SPS®
TechnoScreen

COLD FOIL APPLICATION

Automatic Cold Foil Application Machine S-1000D

COLD FOIL
in combination with
**SPS® Fully Automatic
STOP Cylinder Screen
Printing Press**

**Multi functional screen printing line consisting of
SPS® VITESSA SL2 STOP Cylinder Screen Printing Press,
COLD FOIL Application Machine S-1000D,
SPS® TURBOSTAR Dryer and
SPS® AUTOSTACK Automatic Sheet Stacker**

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Cold Foil Machine

Cold Foil Machine

Control panel

Clear and user-friendly HMI touch panel, mounted on a stable swing arm. Main machine functions with traditional push buttons. Fully integrated PLC program in combination with SPS® STOP Cylinder Screen Printing press.

Control panel

Finished product display

SPS®
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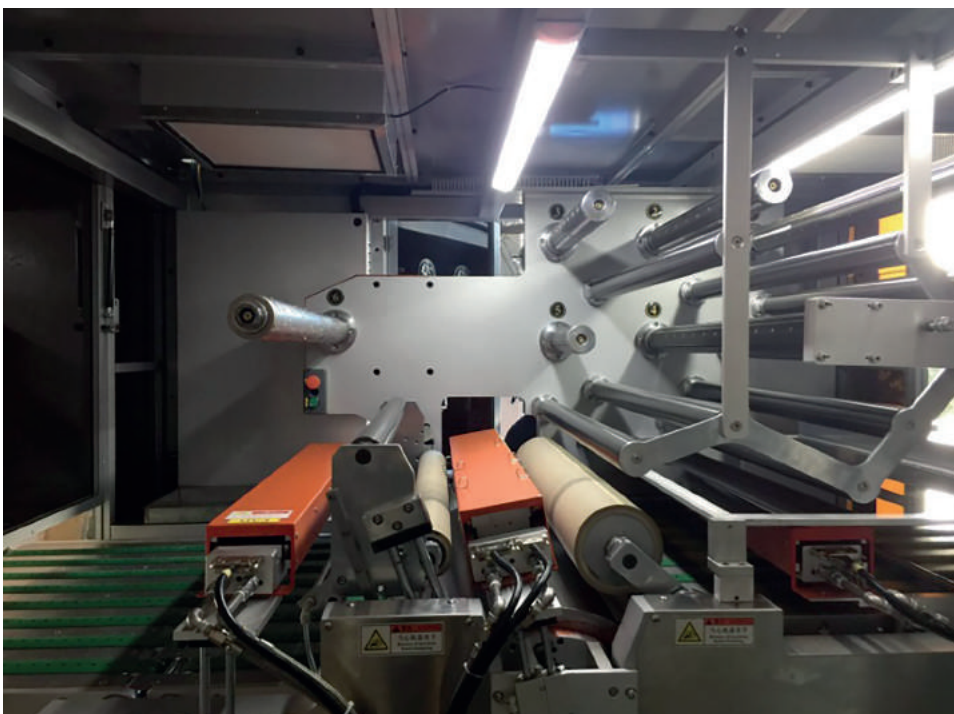

Inside Cold Foil

Foil unwinding
Up to 5 pc of Ø 74 mm air shaft, with automatic tension control. Max. reel Ø 250 mm. Motorized micro adjustment of foil position, easy operation direct from the HMI.

Foil rewinding
1.000 mm wide differential shaft, max. rewind Ø 400 mm.

Pressure rollers
Set of 2, precisely adjustable pneumatic pressure rollers to ensure perfect foil release

Conveyor belt
Fold-down conveyor between press and foiling unit, full set of PVC vacuum conveyor belts divided over multiple sections.

Cylinder
Large diameter water cooled base cylinder with vacuum and blow back.
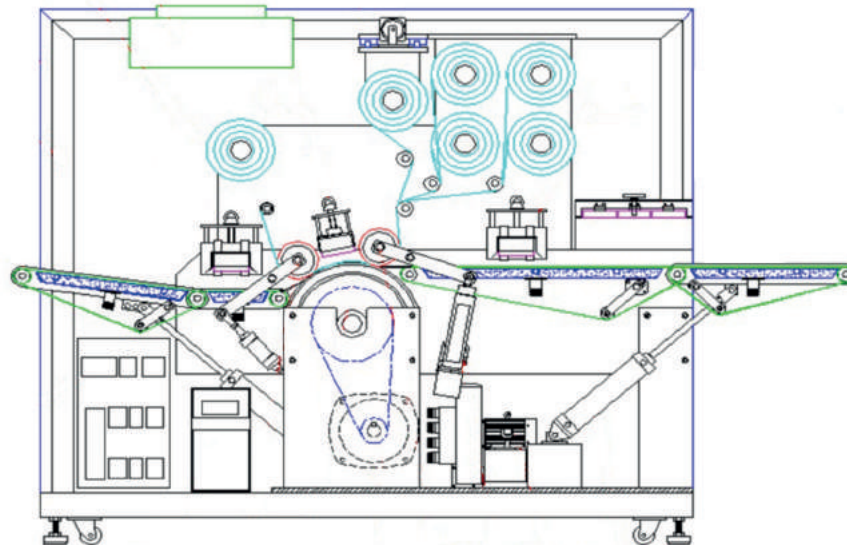

Inside Cold Foil

IR dryer
High efficient medium wave IR for pre-heating, stepless power control and adjustable in height.

LED pre-cure UV bridge
Watercooled LED pre-dryer to achieve maximum adhesion.

LED UV dryer
Double set of water cooled LED end dryer.

TECHNICAL DATA   S-1000D

Max. sheet size	mm		740 x 1.050
Min. sheet size	mm		250 x 300
Substrates			Paper & plastics
	Min. µm		80
	Max. µm		800
Speed	iph		Up to 3.500
Curing			3 units LED UV curing
Machine dimensions			
Length	L	mm	2.400
Width	W	mm	2.000
Height	H	mm	2.150