

Rev 100

by
procrea s.r.l.

INJECTION - BLOW MOULDING MACHINE **procrea** TYPE Rev 100 (Patented model)

The **procrea** Injection - Blow Moulding machines type **Rev 100** produce finished hollow - bodied containers, without any flash as if injection moulded, in almost all thermoplastic materials, with a fully automatic cycle, capacity from 5 cc. to 750 cc. and weights from 5 gr. to 100 gr. The machine can work with moulds from 1 to 4 impressions and the output is very high due to the turret system which performs the injection, the blowing, and the ejection of the finished piece in a single stage. The construction of moulds for the **Rev 100** machine is very simple, due to the automatic system of extraction applied to the turret

CHARACTERISTICS OF Rev 100

One of the advantages of this series of machines is determined by the injection mould closing system which can be made in two versions:

VERSION (A) With a monobloc injection mould which operates in line with the mandrels and allows the realization of perfectly balanced preforms, without split lines or flash.

VERSION (B) With the injection mould divided in two halves, which allows the realization of shaped preforms when the bottle is tapered or oval-shaped.

On these machines, the closing of the moulds is achieved by the hydroblock system which develops a power of 392 KN and ensures a perfect holding of the injection mould. The closing pressure of the moulds is checked by a hydraulic valve and non-return valves which guarantee a constant closing force during the entire cycle. The plasticizing screw is driven by a highly efficient hydraulic motor. All the functions of the machine are transmitted by a touch-screen electronic control cabinet with a high-tech microprocessor which is digitally programmable and sends all memorized sequences to the PLC (Omron), according to requirements.



TECHNICAL DATA

Plasticizing screw	Ø	40
Injection volume	cm ³	100
Plasticizing capacity	Kg/h	35
Pressure on material	Kg/cm ²	1.000
Variable screw speed	n.	50 / 300
Clamping force of moulds	KN	392
Heating capacity	Kw	6
Pump motor	Hp	20
	Kw	15
OVERALL DIMENSIONS :		
Length	mt	3,2
Width	mt	1,3
Height	mt	1,8
Net weight approx.	Kg	2.600

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MACCHINA INIEZIONE - SOFFIAGGIO

INJECTION - BLOW MOULDING MACHINE

MACHINE À INJECTION - SOUFFLAGE

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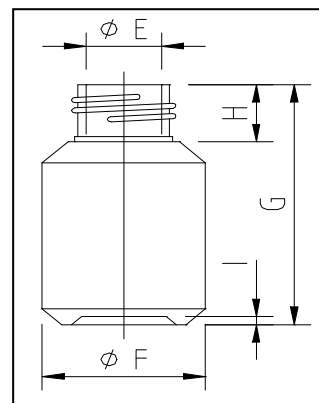
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DIMENSIONI DEL CONTENITORE SOFFIATO

BLOWN ARTICLE DIMENSIONS - DIMENSIONS DE L'ARTICLE SOUFFLÉ

PIASTRE TIPO	CAVITÀ N°	Ø E MAX	Ø F MAX	G = mm MAX	H = mm MIN-MAX	I = mm MIN-MAX	CAPACITÀ CC - MAX	Prod./h +/- MIN-MAX
A	1	65	90	160	5 - 30	5 - 10	750	225 - 300
A	2	50	70	140	5 - 25	4 - 8	350	450 - 600
A	3	35	45	120	5 - 25	3 - 6	150	675 - 900
B	4	25	35	100	5 - 20	2 - 4	70	900 - 1200

RAPPORTO E-G = 1 x 8 PER RAPPORTI MAGGIORI E FORME DIVERSE INTERPELLATECI

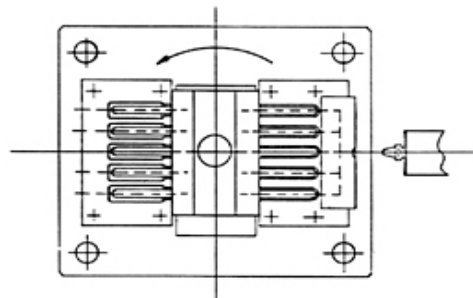
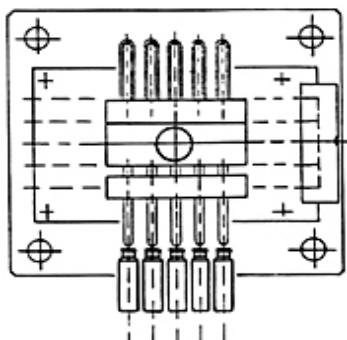
RATIO FOR BIGGER RATIOS AND DIFFERENT SHAPES PLEASE CONTACT US

RAPPORT E-F = 1 x 3 POUR RAPPORTS PLUS GRANDS ET FORMES DIFFÉRENTES CONSULTEZ-NOUS

N.B. Il tempo ciclo e la produzione oraria sono indicativi e variano secondo le caratteristiche del contenitore ed il materiale plastico

The cycle time and the production per hour are approx. and vary according to article characteristics and plastic material

La durée du cycle et la production horaire sont approx. et varient selon les caractéristiques de l'article et la matière plastique



Ci riserviamo il diritto di fare alterazioni al disegno per migliorie tecniche

We reserve the right to make alterations to the design for technical improvements

Nous nous réservons le droit de faire des altérations au dessin pour améliorations techniques