IMPERIA HAND-FED PLATEN DIE-CUTTERS
SIZES AND MAIN SPECIFICATIONS

B		
Maximum sheet size	cm.	61x86
Platen size	cm.	64x88
Mechanical hourly speed	strokes	1.400
Main motor power	HP	5,5
Weight	Kg.	3.400
Dimensions (tables included)	cm.	200x330x225

C		
Maximum sheet size	cm.	75x105
Platen size	cm.	79x107
Mechanical hourly speed	strokes	1.300
Main motor power	HP	5,5
Weight	Kg.	5.500
Dimensions (tables included)	cm.	203x365x248

D		
Maximum sheet size	cm.	85x120
Platen size	cm.	88x124
Mechanical hourly speed	strokes	1.300
Main motor power	HP	5,5
Weight	Kg.	6.000
Dimensions (tables included)	cm.	206x378x248

E		
Maximum sheet size	cm.	100x140
Platen size	cm.	101x144
Mechanical hourly speed	strokes	1.200
Main motor power	HP	7,5
Weight	Kg.	8.100
Dimensions (tables included)	cm.	225x395x258

F		
Maximum sheet size	cm.	120x165 / 120x170
Platen size	cm.	121x169 / 121x173
Mechanical hourly speed	strokes	1.200
Main motor power	HP	12
Weight	Kg.	10.700 / 11.000
Dimensions (tables included)	cm.	266x440x275

G		
Maximum sheet size	cm.	125x196 / 130x204
Platen size	cm.	125x204 / 132x204
Mechanical hourly speed	strokes	850
Main motor power	HP	12
Weight	Kg.	13.500 / 13.800
Dimensions (tables included)	cm.	309x450x293

STANDARD EQUIPMENT OF THE IMPERIA PLATEN DIE-CUTTER.

- Pneumatic self-adjustable clutch unit, double body electrovalve, compressed air treatment unit and safety pressure switch.
- Dwell timer operation in "plane-opening" position; sheet counter.
- Top pendant control panel.
- Automatic lubrication plant, with electric timed pump.
- N. 1 cutting steel plate, thickness from 3 to 5 mm. (according to the machine size).
- N. 1 countersteelplate for the make-ready, 1,5 mm. thickness.
- N. 2 cutting form holder chases, standard.
- Configuration up to CE rules. Large equipment of sensitive safety devices and side protections interlocked with the machine body (n. 2 gates and tables), guards on the moving parts. Pneumatic pulse device for the manual release of the movable plane, after an emergency shutdown.
- IMPERIA has obtained the German mark for GS conformity (Geprüftsicherheit).

SPECIAL ATTACHMENTS AND FEATURES, ON REQUEST:

- Universal permanent chase, self-centering, with mechanical adjustment.
- Universal permanent chase, self-centering, with pneumatic adjustment.
- Cutting plate in hardened and ground steel 52 HRC.
- Counterplate in hardened steel 45 HRC.
- Micrometric pressure adjustment.
- Dwell timer operation in "plane-closing" position.
- Electronic static frequency converter, for speed variation.
- Special machine construction with wider distance between the working planes, to die-cut materials of high thickness.
- Heating plate subdivided in 3, 6, 8 independent zones, for hot die-cutting.
- Hot foil stamping and embossing unit with two or more independent feeds, controlled by numerical programmers or computerised system.
- Automatic feeder and delivery unit available for IMPERIA models "C", "D", "E" and "F".

