



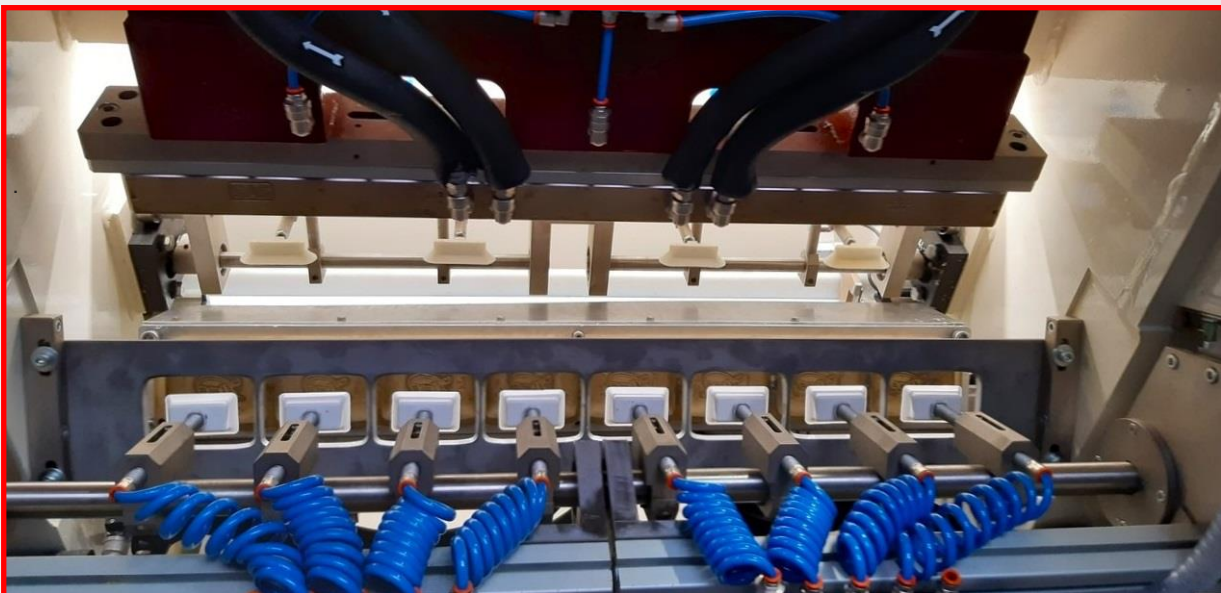
EQUIPMENT SUPPLIER FOR THE SOAP INDUSTRY

STAMPEX

“FLASHSTAMPING” SOAP PRESSES



STAMPEX/8+



About 25 years ago we introduced the first model of our Stampex Family of “Flashstamping” Soap Presses.

Due to the very positive response of our Customers, we have developed several models to satisfy stamping needs of all soap manufacturers.

We have the most complete range of production with the Stampex/1 and Stampex/2N suitable for small set-ups, Stampex/3+, /4+ and /6+ suitable for many different applications in most of the countries and the Stampex/8+, /10+ and /12+ for high-speed lines.



STAMPEX/12+

MAIN FEATURES

- The main vertical stamping movement of all Stampex presses is obtained without cams to assure maximum sturdiness and simplicity.
- The “+” versions take advantage of a toggle-joint mechanism which allows the “Double Stroke” stamping mode for high quality stamped bar finish.
- Spring-loaded positive vertical or horizontal pick and place suction cup slug (billet) infeed handling system.
- Sixty degrees rotation of the bottom die-holder.
- The bottom die-holder has a rotation with a unique kinematics to provide firm and fall free hold for any kind of soap shapes.
- Welded carbon steel body.
- Various electronic standards are available.
- Full electronic version with servo-motors available in substitution to the mechanical transmissions for configurable stamping processes.
- Vacuum installation with mechanical or Venturi pump.
- Quick and easy die set changeover.
- Automatic stamped bars recycle mode controlled by the down-stream packaging machine.
- Efficient minimum heat loss die coolant distribution system.

STAMPING SYSTEM

- A vertical reciprocating motion die slide carries the upper dies.
- The lower dies are positioned on a 60 degrees alternating motion rotating die-holder (mandril).
- The “flashstamping” stamping method is used for stamping all banded and bandless shaped bars. The slug (billet) is transformed into stamped bars (tablets) when the upper and rotating dies meet together and excess of product (flashing) is formed around the periphery of the dies. The shape and final weight of the stamped bars is determined by the fully closed upper and lower dies.
- If “Double-Stroke” action is selected (“+” versions) the upper die reaches the lowest position (first stroke) to meet the rotating die then raises a little and repeats the stamping action (second stroke) in order to stabilize the soap shape. Double stroke operation assures excellent finished stamped bar quality for all type of soap products and increases the “closure” of the soap fibers thus reducing the “cracking”.



