



BRUNIA TECH

Your Partner In Success...



Designed by experts and made in India, **Brunia Tech's** blow moulding machines are finest in the industry, with high quality technical specifications.

Features

- ▶ PLC controlled fully automatic machine
- ▶ High quality hydraulic and pneumatic components
- ▶ Industry standard safety features
- ▶ ABB Electrical Motor, Mitsubishi/Delta AC Drive
- ▶ Hot Cutter
- ▶ Current Models: Single Head Single Station, Single Head Double Station, Double Head Double Station
- ▶ Coming up: Multi Head with de-flashing system



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All Models & Specifications:

		Model	BT 200/H/1	BT 500/H/1	BT 1000/H/1	BT 2000/H/1	BT 5000/H/1
Features		Unit					
	Stations		1	1	1	1	1
Extruder	Screw Diameter	mm	35	40	45	50	60
	Ratio	L/D	20:1	20:1	20:1	20:1	20:1
	Blowing Capacity	ml	200	500	1000	2000	5000
	Screw Speed	RPM	0 ~ 75	0 ~ 75	0 ~ 75	0 ~ 75	0 ~ 75
	Plasticizing Capacity	Kg/Hr	6 ~ 7	8 ~ 9	16 ~ 18	28 ~ 30	50 ~ 55
	Heating Zone	Nos.	5	5	5	5	7
	Maximum Die Dia. (HD /PP)	mm	20	35	50	90	140
Mould	Mould Opening Stroke	mm	130	150	180	210	260
	Min. Mould Thickness	mm	125	175	175	200	250
	Mould Height	mm	170	250	305	355	450
	Mould Length	mm	125	150	200	250	300
	Dry Cycles/Min	Nos.	12	10	10	8	6
	Max. Container Diameter	mm	60	75	125	150	200
Electrical	Extruder Drive	HP	3	5	7.5	10	15
	Hydraulic Drive	HP	3	3	5	5	10
	Heating Load	KW	4	6	7	9	15
	Total Power of M/c.	HP	11	16	22	27	45
Dimensions	Oil Tank Capacity	Ltr.	80	100	125	225	250
	M/c. Dimension LxWxH	cm	162 x 84 x 178	168 x 92 x 198	190 x 120 x 230	215 x 110 x 220	240 x 240 x 240
	Panel Dimension	cm	65 x 45 x 126	65 x 45 x 126	65 x 45 x 126	65 x 45 x 126	80 x 45 x 150
	Machine & Panel Wt.	Ton	0.9	1.3	1.7	2.2	3.5
	Air Requirement	CFM	9	10	12	12	15

		Model	BT 200/H/2	BT 500/H/2	BT 1000/H/2	BT 2000/H/2
Features		Unit				
	Stations		2	2	2	2
Extruder	Screw Diameter	mm	40	45	50	60
	Ratio	L/D	20:1	20:1	20:1	20:1
	Blowing Capacity	ml	200	500	1000	2000
	Screw Speed	RPM	0 ~ 75	0 ~ 75	0 ~ 75	0 ~ 75
	Plasticizing Capacity	Kg/Hr	8 ~ 9	16 ~ 18	28 ~ 30	50 ~ 55
	Heating Zone	Nos.	5	5	5	6
	Maximum Die Dia. (HD /PP)	mm	20	35	50	90
Mould	Mould Opening Stroke	mm	130	150	180	210
	Min. Mould Thickness	mm	125	175	175	200
	Mould Height	mm	170	250	305	355
	Mould Length	mm	125	150	200	250
	Dry Cycles/Min	Nos.	10	8	8	6
	Max. Container Diameter	mm	60	75	125	150
Electrical	Extruder Drive	HP	5	7.5	10	15
	Hydraulic Drive	HP	3	5	7.5	7.5
	Heating Load	KW	6	7	9	15
	Total Power of M/c.	HP	16	22	30	43
Dimensions	Oil Tank Capacity	Ltr.	100	125	225	250
	M/c. Dimension LxWxH	cm	160 x 150 x 200	190 x 170 x 220	220 x 180 x 230	240 x 200 x 230
	Panel Dimension	cm	65 x 45 x 126	65 x 45 x 126	65 x 45 x 126	65 x 45 x 126
	Machine & Panel Wt.	Ton	1.3	2.0	2.3	4.0
	Air Requirement	CFM	12	14	15	15

Customized machines, special features like pneumatic control, double head double station, auto de-flashing, etc. can be provided on request.

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