

# ILERPAL C

High-level automatic sweep-type palletiser with mobile pallet forming platform

Output: Up to 2,800 bags per hour  
 Maximum pallet height: 2,700 mm  
 Bag overlap: NO  
 Layer forming: YES



## BENEFITS

THE ILERPAL C HIGH-LEVEL AUTOMATIC PALLETISER OFFERS...

- Energy savings
- Component savings
- Perfect pallet finishes
- Gentle, quiet, precise palletising
- Flexible, quick format changes
- Simple, intuitive handling
- Easy, quick maintenance

## APLICACIONES

- Agri-food: seeds, grains, animal feed, pet foods, premixtures, etc.
- Food: sugar, semolina, flour, ingredients, powdered milk, cocoa powder, starches, etc.
- Chemical and petrochemical: plastic granules, PVC, fertilizers, etc.
- Construction and mining: sepiolites, perlite, mortars, salt, glass, frit, etc.
- Recycling: biomass and plastic pellets, substrates, shredded tyres, etc.

# TECHNICAL SPECIFICATIONS

## POWER SUPPLY:

VOLTAGE: 380 III N+T 50 Hz

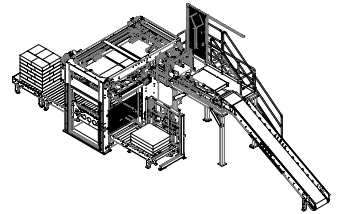
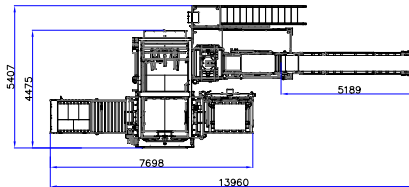
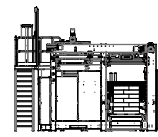
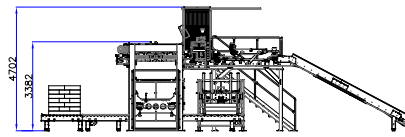
CONTROL VOLTAGE: 24V

POWER: 27 kW

## PNEUMATIC SUPPLY:

PRESSURE: 6 bar

CONSUMPTION: 350 NL/min



## CHARACTERISTICS

- Output up to 2,800 bags per hour, depending on the palletising layouts and number of layers.
- Bag conditioning and rotation before palletising area. The means of carrying out these processes depend on the product, type of bag and speed required.
- Counterweighted lift platform, operated by a geared motor and frequency changer.
  - The gears used in this palletiser ensure savings of between 20% and 25% compared to other types of gears used in palletising systems.
- Double layer-forming gate with bag sweep areas coated in polyethylene (PE-1000) to slide the layers onto the pallet more smoothly.
- Motorised side and front guides, driven by a double rack-and-pinion mechanism.
- Top layer compaction system, consisting of pushing each layer against the top floating platforms using the lift platform.
- Pallet centring on the lift platform.
- Automatic pallet dispenser, empty pallet infeed conveyor and loaded pallet outfeed through roller conveyors.
- Low-friction movements during the palletising process, thus improving the mechanical components' longevity.

## OPTIONS

- Cardboard sheet dispenser for empty pallets and/or loaded pallets.
- PE sheet dispenser from the roll for empty pallets, with stapler for securing.
- Automatic paper insertion between layers from the roll.
- Tackle to make changing rolls easier.
- Anti-corrosion versions for corrosive products.
- ATEX versions for work in Classified Zones.