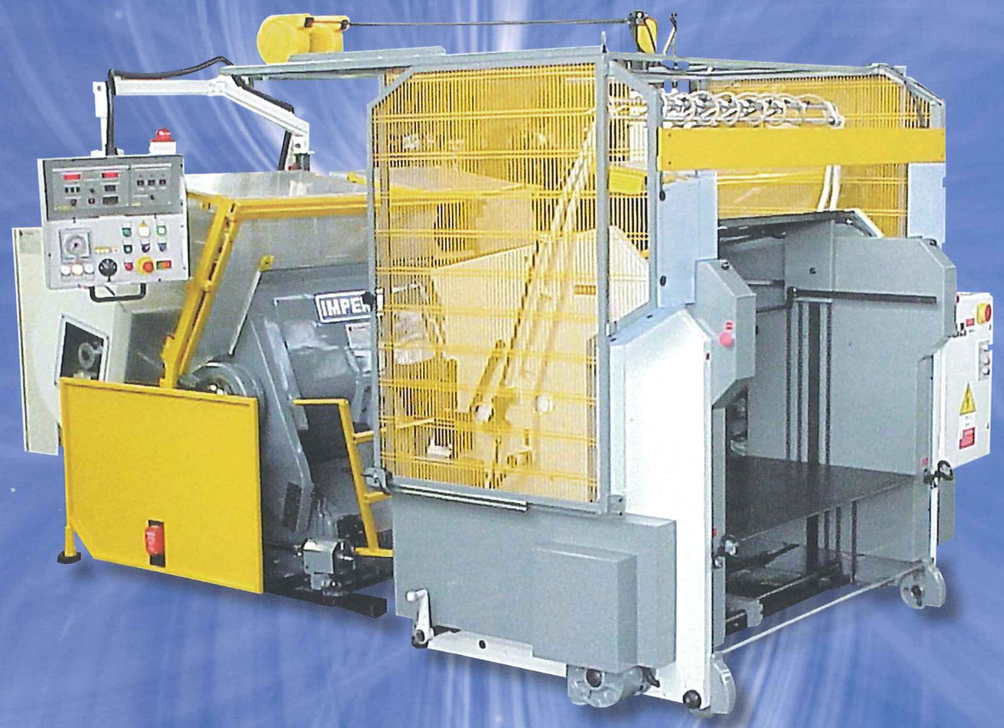
The manufacturer reserves the right to make all modifications for the machine technological upgrading, without prior notice.

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It's the name that makes the difference



IMPERIA DIE-CUTTERS



IMPERIA platen die-cutter,
model "G",
cm. 125 x 196 - 130x204
hand-fed.

IMPERIA platen die-cutter, hand fed,
available in the following sizes: "B" cm. 61x86 - "C" cm. 75x105 - "D" cm. 85x120
"E" cm. 100x140 - "F" cm. 120x165 - "FS" cm. 120x170 - "G" cm. 125x196 - cm. 130x204
Provided with:
- pendant pushbutton
- automatic lubrication by timer-operated electric pump
- JOG device for hand-operated release of the moving plane following an emergency stop.

The last word in safety devices, including:
- double-body solenoid valve and safety pressure switch
- safety edge with inside sensor, on the moving plane border
- sensitive front grid with double movement, pull and push
- sensitive top and side protection frame, in aluminium and polycarbonate.
- side interlocked gates
- side tables interlocked with the platen body.

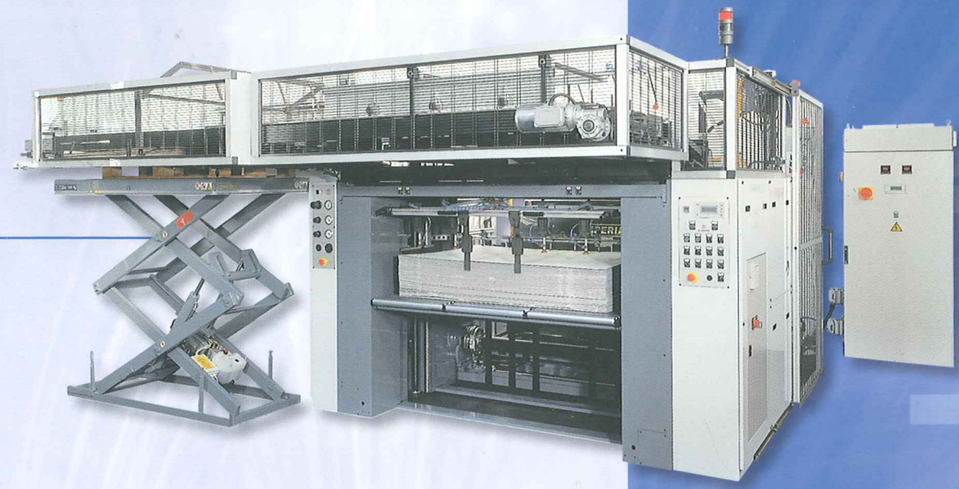
Two-channels, redundant circuit, sensitive devices , individually controlled by safety units (Cat.4)

Optional attachments:
- self-centering permanent form holder chase also available in motorized version
- hardened and ground 50 HRC Picard plate.

