

GT-COMBO

COLLABORATIVE PALLETIZING ROBOT

Intelligent automation
to increase your productivity
and reduce costs.



HIGHER
PRODUCTIVITY



MAXIMUM
SAFETY



QUICK RETURN
ON INVESTMENT



FLEXIBLE AND
VERSATILE

GT-COMBO is a collaborative palletizing robot designed to adapt to different formats, production volumes, products and production lines. Compact, safe and easy to use, it is the ideal solution for companies looking to automate the end of line with full reliability.



**INTEGRATION
AND LOCAL
TECHNICAL SUPPORT**
ENGLISH LANGUAGE SUPPORT

CE MARKED



Delivered with:

- User manual
- CE Declaration of Conformity

PALLETIZING PROCESS



1. LAYER PICKUP

The robot picks up the layer from the production line.



2. TRANSFER

The robot moves the layer with smooth and precise movements.



3. PALLETIZING

The layer is placed in the selected area of the program.



4. COMPLETE PALLET

The robot repeats the cycle until the pallet is completed automatically and safely.



8-10
CYCLES / MIN*

STANDARD PALLET
HEIGHT: UP TO 2300 mm
ADJUSTABLE LAYER HEIGHT
UP TO 200 mm*
UP TO 2700 mm*

*Depending on product and configuration

PRODUCTIVITY

- ✓ Up to 8-10 cycles/min*
- ✓ Double the workload (left/right)
- ✓ Quick change of formats and recipes
- ✓ Recipe management from touchscreen HMI
- ✓ Compact and easy to maintain design
- ✓ Maximum reliability with low maintenance



PALLETIZING SOFTWARE IN ENGLISH

- ✓ Complete HMI touchscreen panel in English
- ✓ Real-time 3D visualization of palletizing
- ✓ Job and recipe management
- ✓ Pattern and layer configuration
- ✓ Alarm and system status diagnostics
- ✓ Access to different user levels
- ✓ On-site technical assistance in English



SAFETY AND CE COMPLIANCE

- ✓ CE marked equipment
- ✓ Risk assessment and technical documentation
- ✓ Available technical file
- ✓ Operator Manual
- ✓ User and maintenance manuals in English
- ✓ Integrated safety system
- ✓ Operator access control
- ✓ Adapted to European standards

APPLICABLE STANDARDS

- ✓ Machinery Directive 2006/42/EC
- ✓ Regulation (EU) 2023/1230
- ✓ EMC Directive 2014/30/EU
- ✓ Low Voltage Directive 2014/35/EU
- ✓ ISO 12100:2010
- ✓ ISO/TS 15066:2016
- ✓ ISO 13849-1:2015
- ✓ IEC 62061:2005/A1:2012

RETURN ON INVESTMENT

- ✓ Reduced labor costs
- ✓ Decrease in errors and waste
- ✓ Improved occupational safety
- ✓ 24/7 operation
- ✓ Fast return on investment
- ✓ Increased competitiveness



ESTIMATED ROI

Amortization thanks to cost savings and increased productivity.

TECHNICAL DATA

Payload	35 kg / 45 kg
Reach	1780 mm
Pallet height	Up to 2300 mm Adjustable up to 2700 mm*
Cycles	8-10 cycles/min*
Installed power	2.5 kW
Air pressure	6 - 8 bar
Air consumption	Approx. 350 NI/min
Protection rating	IP54
Operating temperature	0 °C to 45 °C (without condensation)

KEY FEATURES

- ✓ Safe and efficient collaborative robot (cobot)
- ✓ Easy programming via intuitive interface
- ✓ Customizable gripper according to product
- ✓ Stainless steel structure
- ✓ Quick installation in existing lines
- ✓ Compact design with high reliability

INTEGRATED SAFETY

- ✓ Safety scanner 3D
- ✓ Collision detection
- ✓ Automatic system stop
- ✓ Safety fence with access door
- ✓ Controlled stop per operator



APPLICATION SECTORS

