

INSTALATIONS



Fertilizers



Plastic pellets



Wheat flour



Potatoes



Sands



Mortars



AUTOMATIC HIGH LEVEL  
LAYER PALLETIZER

[www.tnipal.com](http://www.tnipal.com)

whole bagging lines  
own design and manufacturing



**High level layer palletizer** ILERPAL, by **side pushing** and **mobile platform** are designed to provide maximum benefits for years with minimal maintenance.

The ILERPAL series allows palletizing a wide range of products in various formats and levels of production. The smoothness of operation eliminates sudden starts and stops with the consequent extension of life of mechanical parts. The careful selection of materials with high strength steels and PE-1000 for coating sliding areas, ensure a high quality pallet stacking.

**CHARACTERISTICS**

- Top layer palletizer, with counterweighted motorized elevating platform.
- Side conditioning stops for each layer forming.
- Bag turning systems depending of bag type and required output.
- Sliding plates for layer forming with low-friction coefficient coatings.
- Top layer pressing against floating sliding plates.
- Positioning systems based on robotic controls (CNC) to reach optimum accuracy and smoothness for movements.

**OPTIONS**

- Treatments against corrosion.
- ATEX versions for installations into Classified Areas.
- Automatic dispensers for carton sheet or PE film.
- Specific modules to handle other formats such as boxes or shrink packs.
- Different types of pallet dispensers and pre-conditioning systems for bags.



Whole palletizing and wrapping/hooding lines



Palletizing of boxes


**DETAILS**


Automatic pallet dispenser



PE film dispenser



Carton sheet dispenser



Motorized belt flattener



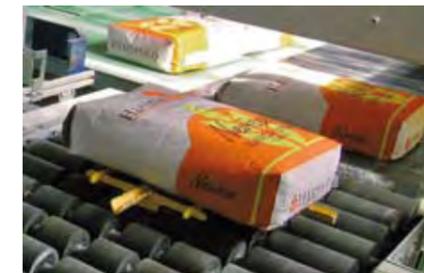
Idle rolls flattener



Special treatments for corrosive products



Special modules for high outputs



Bag turning by grid



Bag turning by FLAP



Special modules for boxes and shrink packs



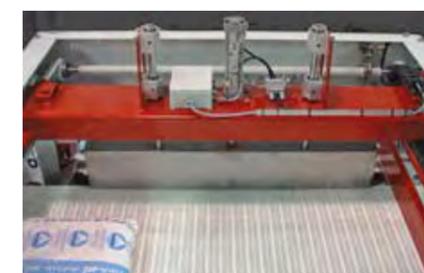
Automatic stapling system for film or sheet on empty pallet



Motorized side plates for layer conforming



Layer forming plates



Special belts for bag sliding



Top layer pressing