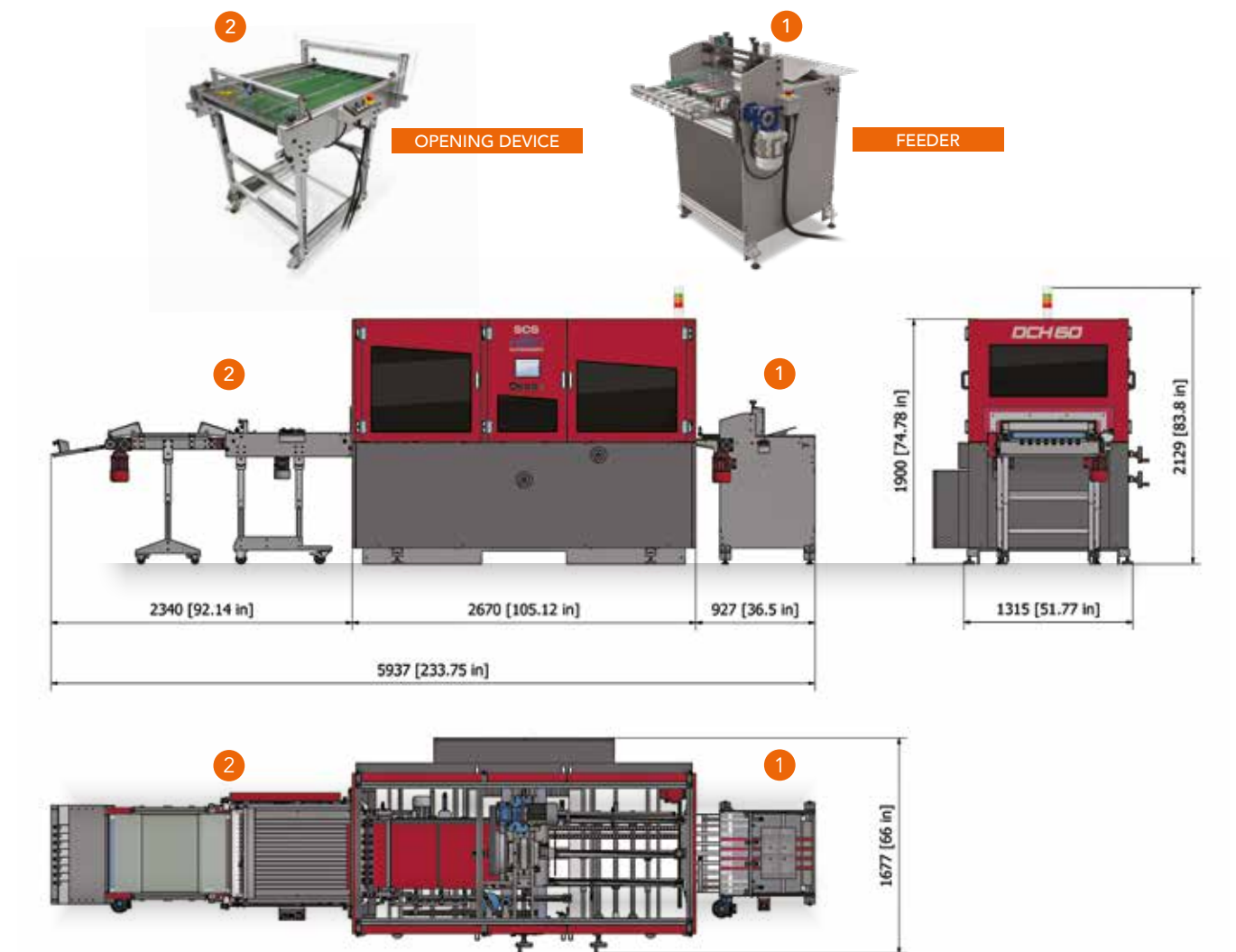


TECHNICAL DATA	
Max die cutting area	350 x 500 mm
Max hot foil stamping area	330 x 480 mm
Waste min/max: Direction of travel waste:	min. 9 mm
Lateral direction waste:	min 10 mm
TWO POSSIBILITIES FOR MAXIMUM FORMAT SIZE:	
Single stroke:	
Max sheet size (Width x length)	550 x 380 mm
Multiple stroke (If the characteristics of the sheet and product allow)	
Max sheet size (Width x length)	550 x 710 mm
Min sheet size:	220 x 220 mm
Min./Max. thickness of material paper, card etc. (Depends on the material type)	from 120 g/m² to 4 mm
Power:	5 kW, 8,5 kW with hot foil stamping
Cutting force: Paper - card	60 ton ( 600000 N ) with 350 g/m²
Max working speed (Dependent on number up): (The speed and the format depends on the format, the product type, material quality, operator skill and general conditions))	single stroke up to 2400 sheets/hour
Compressed air requirements: (to be supplied by the client)	250 l/min a 6 bar.
Electrical connection: (Neutral and earth must be separate; if this is not possible, a transformer may be requested at additional cost)	3PH, 400 V + N + T, 50 Hz.
Machine dimensions (LxDxH):	2650 x 1750 x 1915 mm
Machine dimensions with feeder, separation and collection belts:	6240 x 1750 x 1915 mm
Machine weight:	2200 kg.



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SCS-DCH60-EN Rev. 0525



I T A L I A N C U S T O M D E S I G N

# DCH 60

AUTOMATIC DIE CUTTING UNIT WITH HOT FOIL  
STAMPING FOR PAPER AND CARDBOARD



FINISHING  
FIRST



## DCH 60

### OPERATION

The machine works on the horizontal plane – the material is transported under the press by the clamps which work on the side opposite the printing reference marks. The die cutting does not leave any points connecting the finished product with the waste – aiding operation and increasing product quality. It is easy to set up the machine for repeat jobs thanks to easy-swap die boards, maintaining the same centre references and saving all HMI display settings. The multi-shape die cutting function reduces machine set-up times and die costs. The machine features a waste removal system at its exit and requires no other accessories.

Quick die change thanks to the fixed reference point. High-stack feeder compatible. Machine operation using the icon-based touch screen HMI. These unique features make the DCH60 especially well suited to printers who need to replace old cylinder and flat bed machines, and to converting businesses who need flexibility to handle small/medium sized production batches.



### ADVANTAGES

1. Robust and compact automatic die-cuttingsystem.
2. Modular construction allows the machine to be used with different exits which always deliver the finished product without attachment points.
3. Fast machine set-up times.
4. Fast format change, easy to use touch-screen HMI.
5. The die change position allows fast and ergonomic tool changeover.
6. The incorporated waste separation system allows the working area to be kept clean and free of offcuts, eliminating manual intervention.
7. The DCH60 can be integrated with other machines included in the production cycle.
8. Remote diagnostics and checks for troubleshooting and updates.
9. NON STOP production.



Examples of products die cut with the DCH60.

### WORKABLE MATERIALS

Paper, card, cardboard and some types of plastic. Particularly suitable for die cutting, scoring and kiss-cutting thanks to the possibility of fine adjusting the cut point. Embossing and Braille printing is also possible, **as is hot foil stamping.**

