



The robotized palletizer is the result of lengthy sector experience and an appreciation for automation through advanced technology.

Designed maintaining reliability, integrated or stand-alone, it guarantees precision, speed, and repeatability through technology.

Thanks to the use of state-of-the-art CAD/CAE design, the robot's configuration is truly flexible and able to adapt to all types of palletizing needs.



### High performance

Speeds and reliability incomparable with traditional palletizers can be achieved when palletizing small packages such as cases and bags thanks to the flexibility and performance of the industrial robots. The system that grips the entire layer can handle all kinds of shapes (designs) and can put them onto the pallet with the precision that characterizes this range of robots (0.5 mm). Squaring of the layer is entrusted to four mobile self-regulating sides that permit impeccable palletizing of even "difficult" products like bags. When necessary, an interleaf is fed between the layers to give the load maximum stability. The RP100 robot with two infeed lines represents a classic example of a line. Palletizing onto several pallets is also possible in the case of different or "customized" products. This configuration permits palletizing 210 bags per minute with a 60-bag layer using only 65% of the robot's potential.

### Power and speed

The power of the FANUC robot covers every palletizing need with capacities from 6 Kg to 400 Kg, always distinguished by maximum speed and precision – all you have to do is thinking of new products to palletize.

### Easy use

The robot's movements, parameter settings, subprograms, and naturally self-learning of positions may be easily programmed with the portable programming unit. The robot may be programmed from a PC and can be connected to other devices such as scanners, printers, color sensors, network communication, and cameras for machine vision.

### Flexibility

All problems relating to traditional palletization are successfully overcome with these robots. They are automatically able to change pallets, position interleaf and glue, wrapping paper and coverings. The layer preparation line was designed for maximum flexibility when changing formats. The ideal application for this robot is centralized palletization with several products and different destination pallets. This configuration best expresses the system's flexibility and power.

