



EQUIPMENT SUPPLIER FOR THE SOAP INDUSTRY

CUBEX SOAP PRESS



One of the most traditional soap shapes is the cube.

The cubic soap was very common in Marseille and from there it spread in some European and African Countries.

Our Company, always specialized in the design and manufacture of soap stamping machines, many years ago patented a special box suitable to produce cubic shaped soaps with engravings on all the 6 sides of the cube. Our "Artiglio" die is the only stamping method available today.

Since then, we designed several stamping machines suitable to take advantage of such special die-set.

Another unique feature of the CUBEX family of presses is the superior operation for feeding and discharging the soap to and from the die box, by means of GRIPPERS, that allow a safe and fast stamping cycle.

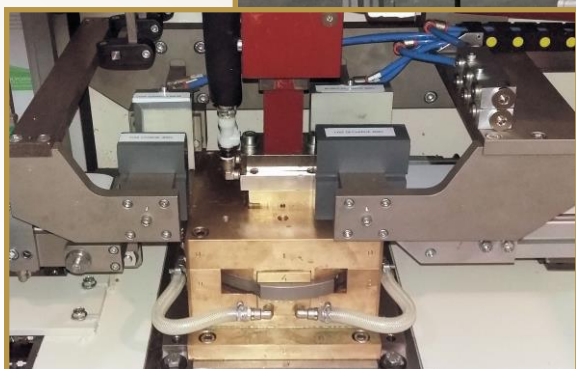
Presently the family consists of 3 groups:

- ❑ CUBEX/P = soap presses driven a mix of motors and pneumatic pistons.
- ❑ CUBEX/M SIMPLEX = soaps presses, driven by a mechanical transmission hence faster.
- ❑ CUBEX/M DUPLEX = soap presses for high speed lines.

Each of these three set-ups has the full version "6" for the stamping of all six sides and the basic version "2" for the stamping of only two sides.

CUBEX/M SIMPLEX

The CUBEX/M SIMPLEX produces parallelepipedal soaps. It has an operating speed of up to 60 stamped soaps per minute with a weight up to 700/800 grams.



CUBEX/M DUPLEX

The CUBEX/M DUPLEX soap press produces two cubical soaps per stroke; practically it is equivalent to two Simplex versions. With an operating speed of up to 60 strokes/minute, the machine produces 120 soaps/minute with a weight up to 700/800 grams.

This is the fastest stamper for cubic soaps of all times.

This “dual lane” version has two infeed belts. Usually, it is completed by a SPLITTER that receives one lane from the cutter and splits it on two parallel belt which feed two” Artiglio” box dies.



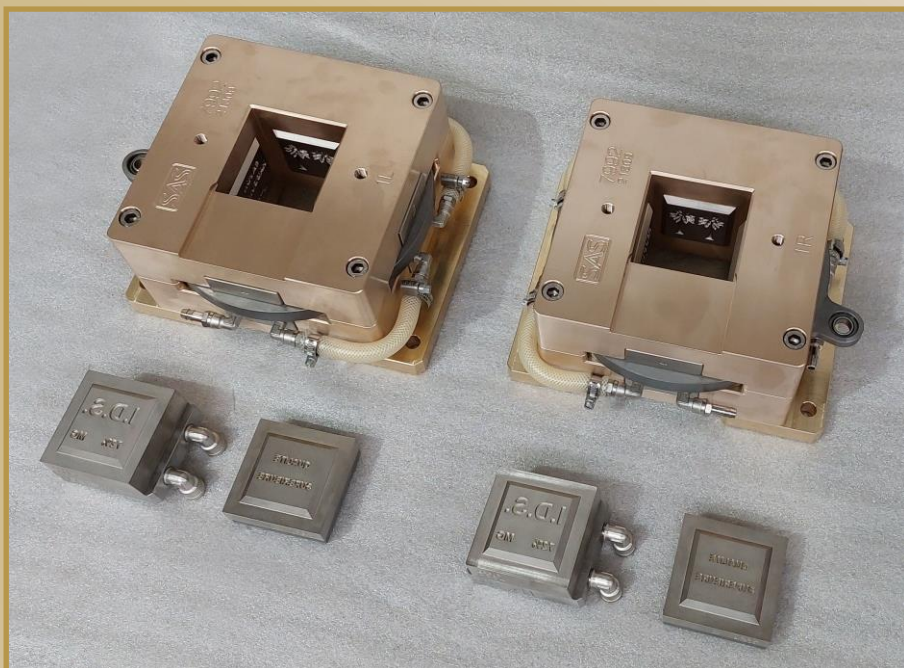
The CUBEX/M family of soap presses has the following features:

- ❑ Welded steel base unit
- ❑ Centralized lubrication system
- ❑ High performances thanks to new cam profiles
- ❑ Leak-proof separation between machine sections to avoid oil contamination
- ❑ Use of indexers, gear boxes and cams
- ❑ In-built electric control board designed accordingly to local rules
- ❑ Chilled die-sets

DIE SETS

Specially designed "Artiglio" die sets following an old patented technique. Now with cooling channels.

Each die consists of one stamping box, upper and lower stamps, 2 or 4 side stamping panels.



| MODEL | NO. OF ENGRAVED FACES | PRODUCTION RATE (bars/min) | MAXIMUM BAR LENGTH (mm) | BAR WEIGHT RANGE (grams) |
|------------------|-----------------------|----------------------------|-------------------------|--------------------------|
| CUBEX/2P | 2 | 40 | 150 | 50-500 |
| CUBEX/6P | 2-4-6 | 30 | 150 | 50-500 |
| CUBEX/2M SIMPLEX | 2 | 70 | 150 | 100-800 |
| CUBEX/6M SIMPLEX | 2-4-6 | 60 | 150 | 100-800 |
| CUBEX/2M DUPLEX | 2 | 140 | 150 | 100-800 |
| CUBEX/6M DUPLEX | 2-4-6 | 120 | 150 | 100-800 |

| SPECIFICATIONS | 2P | 6P | 2M SIMPL | 6M SIMPL | 2M DUPL | 6M DUPL |
|---------------------------------------|-----|-------|----------|----------|---------|---------|
| Installed power (kW) | 0,2 | 0,4 | 3,5 | 3,5 | 5,5 | 5,5 |
| Air consumpt. (liters/min.) at 6 bars | 80 | 80 | 2 | 2 | 4 | 4 |
| Die Chiller Capacity (Kcal at -30°C) | 800 | 1,000 | 1,500 | 2,000 | 3,000 | 4,000 |
| Machine Weight (Kg) | 500 | 500 | 2,400 | 2,400 | 3,000 | 3,000 |



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