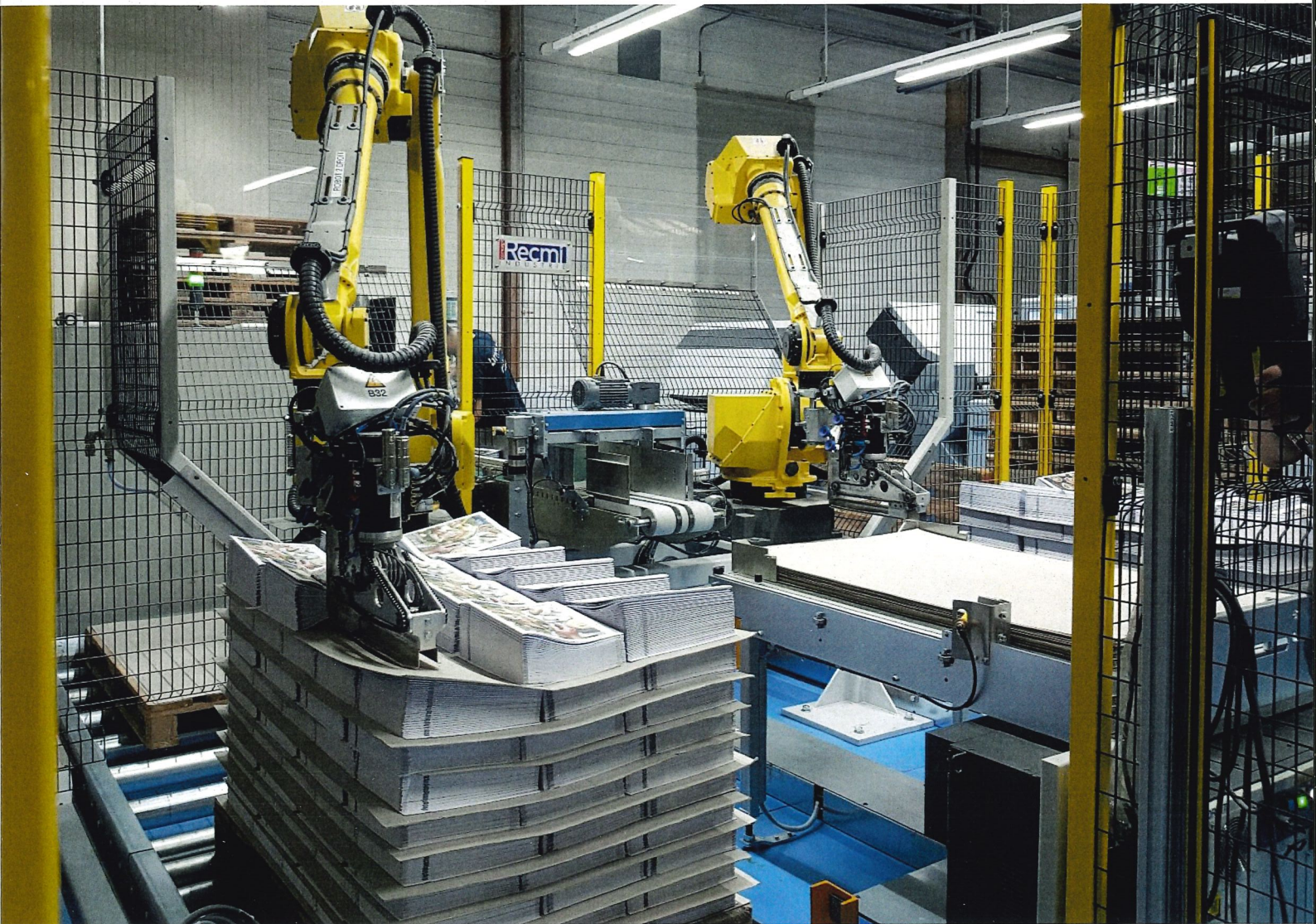# Palletizer Robofolder RF 700

Recmi Industrie "One-By-One" robotic concept
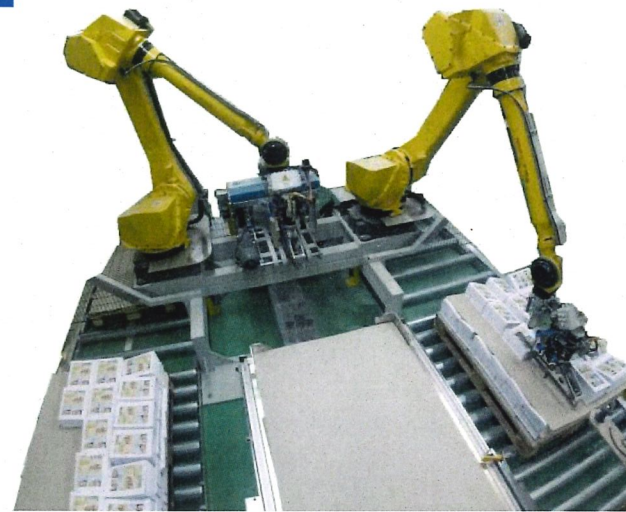

Robotic palletizing
for high-speed folder deliveries / finishing lines

Automated palletization of folder outlets

The ROBOFOLDER RF700 robotic palletizer is equipped with 2 x 6-axis robots (3D motion technology), specially designed for palletizing products from high-speed folding machines.
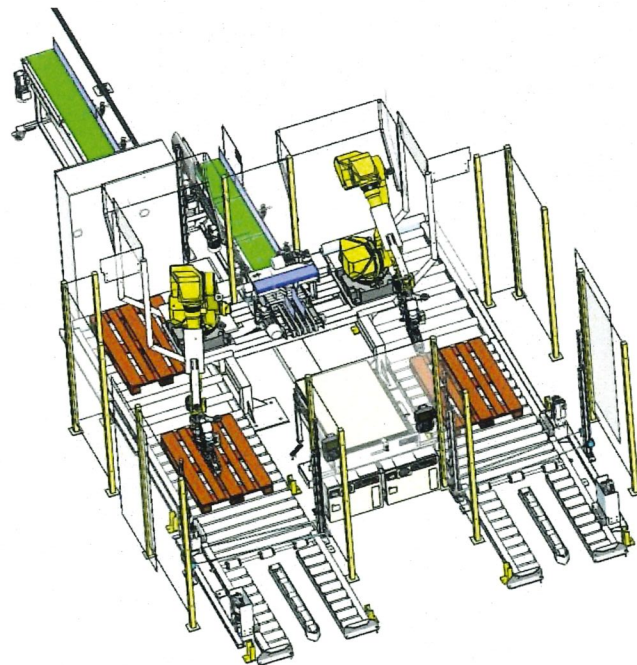
It is capable of absorbing the production flow of high-speed folding machines.

Robofolder 700

- Pile-conveying line
- Re-centring system
- Pile pick-up station
- 2 robotic arms
- 4-Side jogger
- Specific multifunction grippers
- Interleaving magazine
- Storage for empty pallets
- Touch screen interface
- RecmiPal Palletization software
- RecmiPilot Monitoring software

- Spacious design for optimum accessibility and production visibility
- Movement flow that protects products while maintaining production rates
- Wide variety of products using a specific gripping tool and a gripping module that automatically adjusts to the format
- Various production configurations for upstream equipment

Designed for high production rates

The Robofolder 700 is equipped with two 6-axis robots for palletizing at output rates of up to 700 stacks/hour.

