable
- Infinitely/stepless adjustable speed (0 – 4 km/h)
- Optical pressure and ultrasonic sensors for undesirable obstacles
- Low maintenance
- Operates almost soundless
- Makes logistic processing system effective, simple and convenient



The Robocar is a fully automated electric tractor for internal transportation of all kinds (harvest) trolleys. The Robocar can be used both manually and automatically. In the automatic mode the Robocar will find its own way on an induction wire which is constructed in the concrete floor.

### **The Robocar in combination with automation in the harvest processing room**

The Robocar is the solution to any logistical questions. The Robocar is perfect for all types of automation such as passing through crossings with priority rules and positioning. The Robocar stops at any given location (accurately in millimeters) so that the harvest can easily be released and empty barrels/boxes/crates can be loaded.

The harvest trolleys will not be disconnected, the train remains entirely. When entering the crop processing system there is direct communication between the Robocar and the processing system. If the 'road' is clear the Robocar will drive through automatically.



To

limit the possibility of infection, the Robocar with harvest trolleys can get assigned to a fixed route. This way, the Robocar and harvest trolleys can't be interchanged between greenhouses.

### **Different types**

The Robocar is available in two different versions, the 600 and the 1600. The Robocar 600 has a traction of 500N and the Robocar 1600 has a traction of 1000N. Indicative; for a weight of 1.500kg, a 400N is required get the train running. If it's running, you'll need only 200N.

When used in manual mode, the maximum speed is 7 km per hour. The Robocar (in manual mode), is controlled by a joystick.

### **Optional:**

The Robocar can also be installed with an overhead induction line (instead of an induction line constructed in the concrete floor)



For more information, please contact your Brinkman branch or dealer or check our website [www.brinkman.com](http://www.brinkman.com)