



Sarvamangala

AN ISO 9001:2015 CERTIFIED COMPANY

Moulding Technologies



SF Series

High Pressure Flask
Moulding Machine

SMFA Series

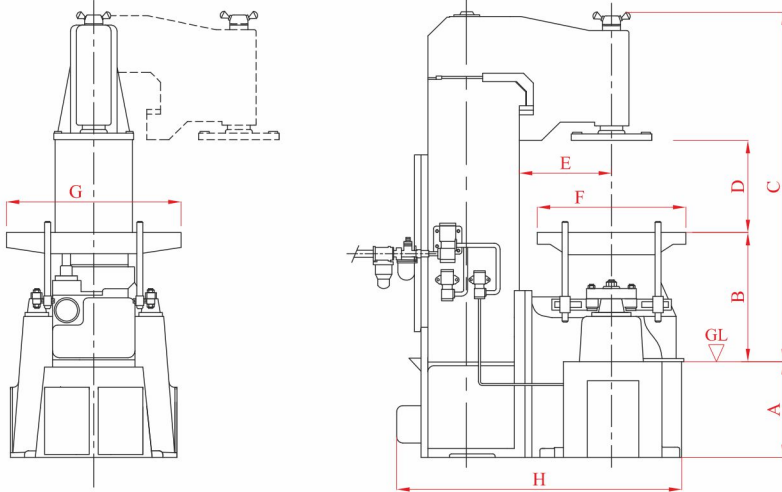
Jolt Squeeze Automatic
Moulding Machine

HP Series

High Pressure Flaskless
Moulding Machines

SMFA Series

TECHNICAL DATA FOR SIMULTANEOUS JOLT SQUEEZE AUTOMATIC MOULDING MACHINES



MODEL	SMFA 200	SMFA 300	SMFA 450	SMFA 600	SMFA 900	SMFA 1300
A	345	460	650	810	940	1100
B	690	650	700	835	935	950
C	1580	1785	2080	2325	2680	2770
D	390	390	600	750	815	880
E	290	320	435	510	560	630
F	560	580	680	850	980	1050
G	825	960	1070	1240	1350	1400
H	1300	1430	1780	1970	2020	2390

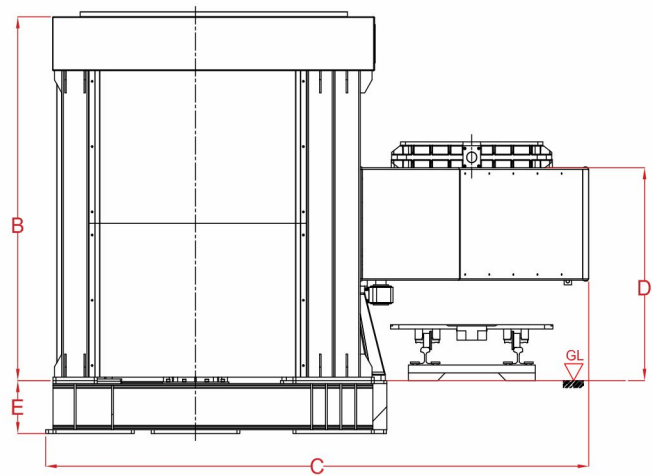
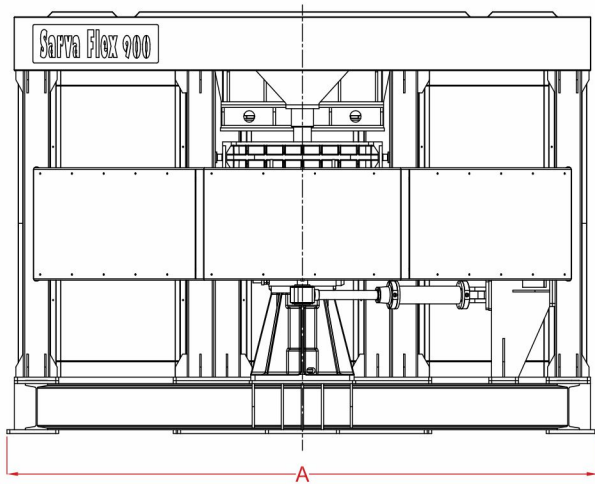
SI. No.	MODEL	SMFA 200	SMFA 300	SMFA 450	SMFA 600	SMFA 900	SMFA 1300
1.	Jolting Capacity (Kg)	200	300	450	600	900	1300
2.	Static Squeeze Pressure (Kgf)	4,000	5,000	8,000	11,000	16,000	20,000
3.	Dynamic Squeeze Pressure (Kgf)	12,000	15,000	24,000	33,000	40,000	50,000
4.	Squeeze Stroke (mm)	120	130	140	150	170	170
5.	Draw Stroke (mm)	220	220	320	320	350	360
6.	Table Length(mm)	825	960	1070	1240	1350	1550
7.	Table Width (mm)	560	580	680	850	980	1050
8.	Squeeze Plate Adjustment Min.(mm) Adjustment Max.(mm)	250 390	250 390	400 600	550 750	600 815	680 880
9.	Mould Box Size (mm)	400 x 520	450 x 550	600 x 650	700 x 800	800 x 1000	1000 x 1200
10.	Air consumption per Half Mould (Cuft)	10	13.5	18	24	35	48
11.	Distance from column to Table Centre (mm)	290	320	435	510	560	630
12.	Air supply to the machine (BSP)	1¼"	1½"	1½"	2"	2½"	2½"
13.	Air Connection (BSP)	1"	1¼"	1¼"	1½"	1½"	2"
14.	Air Receiver capacity (L)	500	750	1000	1500	2000	3000
15.	Weight of the Machine approx. (Kg)	1,800	2,700	4,200	6,500	9,000	11,500

SALIENT FEATURES

- Fully automatic cycle ensures constant mould quantity and quality.
- High productivity with cycle time of 12 sec to 25 sec.
- Centralized automatic forced lubrication system.
- Sturdy construction.
- All pneumatic controls are 'Festo' make.
- Fully automatic PLC Control system.

