



▶ Robot Layer
Palletizer

Robot Palletizer



Robot palletizers are the perfect solution to optimize the palletizing for mid speed productions by successive pick and place operations. By retrieving packs from specialized infeed conveyor and consequently placing and stacking them forming the pallet layer after layer, are suitable to palletize shrink packs, cardboard cases, trays and other type of packages.

These palletizers integrate an industrial Anthropomorphic Robot arm, delivering high performance and movements flexibility capabilities, in addition to low maintenance requirements. Ideal for companies looking for a standardized, simple and reliable palletizing solutions to comply with production efficiently.

Robot palletizers are widely used to palletize products, particularly in situations where it's needed to palletize packages or cases with easy-stacking characteristics.

An automated format change-over system may be implemented, depending on the product range to be palletized and the specific design process of the product gripper. Which enables greater flexibility and improved performance on this type of solution.



DESCRIPTION

The product is fed to the machine by a synchronized conveyor and transferred onto a picking position, sorted by product spacing and turning devices. The gripper head can collect one or multiple packs at a time and by means of an industrial robot arm, it will deposit them onto the pallet according to the pre-set configuration.

Operator interface (HMI), for the management of the whole line. Additionally, to format change operations, manual movement, machine diagnostics, alarms and further visual and acoustic signals.

Automation of empty pallet infeed, full pallet outfeed and interlayer application.

150
Air Consumption
Litres / min

45
Packs / min

15kw
Setup Power

4.5
Cycles / min



Industries



• Aerosol



• Food
• Food Fridge



• Chocolates
• Candys



• Personal Care



• Drinks



• Coffee
• Pasta



• Paints
• Pinturi



• Farmacy



• Paints



• Home Health



• Appetizers



• Pet food

Packaging



Containers



Film



Cases



Open-Lid Cases



Tray and Film



Bags



**CENTRAL EUROPE
HEADQUARTERS**

Via F. Santi, 9 - Zona Ind. D4
15100 Alessandria, Italy

Tel.: + 39 0131 348268
Fax: + 39 0131 349999

info@italpal.it

**SPAIN, PORTUGAL
& UK**

Issac Albeniz 101,
28222 Majadahonda, Madrid, Spain

Tel.: + 34 613 069 954

info@italpal.es

**LATIN
AMERICA**

Adolfo Alsina 3841, 1603 Villa Martelli,
Buenos Aires, Argentina

Tel.: +54 9 11 3794 30 67

contact@italpal-packaging.com