- 4-Side jogger
- Gripper with interleaving function
- Patented gripper with contact sensor
- RecmiPal Palletization software
- Automatic pallet management
- Interleaf insertion during the cycle of pile placement on the pallet for high speed

Product protection, palletizing quality

4-Side jogger system principle

High pallet stability even with complex products

- Placement which ensures the protection and secure holding of asymmetrical products
- Gripper with sensor that comes into contact with the previous layer and guarantees precise, gentle application (no product fall-out), which is particularly important for stacks of asymmetrical or bulky products
- Placement of adjoining stacks to ensure stability of both stacks and pallets
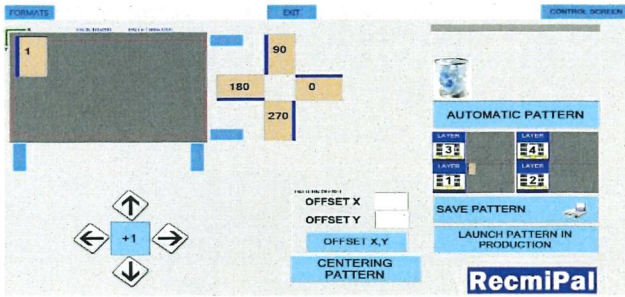- Automatic interleaving which ensures pallet stability

Interleaf pick-up and placement

Multi-function gripper

The gripper tools are equipped with a system which enables the machine to implement interleaving and pack palletization in the same cycle, shorter cycle time, higher speed.
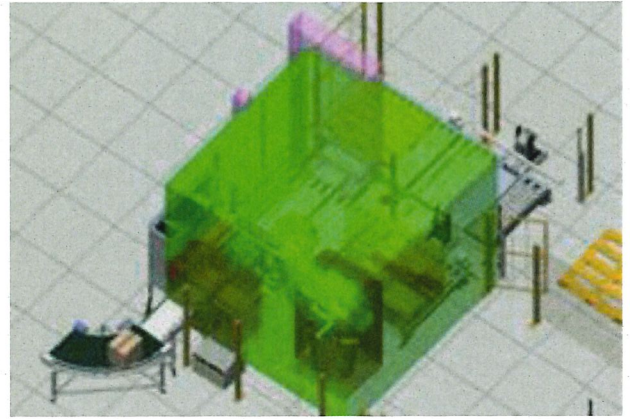
RecmiPal software

The **RecmiPal** software supplied as standard enables palletizing layouts to be generated automatically, based on product and pallet formats.

These layouts can be saved and called up at a later date.

The interface is both quick and intuitive to use.
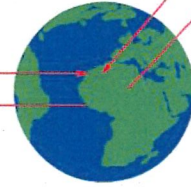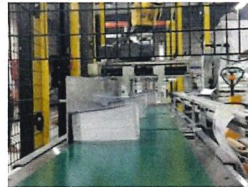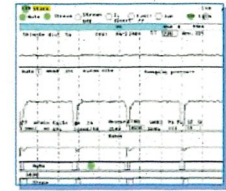
Safety module

- Operator safety guaranteed by protective mesh enclosures, safety light curtains, interlocking doors, etc.
- Additional virtual safety fencing surrounding the robot
- Compliance with **Level 4 CE Standards**

OPTION
Telemaintenance system

- Secure access by means of fixed RECMI IP address identification, password and VPN

- Possibility of incorporating the remote maintenance system into the client company's security strategy via IP

- Programming software for the various components installed on an industrial PC platform

Remote assistance via Internet and reduced maintenance costs

- Remote intervention to modify the client's production parameters
- Remote diagnostics
- Remote parameter and settings management

Technical specifications

Min/max product length	190 mm – 380 mm
Min/max product width	100 mm - 290 mm
Product height	minimum 30 mm, maximum: 210 mm (other, please enquire)
Weight of the pile, max.	15 Kg
Height of the pallet, max.	1000-1600 mm
No. of piles per hour, max.	Placement of joined or non-joined piles, with interleaves (multi-function gripper): 700 piles / hour (according to configuration and products)
Pallet type	EUR-pallet 800 x 1200 mm, 1000 x 1200 mm, 600 x 800 mm other formats, please enquire