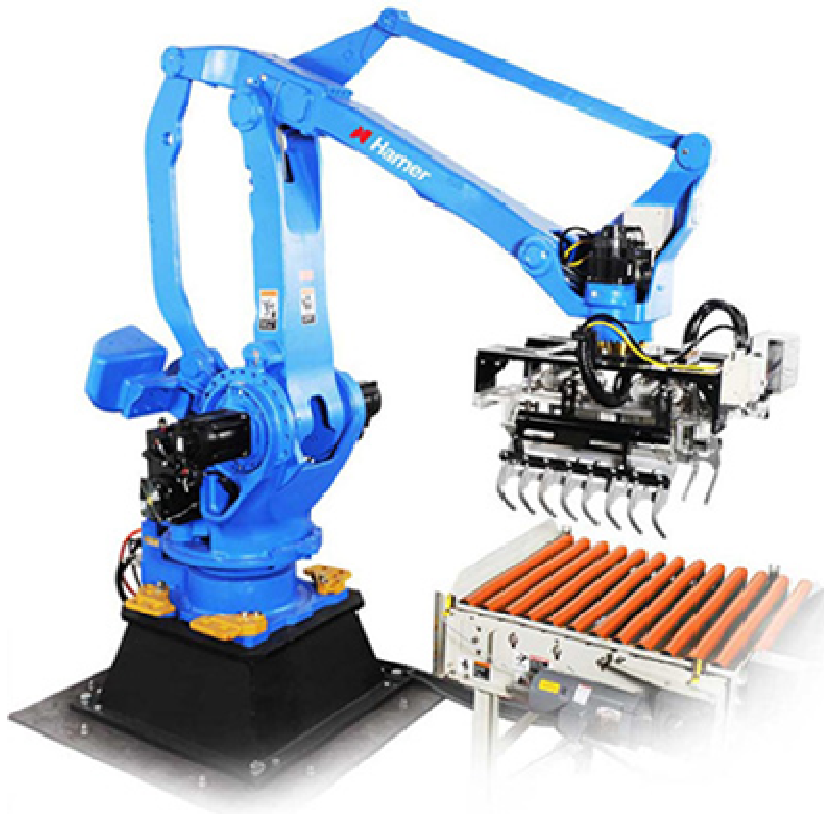


Robot palletizer R160



Description: the robot is used to stack bags of up to 40 kg onto a pallet, from one or two production lines. With a maximum output of 600 bags per hour, the robot can stack one or two pallets at a time, and be customised to your specific needs and production requirements

Process: The bag is picked off a horizontal reception table with the gripper arm and palletized into the pre-programmed position. Different stacking patterns and multi functions can be programmed to suit.

Key advantages:

- **Can handle many different types of bags thanks to the easy adjustment of the gripper**
- **Easy to use**
- **Compact**
- **Low cost maintenance**
- **Quick return on investment**
- **Large choice of grippers**

Main components of the robot:

- Collection table to pick the bag from the production line
- End of arm gripper to catch the bag, to direct it and to install it on the pallet
- Plinth
- Control panel model DX200 to control the robot
- Frame to place manually the pallet on the ground
- Safety fences with interlock access door

Dimensions:

- Robot surroundings: 3m x 3,5m (minimum)
- Weight of the robot: 1780 kg
- Maximum height of the pallet: 2,1 m
- Pallets (mm): 800 x 1200 or 1000 x 1200

Optional extras:

- Bag flattener
- Pallet dispensers that automatically deliver a single pallet to the robot from a stack of pallets
- Automatic slip sheet dispensers
- Picking on 2 lines
- Outfeed conveyors that take pallets with full stacks away from the robot
- Touch screen programming panel
- Automatic adjustment of the gripper according to the width of the bag

Major segments: flour, animal feed, fertilizers, seeds

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