

Intelligent automation for better performance



Packaging, movement systems, automatic and manual packaging machines and palletizing systems. **Imbal Stock** is a 30 years old Italian company specialized in packaging. Market leader since 1978, the company produces customized automatic packaging machines able to satisfy every customers request.

Thanks to Mitsubishi Electric's automation solutions integrated in all machines, Imbal Stock is able to meet all customers' needs customizing packaging machines, tunnel, flowpack machines, labelling machines, etc... The know-how of **Imbal Stock**, combined with the advanced technology of Mitsubishi Electric solutions, allowed to create high performance packaging systems.

Mitsubishi Electric solutions

Mitsubishi Electric solutions are totally suitable with Imbal Stock automated machines; this allows to perform the side welding of the film for medium-high production speed machines.

The parameters setting and the monitoring of the system are carried out through the touch screen operator panel GS2107. The different recipes are processed by the compact PLC FX3U directly connected to the touch panel.

FX3U controls the MR-JE servo systems sending the positioning profile executed with extremely accuracy and reliability by the servos drives.

Thanks to the high bandwidth of 2 kHz and the high resolution encoders of 17 bit (131072 ppr),

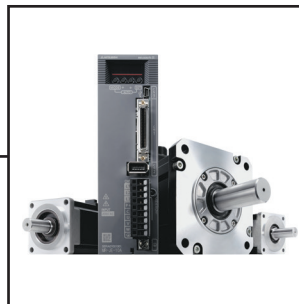
Imbal Stock increased the productivity of their machines significantly.

The inverters FR-D700 controls the conveyors with optimum regulation of the motors ensuring a very smooth and linear movement of all system.



IMBAL STOCK and Mitsubishi Electric

The partnership between **Imbal Stock** and **Mitsubishi Electric** has allowed the development of "Experience" the new packaging machines, both automatic and manual shrink wrapping machines, "Made in Italy". A new packaging system created to guarantee long-term maximum functionality and reliability.



Key Features

The advanced technology of Mitsubishi Electric solutions, both in terms of performance and safety, and the experience gained by **Imbal Stock**, guarantee to the machines:

- **Complete automation:** the shrinking machines are characterized by an automatic sealing system with continuous side welding of the film with medium-high productions.

- **Accuracy:** for the snug closures on the products, two and single chamber tunnels are used in order to obtain perfect packs with very fine welding, always centered on the product.

- **Flexibility:** characterized on a great flexibility in the format change, suitable for products of different size and shapes, both for individual and for multiple packages, thanks to a wide range of packaging size up to 400mm.

A partnership you can rely on

Mitsubishi Electric is a renowned international leading company with 90 years of experience in offering high and reliable solutions. The company features also a great worldwide customer and technical assistance due to supporting centres placed all over the world.

Imbal Stock is a leader company in the Packaging sector characterized by high professional and technical skills. The services offered training for customer's staff, technical support and extra and predictive maintenance.

For more information:



Imbal stock

Via S. Fiorano, 55/A,
20852 Villasanta (MB)
Tel.: +39 039 284 7931
Fax: +39 039 2840132
www.imbalstock.it
info@imbalstock.it



Mitsubishi Electric Europe B.V.

Viale Colleoni 7 - Palazzo Sirio
20864 Agrate Brianza (MB)
Tel.: +39 039 60531
Fax.: +39 039 6053312
mitsubishielectric.marketingfa@it.mee.com
it3a.mitsubishielectric.com