

## **STRAPPING MACHINE SM702-PTBS 1250**

### **MACHINES DESCRIPTIONS**

#### **System consists of:**

- 1 Strapping machine 1250 mm x 500mm wheel mounted
- 1 Pneumatic Press
- 1 Pack squaring bench with motorized roller conveyor
- 1 Small pneumatic press with wheels on the inlet side
- 1 Adjustable press with wheel on the outlet side
- 1 Side manual squaring devices group

#### **Technical characteristics of the strapping line :**

- Arch clearance: Height 350 mm.
- Arch clearance: Width 1250 mm.
- Working surface height 840 mm from the ground
- Driven pack forming bench
- Installed power 1,5 KW
- Electric power 400 Vac 50 Hz
- PLC input signals 24 Vdc
- Switchboard with OMRON CPM PLC

#### **Operation**

The operator collects the boxes, already counted and formed, from the folder gluing delivery belt.

With a slight compression against the side wall of the bench, the boxes are squared off and transferred to the strapping module.

The operator selects the correct strapping application either one or two straps, which can be selected from the units control panel..

At the end of the strapping cycle, the completed pack - squared off and strapped – leaves the machine automatically.

The squaring devices and the upper press are manually adjusted to the size of the pack..



**Characteristics of the SM702 Strapping Machine:**

- Automatic high speed strapping machine: 65 straps/min.
- Strap used: from 5mm x 0,45mm; inner coil Ø 200mm x 190mm
- Arch size: 1250 x 500
- Strap tension from 0-45 Kg. Regulation by means of a potentiometer
- Smart automatic jam removal with ejection of the strap ring
- Coil change on the side of the machine with automatic strap loading
- Adjustable strap welding (for strong tension)

**PROJECT DATA**

- Mains frequency 50 HZ
- Voltage 400 V Three phase + T+N
- Colour of the structure RAL 7032
- Colour of moving parts RAL 2004
- Colour Electrical board RAL 7035

