SPS® RSS
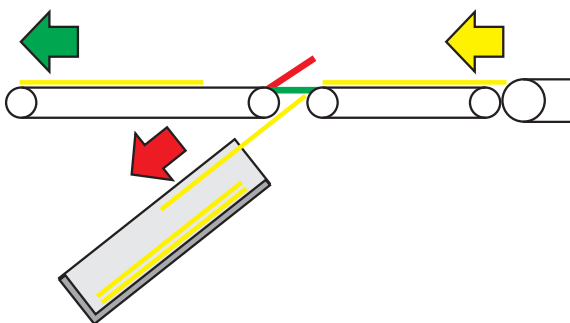
Automatic Rejects Sheet Selector

In a fully synchronized SPS® print line configuration, the **SPS® RSS** Rejects Sheet Selector can be smoothly integrated between the delivery exit of the printing press and the inlet of the dryer, coping with the highest production speed. Misaligned sheets, skipped by the no-print function of the press, will be automatically segregated from the sheet stream, thus preventing them from reaching the material pile at the stacker end. A rejects counter logs the by-passes.

Optical sheet lay sensors in the printing press activate the opening of the selector flap, in sync with the sheet travel. If a misaligned sheet was detected in the press lay stop system it is marked by a software flag. The diverter flap will open with arrival of the corresponding sheet, controlled by an additional optical sensor in front of the by-pass slot. Through this slot in the belt table, the sheet is diverted into the collector tray under the vacuum conveyor.
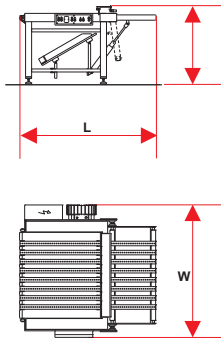
SPS® RSS

TECHNICAL DATA		RSS 1	RSS 2
Max. sheet width			
w	mm	750	1060
	in.	29	41
Max running speed			
	1 / hr	~ 4000	~ 4000
Length [1] L	mm / ft. in.	1800 / 5'11"	
Width W	mm / ft. in.	1450 / 4' 9"	1750 / 5' 9"
Height H	mm / ft. in.	1050 / 3' 5"	1050 / 3' 5"

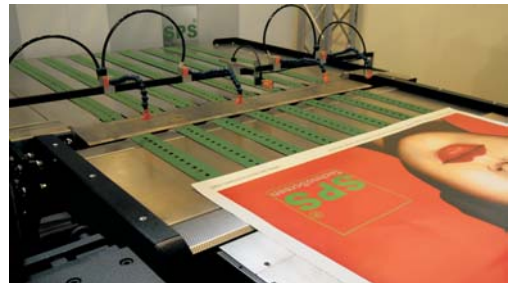[1] including fold-down belt

MAIN CHARACTERISTICS

- ▪ PLC controller with link-up to press
- ▪ motorized belt drive, in sync with press
- ▪ software flag to mark the sheets
- ▪ pneumatically driven opening flap
- ▪ adjustable air sheet guide
- ▪ by-pass counter
- ▪ integrated sheet collector tray

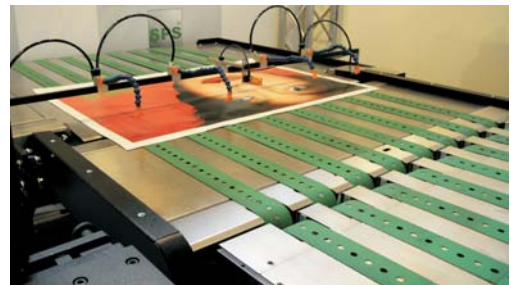All specifications given in this brochure are subject to possible alteration.
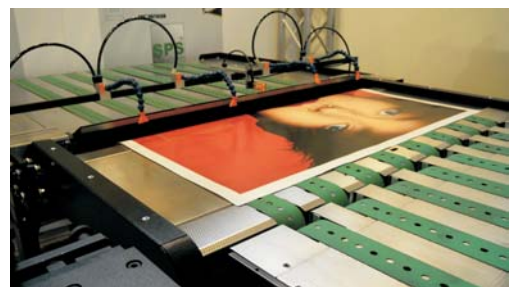© SPS® TechnoScreen 2010 RSS_e_v2

State 1:
sheet approach to the selector flap

State 2 :
accepted sheet, passing the flap

State 3 :
misaligned sheet, selected and diverted