



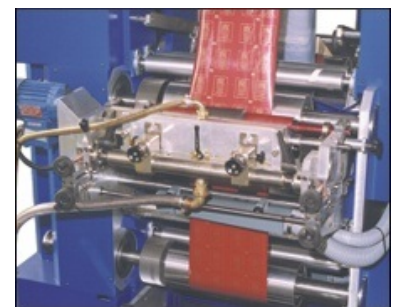
WITH FOUR INDEPENDENT ROLLERS WITH CENTRAL DRUM

MAIN FEATURES

- **Strong structure** made of electrowelded steel able to support the reels, the printing units and drying units.
- **Extremely easy** to position and level. No foundations required.
- **The form rollers and half-tone rollers** can be very easily and quickly replaced, thus reducing machine down times to the minimum.
- **All components** that come into contact with the printing ink are made of stainless steel.
- **Variator ("PIV" type)** installed under the drying zone in order to keep the printed material correctly tensioned (regardless of the winding tension).
- **Heated tunnel** to heat the chamber so that the printing ink can be dried.
- **Push-Pull system (can be heated)** for intermediate ink drying between printing units in order to ensure the colours overlap correctly.
- **Easily positioned electric cabinet** to optimize the available space and the operator's movements.
- **Pre-engineered for the use of solvents.**



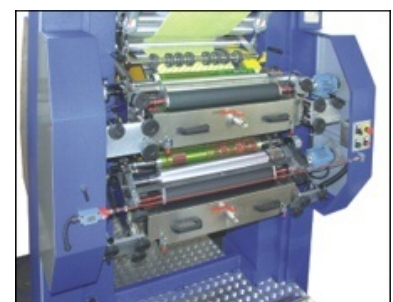
Detail of Corona System



*Detail of printing unit
with doctor blade*



*Details of "Cutting Unit"
(multi-line)*



*Detail of printing unit
with ink fountain*

Macchina da Stampa Flessografica

| Technical specifications | | | | |
|----------------------------|---|---------------|---------------|---------------|
| Designation | SF- 4X1 - 450 | SF- 4X1 - 600 | SF- 4X4 - 450 | SF- 4X4 - 600 |
| N° Colours | 4 | | | |
| Max. paper passage | 460 mm | 610 mm | 460 mm | 610 mm |
| Print width | ~ 450 mm | ~ 600 mm ca. | ~ 450 mm ca. | ~ 600 mm ca. |
| Printing plate lenght | from 240 to 500 mm in 5 mm steps (between 76,4 and 159 mm) | | | |
| Printing speed | varies from 0 a 50 m/min with ink fountains | | | |
| Motor power | 5,5 kW | | | |
| Power installed (total) | ~38 kW (with upper drying elements and lower drying elements) | | | |
| Voltage and frequency | 380V threephase + neutral (±5%), 50Hz (±5%) + earth | | | |
| Compressed air consumption | 10 NI for each sheet press action | | | |
| Max dimensions of machine | Lenght = 5500 mm / Width = 1500 mm / Height = 3000 mm | | | |
| Machine weight | ~ 3800 kg. | ~ 4000 kg. | ~ 3800 kg. | ~ 4000 kg. |

Optional accessories (not supplied with basic machine)

Film guiding device

to ensure the film is always centered.

Corona system

for improved ink adherence.

Rubber coated roller

to print the "solid background".

"Doctor blade" device

with closed chamber and independent ink dispenser (one for each printing unit).

Film display

automatic or manual, to correct any printing defects (alignment, adjusting, etc.)

Cutting Unit (multi-line)

in order to cut into several parts the film coil

