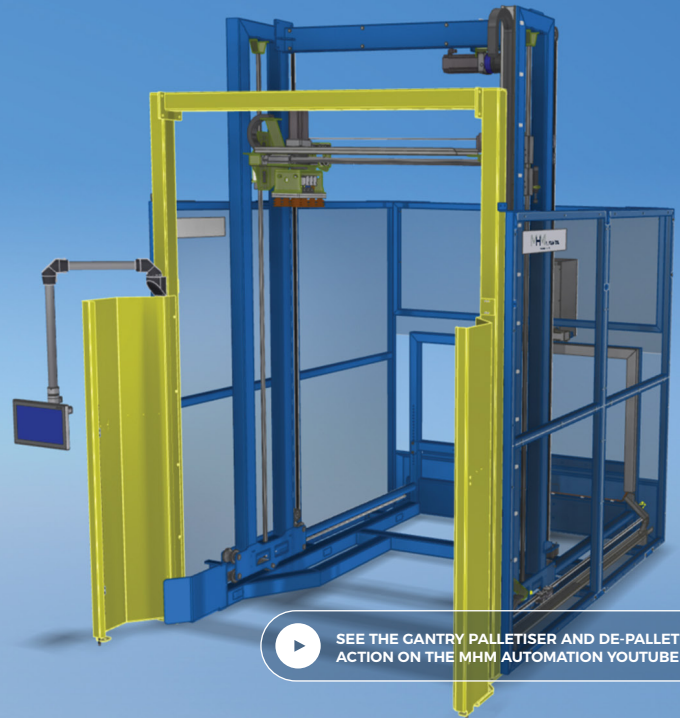




GANTRY PALLETISER AND DE-PALLETISER

SIMPAL50



SEE THE GANTRY PALLETISER AND DE-PALLETISER IN ACTION ON THE MHM AUTOMATION YOUTUBE CHANNEL

An affordable and reliable palletising and de-palletising solution, ideal for medium throughput operations.

The H&C Gantry Palletiser and De-palletiser, also known as SIMPAL50, is a simple and robust, small-footprint palletising unit capable of handling low to high load boxes, sacks or bags.

Its gantry-style operation means a low upfront investment and quick payback in smaller-scale palletising and de-palletising operations where a robotic palletiser cannot be justified. The SIMPAL50 is easy for operators to programme via a touch-screen HMI to handle various products and pallet configurations.

APPLICATIONS

- › Palletising or de-palletising product in boxes, sacks or bags weighing up to 50kg (110lb)
- › Lines with consistent sized product and speeds of up to 8 boxes a minute

BENEFITS

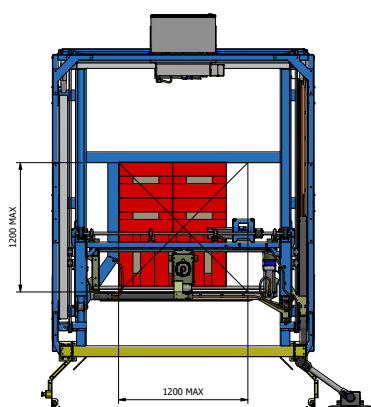
- › Low-cost alternative to a robotic palletiser
- › Reduces labour requirements, allowing staff to be re-deployed to higher value work
- › Eliminates manual handling and the associated risk of injury
- › Able to be used for multiple product types
- › Easily installed and programmed by operating staff
- › Simple, robust design minimises maintenance requirements

FEATURES

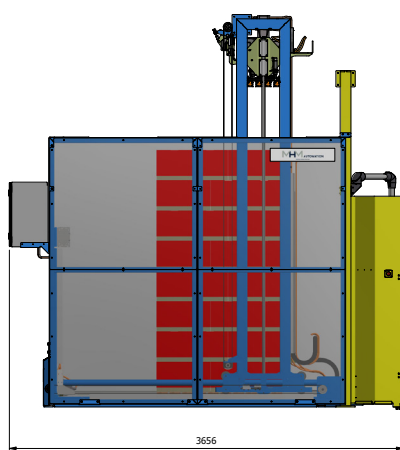
- › Simple to assemble and commission
- › Safe to use, enclosed with light curtain
- › Simple human machine interface (HMI) with pictorial, step-by-step instructions
- › Operator can specify the product attributes and palletising pattern
- › Custom-designed end effectors to suit your product



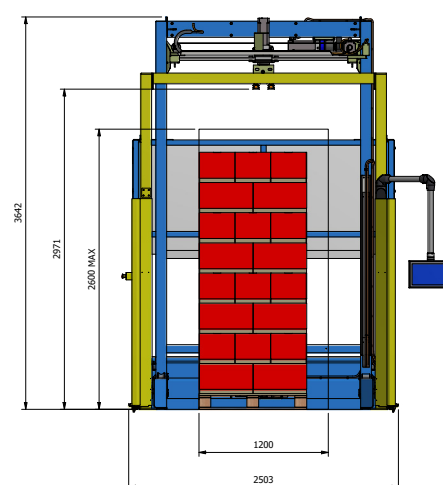
MACHINE DIMENSIONS



PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION

CAPACITY

Minimum box dimensions	150mm (6") L x 150mm (6") W x 100mm (4") H
Maximum box dimensions	813mm (32") L x 599mm (23 ½") W x 550mm (21 ½") H
Maximum box weight	Up to 50kg (110lb)
Throughput rate	8 boxes per minute