

Design, calculations and manufacturing of **Storage Systems**



LIGHT SHELVING FOR AGV TROLLEYS

The Strength of simplicity

Riveto[®] SHELVING FOR AGV VEHICLES

Esnova adds to its product range a new light duty shelving for the exclusive use of AGV vehicles.

AGV Vehicles (Automatic Guided Vehicles) are intelligent industrial vehicles that move without a driver and do not require direct human intervention.

These vehicles are equipped with different guidance systems and a complex control and management system, which makes it possible to differentiate between two large groups:

- AGVs whose management and control system does not communicate with the environment where they move, i.e. they are autonomous and the system only manages the fleet of vehicles making them work automatically and without interacting with the environment.

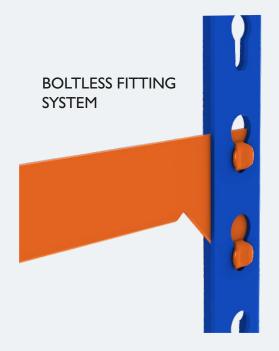
- Vehicles with complex AGV systems, in which fluid communications with the environment are common and essential, since through these communications the orders of the vehicles and the movements to be made at all times are managed, communicating with the plant handling systems, automatic doors, automatic warehouses, as well as the company's management software, whether it is an ERP, a WMS, etc.





Rivelo[®] system

The main characteristic of the light duty shelving manufactured by Esnova, apart from its great resistance capacity, is the absence of bolts and nuts, since the beams are joined to the uprights by means of interlocking, facilitating its assembly and the distribution of the shelving levels according to the needs of use.



However, due to the characteristics of this shelving, which has been designed to be transported by AGV trolleys, a very resistant welded base has been incorporated, with a tube in each corner where the uprights of the shelving would fit, fixed by screws to always guarantee the safety of the system.





MODELS

There are 3 models of shelves adapted for transport on AGV trolleys:

- Model RIVET-BOX: Specific for storing small boxes such as shoe boxes, etc.
- Model RIVET-HANG: Specific for hanging garments.
- Model RIVET-ROBOT: For all types of goods.







Model RIVET-HANG





Model RIVET-ROBOT



FINISHINGS

Several standard finishings are available:

- Shelf painted in GREY 7032.
- Shelf painted in BLUE 5019.
- Shelf painted in BLUE 5019 (Base and uprights) and ORANGE 2004 (beams).









The **Strength** of <u>simplicity</u>

WE DESIGN AND MANUFACTURE STORAGE SYSTEMS FROM THE MOST BASIC OPTION TO THE MORE SOPHISTICATED ONE.



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