

Cf 18/04/2013

TECHNICAL DESCRIPTION MACHINE

MODEL SYNERGY SPRINTER 76-56

TECHNICAL DESCRIPTION

MOD. SYNERGY SPRINTER	76/104	56-76
Mechanical speed (the speed production is related to the kind of paper and to the technical characteristics of the employed film)	Mt 30/min	Mt 30/min
Size min. sheet (width x length)	cm 21x21	cm 21x21
Size max. sheet (width x length)	cm 76x104	cm 56-76
Feedings	Trifase 400V 50 Hz	Trifase 400V 50 Hz
Installed power	Kw 12	Kw 12
Compress air consumption	6 Bar 200 lt/min	6 Bar 200 lt/min

Machine complete of:

- POS. 1 AUTOMATIC SHEET FEEDER
- POS. 2 ELECTRICAL CIRCUIT BOARD
- POS. 3 CALENDER GROUP
- POS. 4 FORMAT REGISTER PROGRAMMER
- POS. 5 FILM SPOOL UNROLLING GROUP
- POS. 6 FILM TRIM CUTTER
- POS. 8 CUTTING SEPARATOR GROUP
- POS. 10 SHEETS COLLECTING RIGID BOARD

The laminating machines of Sprinter series are particularly suitable for the offset printers with integrated finishing. Thanks to easiness in work change these laminators are particularly indicated to small productions and fast work changes.

The standard machine is equipped of Automatic Feeder, Calender and Sheeter.

Thanks to its compact structure this machine can be installed in few minutes.

This machine can be fully controlled through a user friendly control panel.

The operator can easily set all the functional parameters of the machine, such as sheet length and overlap, and verify constantly the right functioning of the machine including the no. of laminated sheets.

The rubber pressure roller is provided of pneumatic movement with adjustable pressure up to 1500 kg in order to get always the best result with all the different kinds of paper.

The film used is the OPP precoated which may be glossy or mat. It results perfectly ecologic as it doesn't produce any emission in atmosphere.

Synergy Europe S.r.l., being direct producer of its machinery, can provide for a complete assistance and spare parts supply service.

We can also offer a wide range of machines which can cover all productive exigences and which includes all the most effective technologies of lamination available on the today's market.

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/// Standard equipment

POS. 1 AUTOMATIC SHEET FEEDER

- Solid steel structure with easy access
- High performance sucking head.
- Vertical and axial adjustment of sucking head
- Brushless motor dedicate to the sucking head
- Front registers + wheels
- Front alignment bars for sheet adjustment
- Dry vacuum pump
- Motorised platform for sheet pile rising

POS. 2 ELECTRICAL CIRCUIT BOARD

- On board fixed structure
- International electric and electronical components
- PLC with the following functions:
- Alarms management
- Sheet length
- Overlap set-up
- Sheet counter
- Automatic sheet separator management

POS. 3 CALENDER GROUP

- Solid steel structure
- Rubber rolls for sheet transport
- Chromed roll with high thickness polished chromium and internal electric heating system
- Rubber pressure roll with pneumatic movement and pressure up to 1500 Kg
- Heating calender through integrated thermal dry patented system

POS. 4 FORMAT REGISTER PROGRAMMER

- equipped with a electronic regulator with format selector

POS. 5 FILM SPOOL UNROLLING GROUP

- shelf -shafted spool loading system with axial and radial regulator ;
- Mechanic expanding shaft diam.76
- even tension braking system

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POS. 6 FILM TRIM CUTTER

- film spool cutting (STANDARD)

POS. 8 CUTTING SEPARATOR GROUP :

- Incision with abrasive wheel. High precision adjustment on paper thickness
- Drawing rubberised wheels provided with pneumatic movement
- Decurling and anti-skretch device
- Tearing rolls provided with refined height adjustment
- Automatic format position control

POS. 10 SHEETS COLLECTING RIGID BOARD

OPTIONALS

- **AUTOMATIC STACKER**
- **ANTISTATIC BARS**
- **RUBBER ROLLER**
- **FILM TRIM CUTTER+REWINDER MOTOR**

SYNERGY EUROPE S.R.L.

Synergy Laminating Technology
