

ENGINEERING WITH PRECISION



ABOUT US

We, **ESEMPLAST AVINYA**, are a distinguished manufacturer of a wide range of Injection Moulding Machine, Servo Injection Moulding Machine, PET Injection Moulding Machine, Laboratory Injection Moulding Machine & Two-Platen Injection Moulding Machine.

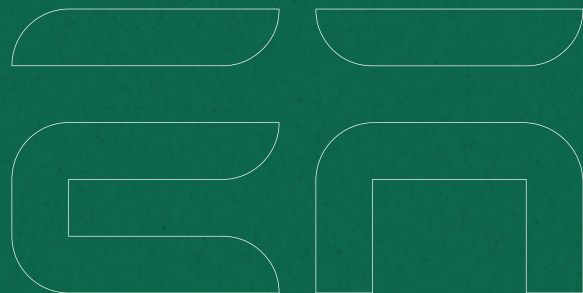
Founded in the year 1993, we are a company that is incepted with an objective of providing precision engineering through our highly efficient & reliable machines in diverse specifications. Situated in Ahmedabad (Gujarat, India), we have constructed a well-functional infrastructural unit that plays a crucial role in uplifting of the plastic moulding industry.

Under the able leadership of '**Mr. Mukesh Joshi**' (**Founder**) & '**Mr. Jay Patel**' (**Managing Director**), we have gained huge clientele across the globe.

WHY US?

Owing to our world-class products, we have become the foremost choice of our esteemed clients. Some of the noticeable factors due to which we have gained a prominent position in the industry are as follows:

- Skillful team of engineers
- State-of-art infrastructure
- World-class products
- Transparent management
- Wide distribution network



TECHNICAL PARAMETERS

INJECTION SYSTEM	UNIT	EA 30	EA 50
Screw Diameter	mm	45	50
Screw L/D	-	22:1	22:1
Injection Weight (HDPE)	g	240	374
Max. Screw Speed	rpm	10 - 225	10 - 235
Heating Capacity	kw	8.8	10
CLAMPING & BLOWING SYSTEM			
Clamping Force of Injection	kn	300	500
Clamping Force of Blowing	kn	80	90
Max. Platen Size (L x W)	mm	400 x 270	560 x 390
Min. Mold Thickness (H)	mm	180	240
Heating Capacity of Mould	kw	3	3.6
STRIPPING SYSTEM			
Stripping Stroke	mm	220	270
Dry Cycle	sec	4	4
DRIVING SYSTEM			
Motor Power	kw	15	18.8
Hydraulic Pressure	mpa	15	15
Product Range	-	-	-
Suitable Bottle Range	ml	5 - 800	5 - 800
Max. Bottle Height	mm	≤ 190	≤ 200
Max. Dia. of Bottle	mm	≤ 100	≤ 100
OTHERS			
Min. Air Pressure	mpa	1	1
Discharge Rate of Compressed Air	m ³ /min	≥ 0.7	≥ 0.7
Water Flowage	m ³ /h	3	4
Total Rated Power with Mold Heating	kw	26.8	32.4
Dimension (L x W x H)	m	3.56 x 1.25 x 2.25	4.11 x 1.45 x 2.50
Net Weight	ton	4	6

MOULD CAVITATION - EKAIVA 30

No. of Cavities	1	2	3	4	5	6	7	8	9
Neck Diameter (mm)	45	40	35	35	35	30	25	20	10
Body Diameter	100	55	50	48	45	40	35	25	20
Max. Height (mm)	180	160	140	120	100	80	70	50	40
Max. Volume (ml)	600	300	200	150	100	60	40	20	15

MOULD CAVITATION - EKAIVA 50

No. of Cavities	2	4	6	7	8	9	10	12	13
Neck Diameter (mm)	45	40	35	35	30	25	25	20	10
Body Diameter	80	60	50	48	40	35	30	25	20
Max. Height (mm)	220	180	140	100	80	70	60	50	40
Max. Volume (ml)	1000	400	200	100	60	40	30	20	15