SF Series

TECHNICAL DATA FOR SARVA FLEX MULTIROD SQUEEZE MACHINES WITH FLASK



Sl. No.	MODEL	Units	SF 200	SF 300	SF 450	SF 600+	SF 900	SF 900+
1.	Mould Box (L x B)	mm	520 x 520	550 x 650	650 x 700	800 x 900	1000 x 1000	1100 x 1200
2.	Height Range	mm	150/200	150/200	200/300	200/300	200/300	200/300
3.	Pressure @ Mould	Kg/cm ²	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8	7 - 8
4.	Operating Sq. Pressure	Bar	80	80	80	80	90	90
5.	Power	HP	15	15	20	20	20	30
6.	Air	cfm	10	10	10	20	20	20

DIMENSIONS

1.	Length of Machine (A)	mm	2800	2945	3300	3580	4100	4400
2.	Height of Machine (B)	mm	1900	2040	2320	2710	2370	2800
3.	Width of Machine (C)	mm	2400	2600	2900	3200	3700	4100
4.	Height of Table (D)	mm	950	1100	1200	1450	1250	1915
5.	Machine Below GL (E)	mm	240	245	340	340	345	345

WEIGHT & PRODUCTION

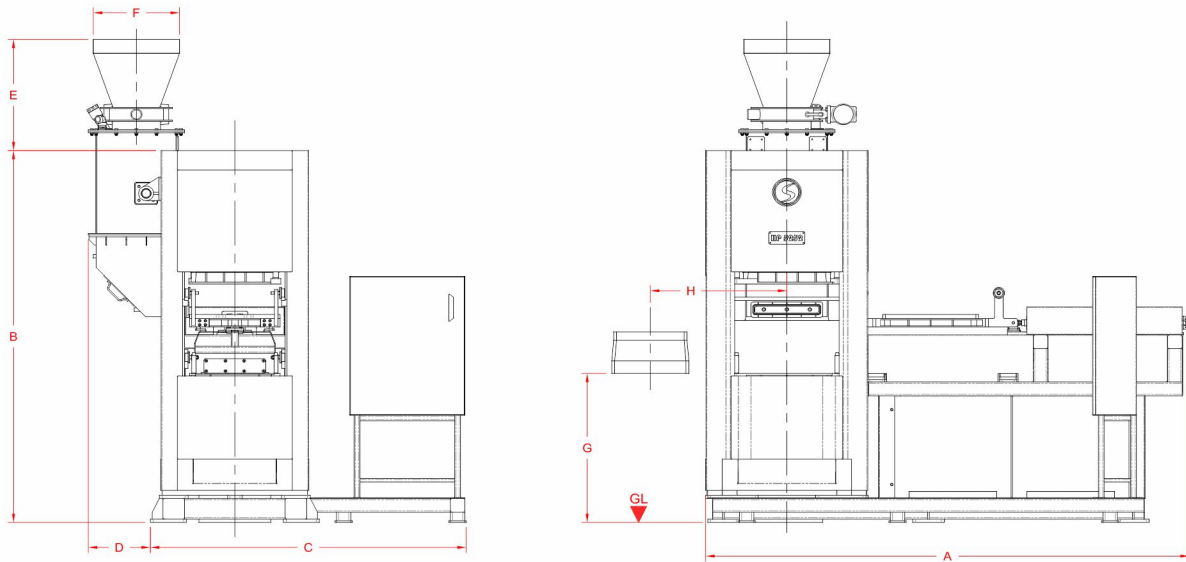
1.	Weight of the Machine Approx.	Kgs	2500	3000	5000	9000	12000	14000
2.	Prod Capacity Mould / Hr		20 - 25	20 - 25	15 - 20	15 - 20	15 - 20	10 - 15

SALIENT FEATURES

- Stand alone Model
- Single Station Moulding
- Horizontal with Flask
- Multi Rod Squeeze
- Bottom Squeeze
- Turn Table Type
- PLC Auto Control
- Cope / Drag of Different Heights
- Fully Hydraulic Controlled

HP Series

TECHNICAL DATA FOR HIGH PRESSURE FLASKLESS MOULDING MACHINES



Sl. No.	MODEL	HP 5252	HP 5066	HP 6070
1	Mould Box (L x B) mm	520 x 520	508 x 660	660 x 700
2	Top Box Height (mm)	150 ~ 220	160 ~ 220	200 - 250
3	Bottom Box Height (mm)	150 - 200	160 - 220	200 - 250
4	Pressure @ Mould (Kg/cm ²)	7 - 8	7 - 8	7 - 8
5	Operating Sq. Pressure (Bar)	80	80	80
6	Power (HP)	20 + 5	25 + 5	30 + 5
7	Air (cfm)	20	30	40
Sl. No.	DIMENSION	HP 5252	HP 5066	HP 6070
1	Length of Machine (A)	3370	3670	3770
2	Height of Machine (B)	2680	2730	2780
3	Width of Machine (C)	2200	2200	2350
4	Chamber Width (D)	430	430	500
5	Hopper Level (E)	820	820	820
6	Hopper Size (F)	600 SQ	600 SQ	600 SQ
7	Cake Level (G)	1074	1100	1125
8	Cake Exit Point (H)	950	1090	1130

SALIENT FEATURES

- Hydraulic Squeeze
- Less Energy
- Easy Operations
- Pressurized Sand
- Floor Mountable
- Stand Alone

Mfg. & Marketed by

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