

# RECMi collaborative robotic palletizer

## for end of lines and folder deliveries

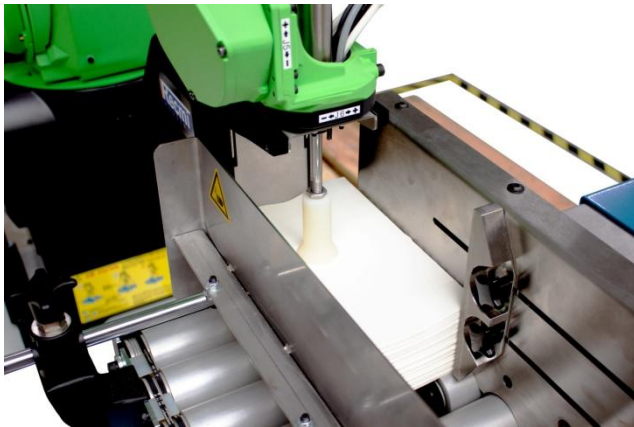


The new RECMi collaborative robot palletizer is designed to palletize a large range of products from folder deliveries and end of lines : folded signatures, saddle-stitching, sealed binding ....

#### The unit consists in :

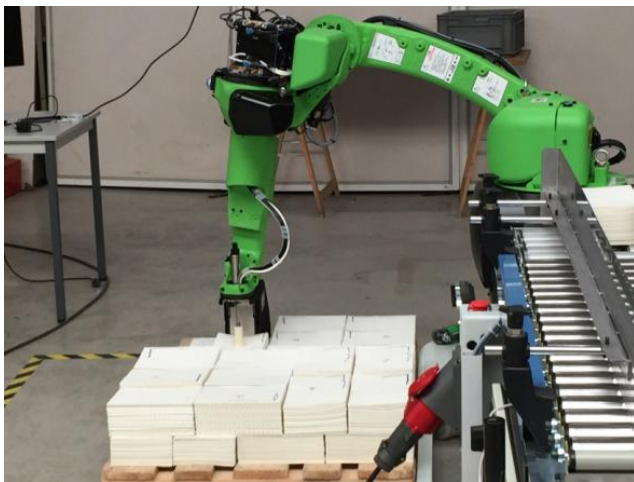
- One conveyor / loading table
- Collaborative robot equipped with a specific tool, that ensures loading and drop of the stacks onto the pallet
- Two pallet loading positions

## ONE GRIPPING SYSTEM FOR DIFFERENT PRODUCTS



No changeover, the specific tool ensures a precise taking-off and dropping of the various stack formats, preserving the products.

Stacks are positioned side by side very closely, ensuring a neat pallet building and a great stability.



### SECURITY - technical assessment delivered by EC verification organisation

The machine is designed to operate alongside personal. The robot arm moving is programmed in order to avoid any shock that could cause a risk of injury. If it comes into contact with the operator in the safety area, it automatically stops.

The shape and the gripping mode of the gripping tool reduce the crushing risks for the operators.

The intensity of the shock has been checked and validated by EC verification organization as far as pain threshold are concerned according to ISO TS015066.



EQUIPEMENTS DE TRAVAIL  
VERIFICATION DE L'ETAT DE CONFORT

**exclusive**

### 6 AVIS TECHNIQUE

Les examens et essais réalisés dans les limites de la présente mission n'ont pas fait apparaître de non-conformité. L'équipement peut être déclaré apte à assurer sa fonction dans les conditions d'utilisation prises en compte et décrites dans le présent rapport.

## SMALL FOOTPRINT

Without fence or grids surrounding it, the small footprint gives flexibility. The machine can easily be integrated at different deliveries at the customer location.



## RELIABLE MOBILE TECHNOLOGY – plug and play system

Machine design, robust high quality components – FANUC robot – allows to easily move the collaborative palletizer from one production line to another without changing or altering the reliability of the machine. This palletizer is mobile with its 4 rollers. A single operator can move the machine with a pallet jack.

## EASY SET-UP



Robot configuration software allows the operator to design quickly a new pallet pattern or load an existing one thanks to the touch screen (tablet) configuration.

## SPEED

Speedrates of the RECMI collaborative palletizer allows to ensure palletizing at all types of folder deliveries.

Two pallet loading positions allows a continuous palletizing, no need to stop.

## COLLABORATIVE PALLETIZING IMPROVE YOUR PLANT ORGANIZATION

The RECMI collaborative palletizer frees existing operators from time-consuming tasks and give them time to work on value added tasks.

Working conditions are improved, repetitive tasks are avoided and Musculoskeletal disorders (MSD) are reduced.

## Technical data

Formats	mini maxi	127 x 150 mm 315 x 360 mm
Payload capacity		8 kg
Speed rates*		240 to 300 stacks/hour
Pallets		600 x 800 800 x 1200
Palletizing height		1200 mm (pallet included)
Footprint		2400 x 2420



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