



bagging & palletizing

 ILLERPAL H



HYBRID BAG PALLETIZER
WITH ROBOTIC GRIPPER, LAYER
COMPACTING AND MOBILE
PLATFORM

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Técnicas Mecánicas Ilerdenses, S.L.

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QUICK GLANCE



1000 bags/hour



BENEFITS

- Allows to overlap the bags, preventing them to protrude off the limits of the pallet
- Perfect shape of the end pallet
- Between 1 and 1'5 kW of energy saving in the elevation platform, 20 % to 25% consumption reduction on the gearboxes and longer lasting of the mechanical elements due to the use of low friction surfaces.
- Flexibility and quickness on format' changes
- Smooth, accurate and quiet operation
- Reduced footprint
- Rigid and accurate machine



FEATURES

- Outputs up to 1.000 bags/hour depending on palletizing formats and number of layers
- Vertical bag's elevator
- Layer formation by means of a robotic gripper on Cartesian axes
- Counterweighed elevation platform, driven by motor-gear with frequency inverter
- Layer forming zone equipped of a double slide-gate with a low friction coating made of polyethylene (PE-1000)
- Only electric and pneumatic actuators
- Side and frontal forming dams, motorized and driven by double rack
- Top flattening of each new layer against the sliding gates
- Pallet's centering device at the elevation platform
- Automatic pallet dispenser, entrance and exit roller conveyors

APPLICATIONS

- Agro-feed: Seeds, cereals, cattle feed, pet-foods, premixes, and others
- Foodstuff: Flours, semolina, ingredients, milk powder, cocoa powder, sugar, and others
- Chemical & Petrochemical: Fertilizers, PVC, plastic granules, and others
- Building & mining: Mortars, sepiolite, perlite, salt, glass, frit, and others
- Recycling: Biomass pellets, Shredded tyres, and others

OPTIONS

- Carton sheet dispenser on empty and/or full pallet
- Dispensing and stapling of a PE sheet (from a roll), on empty pallet
- Automatic dispenser of an interlayer anti-sliding paper-sheet (from a roll)
- Anti-corrosive versions to handle highly aggressive products
- ATEX versions for installation in Classified Areas



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