

SOVEMA S.r.l.

Costruzione, Revisione, Manutenzione Macchine Automatiche

Via del Viticoltore 9c - Loc. Poggio Piccolo- 40023 CASTEL GUELFO DI BOLOGNA Italy

Telefono : 0542/670656

Fax :0542/670659

PartitaIva : n. 00679531202 - Codice Fiscale : 03939040378

Sito internet : www.sovemasrl.it - e-mail : info@sovemasrl.it

ITEM 1:

EOE Conversion System for food products

The System based on a high speed press, entirely tooled and customized by Gm Technologies with 1 multi station two independents lanes end die and 1 double tab die. Speed: up to 450 spm.

TOTAL PRODUCTION 300-500 ENDS PER MINUTE

Yearly estimated production: 100.000.000 ends, based on three shifts a day x 250 working days

A. PRESS

| |
|--------------------------------|
| High speed press |
| Voltage: 380V, 3 phases, 50 Hz |
| Motor with inverter |
| Capacity: 75 ton |
| Speed: up to max 500 spm |
| Oil lube heat exchanger |
| Easy access to die set |

B. PRESS CUSTOMIZATION

- Additional tables fixed to the press in accordance with tooling to be assembled
- Indexing system and its connection to the press main shaft of belt system for ends transfer trough the end die
- Indexed end feeding system
- N°2 Down-stacker systems for shell feeding on the belt
- N° 1 Chopper to tab stock skeleton cutting
- Slugs aspirator complete with connecting pipe lines
- Connecting windows
- N.4 Vibration pads

SOVEMA S.r.l.

Costruzione, Revisione, Manutenzione Macchine Automatiche

Via del Viticoltore 9c – Loc. Poggio Piccolo- 40023 CASTEL GUELFO DI BOLOGNA Italy

Telefono : 0542/670656

Fax :0542/670659

PartitaIva : n. 00679531202 – Codice Fiscale : 03939040378

Sito internet : www.sovemasrl.it – e-mail : info@sovemasrl.it

C. DOUBLE END DIE

- 4 leader pins for upper and lower shoes guide
- Shell design: according your specifications
- End thickness and material: according to your specifications
- N° 2 multistations end lanes: 8 stations (4 rivet forming, 1 score, 1 panel, 1 riveting, 1 tab checks and carries folding)
- Vacuum box system for end transfer and belt guide

D. DOUBLE TAB DIE

- Material: 0,25 mm DR550/DR620
- Tab design as per "GM2 tab"
- 2 leader pins for upper and lower shoes guide
- Station numbers and tab progression in accordance with "GM2 tab" drawings or with other tab design
- Bridge and upper stake station for strip tab cutting

E. ELECTRICAL CABINET - CE certification

- Power supply: 380V or 220V as per customer's requirements
- Safety micro for die set area access control
- Inch/Continuous/strokes run
- Automatic Tab running device during the new tab insertion
- Emergency stop
- Missing/Double end check on exit window of each lane.
- Tab presence sensor
- Tab die scrap ejection sensor
- Tab stock advancing sensor
- Tab stock ending sensor
- Remote control via Modem
- In accordance with CE requirements
- Warning lights
- Display for: alarms history, alarms activated, counters, crankshaft angle...etc
- Safety guards