

# TGVCOUNTERBALANCED

AUTOMATIC VEHICLES WITH  
COUNTERBALANCED FORKS



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TecnoFerrari TGV Counterbalanced vehicles are battery-powered shuttles capable of moving automatically with a laser or magnetic guidance system that can be customised on request. In both navigation cases the vehicle architecture is the same, which brings advantages in terms of maintenance and spare parts. This type of vehicle has a counterweight at the rear that allows the entire load to be cantilevered over the fork unit for maximum flexibility. The TGV automatic guiding concept lends itself to handling pallets of any type in a wide variety of industrial environments, where necessary it can be made completely in stainless steel, avoiding any product contamination. The TGV allows handling of both light and heavy loads and multi-level lifting. Recharging can take place automatically in a battery charging station, in which case the TGV dedicates the waiting time to self-recharging the batteries, or through an automatic battery change. The vehicles are equipped with reliable active and passive safety systems to continuously monitor the surrounding space and avoid any accidental collisions. The safety features include proximity laser scanner, mechanical bumpers, side strips, horns and flashing beacons.

## ADVANTAGES

- Maximum degree of safety for operators
- Versatility of the system and limited work for track changes
- Reliability and robustness of vehicles
- Process control and optimisation of the production cycle
- High flexibility
- Optional: strapping unit



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