IMPERIA platen die-cutters are also available with standard AUTOMATIC FEEDER AND DELIVERY UNITS, see models C, D and E (photo on first page).
The Imperia machine, for the feeder application, is equipped with:
- patented automatic time-phase safety unit (machine + feeder).
  If the joint position is not correct, the machine will not start
- static frequency converter for speed control
- electronic plant for the correct phasing between platen and feeder-unit
- safety systems active even with detached feeder unit.



IMPERIA platen die-cutter,
model "E",
100 x 140 cm
hand-fed.



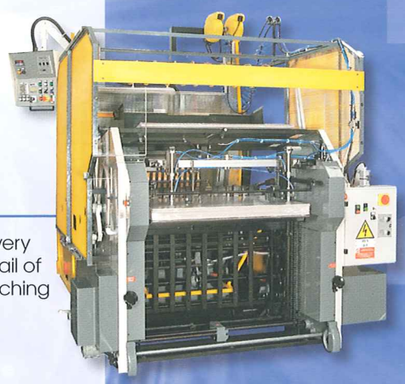
IMPERIA, model "F"
cm. 120x165 / 170,
with MFF
electronic feeder
and side high pile
delivery station.

"MFF" special latest technology feeder /delivery unit
- PLC-controlled functions
- automatic regulation
- pneumatic tables for die-cut sheets transport, gathered in batches and jogged
- hydraulic delivery table, stack capacity up to 1.800 mm. (with floor excavation)
- monitoring of the platen/feeder connection.

Full equipment of all safety devices on IMPERIA machines, active both with automatic feeder and when manually operated.

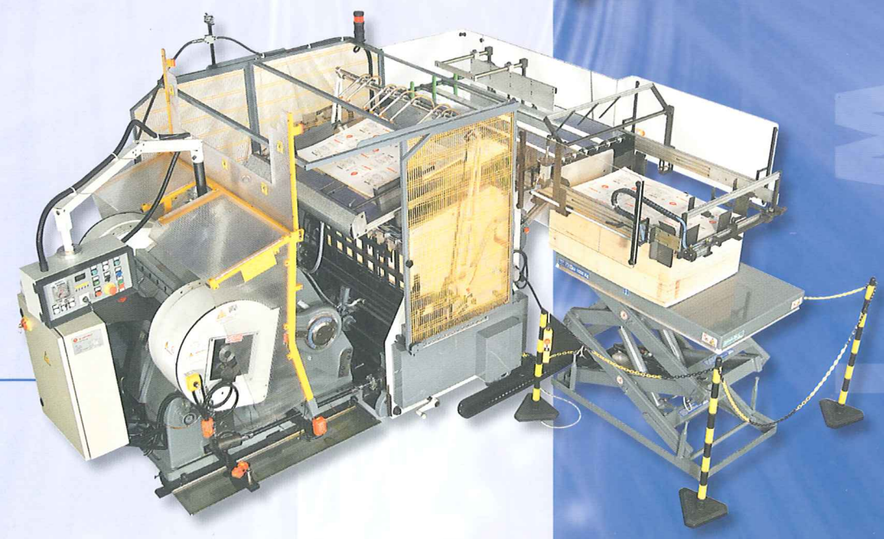


Optional attachments:
- preloading unit for preparing a perfect, aligned sheets stack, to be loaded on feeder platform
- pneumatic right or left mobile side lay
- device for detaching sheets from the feed stack
- pneumatic top jogger
- switch operated motorized moving of feeder/delivery unit on rails.



THE SIDE HIGH PILE DELIVERY UNIT IS BUILT ALSO FOR THE FEEDER MODELS: "C" cm. 75x105, "D" cm. 85x120 AND "E" cm. 100x140.

Standard feeder and Delivery unit, mod. "C", "D", "E": detail of the device for sheets detaching from the feeding stack.



IMPERIA MOD. "C" platen die-cutter with automatic feeder and side high pile delivery unit.