NAUGRA®

Product name:	Product code:
Industrial Palletizer Tri Tech	EEH0017



Description

Industrial Palletizer Tri Tech

Technical specification

- Two flow limiters.
- A set of hydraulic cables.
- A set of protective hydraulic plugs.

A control cabinet equipped of:

- A PLC Schneider NANO including 9 inputs and 7 outputs, a UNITEL WAY port and a RS485 MOD-BUS port.
- An interactive terminal MAGELIS XBTP, 2 lines of 16 characters and 12 keys functionsA magneto thermal starting and protection system for the motor starting.
- A safety logic block (PREVENTA or equivalent) to manage the openings of the doors.

Front view

- A power on light.
- An emergency stop button.
- A padlocked disconnecting switch.
- A power on button.
- Predisposition for the electric actuator.
- Predisposition for the pneumatics pre-actuators and the electric actuator.

Technologies of the detectors

- Opto-Electronic.
- Inductive of proximity.
- Safety detection with key for the doors.

Technologies of the actuators:

Hydraulic technology:

- The equipment is equipped of origin with hydraulic actuators on the loading device and on the palletization table. These actuators can be replaced, respectively, by a pneumatic and an electric equivalent.

Electric technology:

- The package is provided with a replacement kit of the palletization hydraulic jack (jack of the table) by an electric jack. It is supplied with all the connecting accessories.

Pneumatic technology:

- The package is supplied with a replacement kit of the table loading hydraulic jack by an pneumatic jack equipped with a flow limiter. It is supplied with all the connecting accessories, an FRL plate with a safety solenoid valve, a pneumatic distributor.

Supplied with the machine:

- 15 steel plates: thickness 4 – 400 x 400 mm.

- 15 panels of “Medium”: thickness 20 – 400 x 400 mm.
- The technical manual.
- The training manual, dedicated to Maintenance.
- ” Breakdowns” Kit, including some real, deficient components.
- 1 deficient hydraulic jack.
- 1 distributor coil in short circuit.
- 1 deficient distributor (worn-out slide).
- 1 deficient limit switch.
- 1 deficient inductive sensor.
- 1 deficient safety lock.

Options:

- Subsystems for technological studies.
- Complementary lift table.
- Complementary hydraulic power station.
- Complementary hydraulic Jack.

Supervision:

- The software communicates in MOD BUS by a RS485 link with the PLC. It allows mainly the access to the parameterization by various application windows and a data historization of the alarms.

Dimensions and weight

(L x l x w): 4600 x 1600 x 1700 mm – 450 kg

Industrial Palletizer Tri Tech Manufacturer

Mechanically welded fame with protective grille enclosure including:

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- A table with rollers for the supply of the palletizer.
- A palletization table actuated by an hydraulic lifting jack of diameter 50 mm and secured by a balancing valve.
- A loading device actuated by a translation hydraulic jack.
- A table with rollers for the emptying of the pallets.
- Access to the machine by a door with a door electric contact and a key locking device.

A separated hydraulic power station including:

- A motor-pump device 0,75 kW, 3 liters/minute, pressure: 80 bars.
- A tank of 28 liters equipped with a visual level, with thermometer,an air filter, a filling and draining plugs, and a backflow filter.
- A pressure limiter.
- A pressure gauge.
- Three electro-hydraulics distributors.