

# ILERPAL H

Hybrid layer palletiser for open-mouth bags

Production: Up to 900 bags per hour  
Maximum pallet height: 2,700 mm  
Bag overlap: YES  
Layer forming: YES



## BENEFITS

THE ILERPAL H AUTOMATIC HYBRID PALLETISER OFFERS...

- Open-mouth bag overlapping
- Optimal pallet finishes
- Energy savings
- Component savings
- Gentle, quiet, precise palletising.
- Flexible, quick format changes
- Optimised plant space
- Versatility for handling a wide range of formats

## APPLICATIONS

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

# TECHNICAL SPECIFICATIONS

## POWER SUPPLY:

VOLTAGE: 380 III N+T 50 Hz

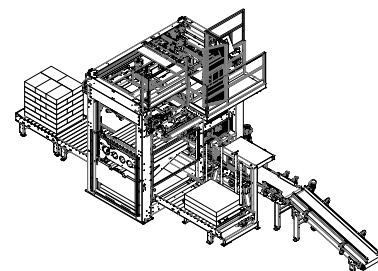
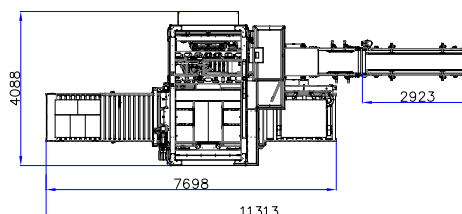
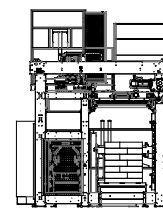
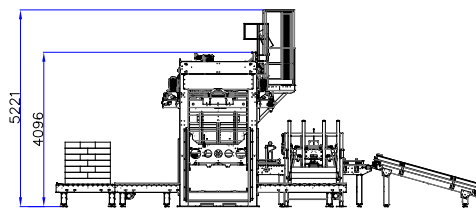
CONTROL VOLTAGE: 24V

POWER: 28 kW

## PNEUMATIC SUPPLY:

PRESSURE: 6 bar

CONSUMPTION: 400 NL/min



## CHARACTERISTICS

- Production of up to 900 bags per hour, depending on the palletising layouts and number of layers.
- Vertical bag lift to save space, compared to the usual inclining palletiser infeed conveyor.
- Robotic gripper on Cartesian axes to form layouts with overlap.
- Counterweighted lift platform, operated by a geared motor and frequency changer.
- 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, infeed and outfeed roller conveyors.
- Exclusively electric and pneumatic drives.
- The gears used in this palletiser ensure savings of between 20% and 25% compared to other types of gears used in palletising systems.
- 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.