

S-DAI Zipper Sealing with In-Line Folding Machine

Technical Specification and Equipment Overview

ITEM	DETAIL
Manufacturer	S-DAI Industrial Co., Ltd. (Taiwan)
Machine	Zipper Sealing with In-Line Folding
Configuration	Integrated film folding, zipper unwinding, zipper sealing and web-handling system
Drawing Date	2018-05-24
Approx. Drawing Footprint	3067 mm x 1835 mm (plan-view dimensions shown on supplied drawing)
Condition	New / unused equipment

1. Folding Section

- Material unwind driven by 2 HP AC servo motor - 1 set.
- Dancing roller - 1 set.
- Unwind-diameter checking system for stopping before material is empty - 1 set.
- Laser sensor - 1 set.

2. Zipper Sealing Section

- V-board moving device - 1 set.
- EPC (Edge Position Controller) - 1 set.
- Air shaft - 1 pc.
- PLC control box - 1 set.
- Motor-driven zipper unwind - 1 set.
- Dancing roller for zipper - 1 set.
- Dancing roller for material - 1 set.
- Zipper sealing device with cooling - 1 set.
- Thermal (temperature) controllers - 2 sets.
- Infeed rubber roller - 1 set.
- Infeed motor, 1/2 HP - 1 set.
- Nip roller and 1/2 HP nip-roller motor - 1 set each.
- Electronic controller - 1 set.
- Signals for material-empty warning, zipper-empty warning, machine start and machine stop.
- Zipper tape unwind gear ratio 10:1 - 1 set.

3. Additional Unwind / Tension-Control Equipment

- Extra unwind air shaft - 1 pc.
- Low-tension unwind device - 1 set.
- Low-tension unwind package includes 1/2 HP infeed motor, inverter, infeed roller, SICK ultrasonic diameter checking, dancing roller, two guider-roller sets, distance-checking laser and associated program design.

4. Documentation

Manuals, original drawings and supporting technical documents are available for the machine and applicable components.