

# Servo Softgel Machine

## 880SR

### FEATURES

Changsung softgel system is introducing a new concept of softgel machine in the world first.

The Machine speed is 6rpm with big size of die roll.

No noise, perfect safety device, no slide valve !!!



### SPECIFICATION

**Dimension:** 2400(L) × 1350(W) × 2059(H)mm

**Weight:** 1,800Kg

**Electric power:** AC 220, 380, 400V / 50,60 Hz / 3Ph

**Power consumption:** 16Kw

**Die roll speed:** 6rpm

**Compressed Air:** 5Kg f/m<sup>2</sup>

**Die roll size:** Ø150 × 320mm

#### *Special features*

- 1) Anodizing aluminum and stainless steel
- 2) Contact part : STS 316
- 3) In compliance with GMP
- 4) Complying with TIR securely
- 5) Driven by servo motors
- 6) Easy to change the filling volume on the touch screen (AFA)
- 7) Auto gel thickness control system included (AGT)
- 8) Easy attachable capsule stripper net



### 1. Die roll housing

- Capsule forming device
- Capsule forming with wedge & die roll combination
- Die roll pressure check system (Load-cell for front and rear)

### 2. AGT (Automatic Gelatin Thickness)

- This system is interlocked with spreader Box
- No need manual thickness gauge tool
- Easy to set up the thickness of gelatin
- Easy device detachable from spreader box for cleaning
- Control automatically thickness by laser

### 3. Casting drum

- Gelatin ribbon formation device
- Enhanced juddering free water cooling casting drum Adjustable casting drum surface temperature
- TIR flatness  $\pm 0.03''$
- Water injection way in casting drum in order for cooling effectiveness

### 4. New designed Touch screen

- Machine control device

### 5. Die roll

- Die roll size  $\varnothing 150 \times 320\text{mm}$
- Increased productivity
- Automatic alignment & injection timing by touch screen (Reduce Setup-time)

### 6. Spreader Box

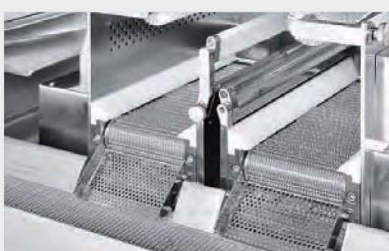
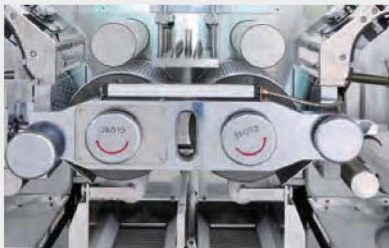
- Gelatin ribbon forming device
- Opening the slide to protect leakage of gel once the drum stop
- Automatic gelatin level sensor in spreader box
- AGT conneted

### 7. Conveyor

- There is no slope to deliver the capsules
- Detachable conveyor for easy cleaning

### 8. Wedge

- Injection up& Down by pneumatic system (air cylinder)
- No required shut-off valve



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|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 |   |



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