

## Other Products

PET Stretch Blow Moulding Machine.  
Preform Injection Mould.  
Blow Mould.  
Auxiliary Equipment .  
Plastic Extrusion Machines.  
Twin Screw Pipe Plants.  
Laboratory Testing Equipment.



Engineering,  
Precision,  
Excellence.



# DEESHA IMPEX

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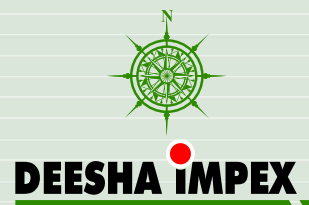
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# DEESHA IMPEX

## Injection Moulding Machine



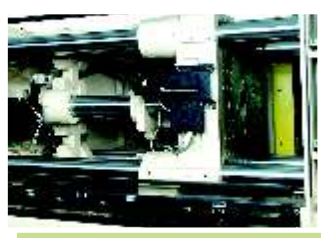
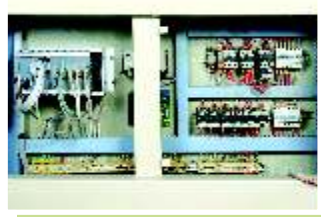
### ADVANTEGES:

- You can process PET as well as other plastics.
- Rapid changeability in function due to proven hydraulic circuit & perfect Electronic control through standard PLC.
- Fast Production with precision moulding with dimension stability of plastic article.
- Parallel Mould Mounting on the machine.
- Perfect Injection in 5 stages with linear graph.
- Mould protection during processing through Low Pressure Mould Safety Device.
- Perfect Production Program due to programmable shot counter [Good Shot + Bad Shot].
- Alarm History for preventive maintains of machine.
- Set History for ready reference of processing parameters in particular one mould.
- 50 mould memory to avoid start up time for repeating mould on the machine.
- 20% Electric power saving.
- Easy switch over from PET product to other plastics product with high & efficient Working performance, e.g.
- PET per-form to PP caps.
- Low cost maintenance in future due to good quality machine.

### FEATURES:

- We are using PLC of for precise parameter setting & excellent Working performance in 50\* C temp. in summer season.
- Proportional Hydraulic Circuit for 15% to 20% power saving.
- Regenerating Hydraulic Circuit in Mould closing for fast closing approach.
- High pressure Hydraulic Power Pack as per model.
- Motorized mould height adjustment.
- Vertical Taper five point Double Toggle mechanism with sliding guide bar.
- Self-lubricating graphite filled bushes in clamping unit for long life performance.
- Cold Screw drive prevention in Injection unit.
- Auto purging facility in Injection unit.
- Machine Construction.
- In built oil tank to prevent foreign particles in hydraulic oil.
- Maintain international standard in leveling, parality & stretching ratio in m/c.

### TECHNICAL SPECIFICATION .



Item	Unit	Deesha IM-D10		Deesha IM-D30		Deesha IM-D50		Deesha IM-D70		Deesha IM-D100		Deesha IM-D125		Deesha IM-D180		Deesha IM-D200		Deesha IM-D260		Deesha IM-D320											
<b>INJECTION UNIT</b>																															
Screw Diameter	mm	15	20	25	20	25	30	25	30	35	25	30	35	30	35	40	35	40	45	40	45	50	45	50	60	50	60	70	60	70	80
Theo. Shot Volume	cm <sup>3</sup>	18	31	49	31	49	70	54	77	105	63	91	125	105	144	188	163	213	270	250	317	392	397	490	706	549	791	1077	989	1346	1759
Shot Weight (PS)	gm	15	26	44	26	44	63	48	69	94	57	82	112	95	129	169	147	192	243	226	286	353	429	529	762	539	854	1163	1068	1454	1900
Injection Pressure	kg/cm <sup>2</sup>	2500	1730	1110	2260	1446	1100	2260	1570	1160	2700	1900	1395	1899	1395	1100	1660	1270	1100	1987	1570	1271	235	191	132	246	171	125	226	166	127
Screw Stroke	mm	70		100		110		130		110		120		150		250		280		350											
Nozzle Stroke	mm	100		125		150		180		150		200		250		320		370		350											
Screw Revolution	RPM	260		260		300		300		300		300		300		148		156		146											
Temperature	Zone	3		4		4		4		4		4		4		5		6		6											
<b>CLAMPING UNIT</b>																															
Mould Clamp Force	Ton	15		30		50		70		100		125		180		200		260		320											
Mould Ope. Stroke	mm	100		200		250		300		350		400		440		482		550		580											
Min./Max. Mould Ht.	mm	100/200		100/250		100/300		150/350		200/400		200/400		200/450		200/500		250/560		250/655											
Max. Daylight	mm	300		450		550		650		750		800		890		982		1110		1235											
Tie-bar Dist. H x V	mm	170x170		210x210		260x260		310x310		370x370		410x410		510x510		510x510		620x570		670x670											
Platen Size H x V	mm	300x300		320x320		400x400		470x470		530x530		610x610		710x710		770x770		920x870		940x940											
Ejector Stroke	mm	---		40		50		60		75		85		100		140		160		180											
<b>ELECTRICAL DEVICES</b>																															
Pump Motor	Kw	2.3		3.8		3.8		5.62		9.37		11.15		15		18.5		22		30											
Heater	Kw	2		2.5		4		5		6		7.5		9		14.3		17.2		23.3											

\* We reserve the right to change and/or modify the specification without prior notice.