



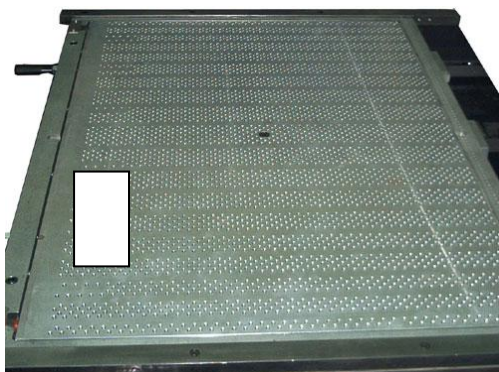
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## (ST.61X86) Rabolini Imperia Cutting Machine For Mounting Hot Stamping System

The electronic Hot Stamping system (ST.61X86) Mounting for **(Rabolini Imperia)** with Two Foil Pulls (and upgradeable to four) Is manufactured at the **Cavomit** company factory.

It is placed on a machine **(Rabolini Imperia)** or on any other machine that is fully repaired and maintained and carries a guarantee from the **Cavomit** company.

You place the new model Hot Stamping system Mechanical or Electronic for mounting in our company.



### Hot Plate:

Single-piece hot plate, 16 mm thickness, with max. area coverage, made of high conductivity light alloy. The hot plate has a temperature insulation from the machine body for increased energy savings and optimal heat allocation.

The hot plate is permanently placed in a printing chase allowing easy replacement with cutting/creasing chase or spare hot-plate for fast changeover of various printing jobs.

The required precision of the printing temperature is acquired through 18 reliable, parallel resistances unevenly allocated all across the width of the plate in 6 precision temperature control zones, controlled by an 6 electronic temperature instruments.

A laptop with **WINDOWS 10** software is adapted to the machine for better operation.

<b>Technical specifications (ST 61X86) for Cutting &amp; Hot Stamping machine</b>	
<b>1. Paper parameters</b>	
Paper size max	35X50 50X70 70X100 cm
Paper size min	Depending on the model
Paper sheet thickness max.	600 grm
Max. blocking area	Depending on the model
<b>2. Operation control parameters</b>	
Control system	Laptop with Windows 10 software
Foil-pulls & programs	Standard 2 – upgradable to 4
Pull step accuracy	0.01 mm
Programming per pull cylinder	1-999 short pulls, 1 long pull 0-999 mm
Foil-pull speed adjustment	Stepper motors
Foil-pull cylinders	2 stepper motors (maximum 4)
Foil rewind units	2-4 synchronized to stepper motors
Counters	3 electronic 1 Electric
<b>3. Foil parameters</b>	
Foil roll width max	Depending on the model
Foil roll width min	15 mm
Distance between rolls (min)	2 mm on same bar axis
Roll core diameter	16 or 25 mm on same bar axis
External diameter of foil roll feed	Depending on the model
External diameter of used foil	140 mm on 25 mm core
<b>4. Printing parameters</b>	
Blocking speed	Depending on the model controlled, 800-2000 sheets per hour
Auto - stop guarding	Instant halt and full speed resumption
Alternative uses	Cutting, creasing, embossing, punching
<b>5. Hot plate parameters</b>	
Hot plate	Single-piece, honeycomb hot plate
Heating zones	6 for optimal temperature allocation
Temperature regulation	6 temperature instrument
Resistances	Parallel 18 X 700 W
Printing die height	7.00 mm
Die mounting on hot plate	With micrometric adjustable mounts
<b>6. Hologram registration parameters</b>	<b>OPTIONAL</b>
Hologram registration	Outside hot plate on multi-axial system
Printing accuracy	+/- 0.5 mm (per image), +/- 0.1 mm (per stripe)
Printing speed	As for standard foil
Roll width	Standard max 60 mm (other dimensions optional)
Min distance of adjacent hologram rolls	40 mm edge-to-edge of foil
Photoelectric switch	Fast response, adjustable sensitivity
Optical fibre	Mounted at pre-set viewing angle
Software	Specially developed in-house by Cavomit
<b>7. Physical parameters</b>	
Length	Depending on the model
Width	Depending on the model
Height	Depending on the model
Weight	Depending on the model
Motor type	Depending on the model
Total connection capacity	Depending on the model
Voltage	380/460V, 50 Hz