

Working with ease...

Autotruck Guided Towing Vehicle

Autotruck Guided Towing Vehicle - Mini AGV

The Autotruck is designed as a flexible, automatic quiet (<70 dB A), efficient & unobtrusive vehicle for internal, light materials handling applications. It is an excellent alternative to trolleys, towing trucks & conveyors. It has a towing capacity of 500kg & a travel speed of 2.5km/hour.

The truck drives automatically following hard-wearing, 20mm wide self adhesive Diamond Grade™ reflective tape that is used to map the route on the floor and automatically stops at chosen self adhesive stop station markers for loading and unloading. The route and the stops are infinitely adjustable to any requirements.

When connected to any different type of load carrier trolleys the Autotruck can be adapted to precisely suit your internal materials handling requirements. The Autotruck can be used on any normal industrial flooring and also in office environments. Autotruck will also carry an additional 50kg on its flat top. Operating time is a minimum of 10 hours continuous operation with 70 Ah batteries and maximum load.

The Truck can also be driven manually by remote control or on the truck control panel. An optional transport trolley allows the Autotruck to be moved without electrical supply.

DESIGN

Autotruck has a steel chassis construction with an ABS plastic cover. All drive motors, electronics and batteries are contained within the cover. The rear wheels are of a rubber construction and the drive wheel polyurethane. The control panel is mounted on the rear of the vehicle. A flashing light operates when the vehicle is in operation. Batteries are charged via an external connection.

The front of the vehicle contains two safety switches. The Bumper will stop Autotruck the moment it encounters an obstruction, also ultra sound sensors detect obstacles in the path of the vehicle within a distance of 700mm. An optional high rise warning flag is available for increased visibility. Autotruck weighs 110kg including 70 Ah batteries & the dimensions are 1100 x 780 x 730mm (L x W x H-to manoeuvring panel). Autotruck is driven by 2 x 350W motors via two series connected 12volt gel batteries which are valve vented and no liquid needs to be filled during their lifetime. An interlocking function on the charger prevents the truck from being driven off when the charger is connected.

Tape, battery and battery chargers are ordered separately.



Quieter, less costly & less obtrusive than conveyors



Code	Description
14 72 11 01	Autotruck 101
12 26 11 15	Battery set 2 x 12V/70 Ah
12 26 11 36	Charger 24V/12 Amp
12 72 11 05	Transport Trolley
12 72 11 00	Towing Tow Bar
11 72 11 10	Remote Control
07 09 04 23	Warning Flag
07 04 06 25	Reflective Tape 45m
07 04 06 26	Stop Markers