STAMPEX/4+



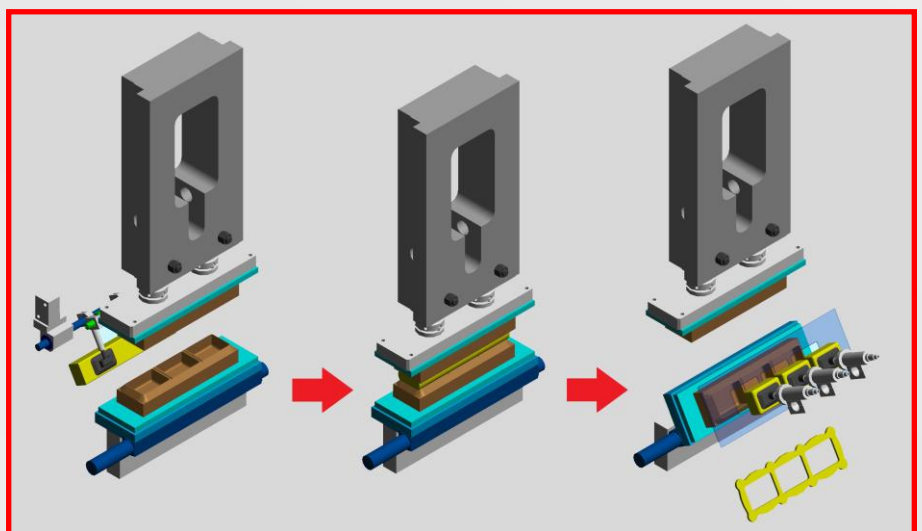
STAMPEX/6+

DIE SETS

A complete die set for a Stampex press consists of:

- Up and down reciprocating motion upper die(s) group.
- One 60 degrees alternating motion lower die(s) group.
- Deflashing plate.

Depending on the Stampex model from one to eight dies can be installed according to bar size, weight and stamping speed.



NUMBER OF DIE CAVITIES		1	2	3	4	6	8	10	12	DIE-HOLDER LENGHT	Inst. Power	Machine Weight	
STAMPEX/1	PRODUCTION RATE (bpm)	75	150	Typical ideal application for each model stamping regular size					220 mm	2 kW	1.800 Kg		
	BAR WEIGHT RANGE (gr)	10-150	10-30										
	MAX BAR LENGHT (mm)	100	60										
STAMPEX/2N	PRODUCTION RATE (bpm)	75	150	225	300				300 mm	4 kW	2.300 Kg		
	BAR WEIGHT RANGE (gr)	10-250	10-150	10-70	10-40								
	MAX BAR LENGHT (mm)	200	100	64	60								
STAMPEX/3+	PRODUCTION RATE (bpm)	75	150	225	300	420				380 mm	5 kW	2.800 Kg	
	BAR WEIGHT RANGE (gr)	10-250	10-200	10-150	10-70	10-30							
	MAX BAR LENGHT (mm)	200	150	100	72	55							
STAMPEX/4+	PRODUCTION RATE (bpm)	70	140	210	280	420				480 mm	6 kW	3.200 Kg	
	BAR WEIGHT RANGE (gr)	20-350	20-300	20-200	10-150	10-30							
	MAX BAR LENGHT (mm)	250	200	130	100	60							
STAMPEX/6+	PRODUCTION RATE (bpm)			210	280	420	560				700 mm	8 kW	5.200 Kg
	BAR WEIGHT RANGE (gr)			20-300	20-250	20-150	20-70						
	MAX BAR LENGHT (mm)			210	155	100	70						
STAMPEX/8+	PRODUCTION RATE (bpm)				280	420	520				920 mm	10 kW	6.500 Kg
	BAR WEIGHT RANGE (gr)				20-300	20-200	20-150						
	MAX BAR LENGHT (mm)				200	135	100						
STAMPEX/10+	PRODUCTION RATE (bpm)					420	520	600			1140 mm	12 kW	7.000 Kg
	BAR WEIGHT RANGE (gr)					20-200	20-200	20-150					
	MAX BAR LENGHT (mm)					135	125	100					
STAMPEX/12+	PRODUCTION RATE (bpm)						520	600	720	1350 mm		14 kW	7.500 kg
	BAR WEIGHT RANGE (gr)						20-200	20-150	20-150				
	MAX BAR LENGHT (mm)						135	120	100				
Maximum Stamped Bar Width for all Models: 70 mm – Maximum Bar Thickness for all Models: 50 mm													



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