

## Technical Specification of Extrusion Moulding Machine



### PBM 250D, 500D, 1D, 2D, 5D

Description	UNIT	PBM 250D	PBM 500D	PBM 1D	PBM 2D	PBM 5D
Screw Diameter	MM	38	45	50	60	65
Screw RPM	-	0-96	0-96	0-96	0-96	0-90
Plasticising Capacity	KG/HR	15-18	28-30	35-40	42-45	50-60
Max. Article Wt.	GMS	50	75	100	150	325
Max. Article Dia.	MM	65	75	100	125	200
Max./Min. Mold Thk.	MM	135/120	150/125	175/150	200/175	275/225
Max./Mold Height/Width	MM	225/130	225/130	300/200	350/250	450/350
Min./Max. Volume	ML	20/250	30/500	100/1000	250/2000	1000/5000
Max. Mould Open Stroke	MM	125	150	175	200	275
Screw Drive	AC KW	3.7	5	7.5	11	18
Hyd. Pump Drive Motor	KW	3.7	3.7	3.7	3.7	7.5
Extruder Heating Load	KW	5	7.2	8	11	12
Head Heating Load	KW	2.2	2.2	3.3	4.6	4.7
Blower	KW	0.3	0.3	0.3	0.3	0.3
Total Electric Load	KW	14.9	18.4	22.8	30.6	42.5
Oil Tank Capacity	Ltrs.	80	80	80	80	200
Air Pressure	KG/CM2	7	7	7	7	7
Air Consumption	Ltr/Mln	90	100	125	200	200
Accumulator Capacity	GMS	N.A.	N.A.	N.A.	N.A.	N.A.
Floor Space (Appr. Mtr.)	L x M x H	2.1 x 2.1 x 2.1	2.1x2.1x2.1	2.3 x 2.3 x 2.2	2.8 x 2.5 x 2.5	2.8 x 2.8 x 2.7
Machine Weight (Apprx.)	MT	2.1	2.3	3.5	4	4.5

### PBM 500 H, 1H, 2H, 5H

Description	UNIT	PBM 500H	PBM 1H	PBM 2H	PBM 5H
Screw Diameter	MM	38	45	50	60
Screw RPM	-	0-96	0-96	0-96	0-96
Plasticising Capacity	KG/HR	15-18	28-32	35-40	42-45
Max. Article Wt.	GMS	75	100	150	325
Max. Article Dia.	MM	75	100	125	200
Max./Min. Hold Thk.	MM	150/125	175/150	200/175	275/225
Max./Mold Height/Width	MM	225/130	300/200	350/250	400/350
Min./Max. Volume	ML	30/500	100/1000	250/2000	1000/5000
Max. Mold Open Stroke	MM	150	175	200	275
Screw Drive	ACKW	3.7	5	7.5	11
Hyd. Pump Drive Motor	KW	3.7	3.7	3.7	7.5
Extruder Heating Load	KW	5	7.2	8	11
Head Heating Load	KW	2.2	3.3	3.6	6.3
Blower	KW	0.3	0.3	0.3	0.3
Total Electric Load	KW	14.9	19.5	23.1	36.1

Oil Tank Capacity	Ltrs.	80	80	80	200
Air Pressure	KG/CM2	7	7	7	7
Air Consumption	Ltr/Min	70	100	150	250
Accumulator Capacity	GMS	N.A.	N.A.	N.A.	1000
Floor Space (Appr. Mtr.)	L x M x H	2.2 x 1.6 x 2.2	2.3 x 1.7 x 2.2	2.3 x 1.9 x 2.5	2.8 x 2.1 x 2.7
Machine Weight (Apprx.)	MT	1.7	2.4	3.5	4.2

**PBM 20 H, 50 H**

Description	UNIT	PBM 20H	PBM 50H
Screw Diameter	MM	65	90
Screw RPM	-	0-80	0-80
Plasticising Capacity	KG/HR	50-60	80-90
Max. Article Wt	GMS	1500	3000
Max. Article Dia.	MM	300	400
Max./Min. Hold Thk.	MM	250 (MIN.)	300 (MIN)
Max./Mold Height/Width	MM	550/500	825/710
Min./Max. Volume	ML	5000/20000	20000/50000
Max. Mold Open Stroke	MM	610	750
Screw Drive	AC KW	15	22
Hyd. Pump Drive Motor	KW	11	11
Extruder Heating Load	KW	14.8	28
Head Heating Load	KW	16	16
Blower	KW	0.3	0.4
Total Electric Load	KW	56.8	77.4
Oil Tank Capacity	Ltrs.	200	400
Air Pressure	KG/CM2	7	7
Air Consumption	Ltr/Min	350	500
Accumulator Capacity	GMS	3000	6000
Floor Space (Appr. Mtr.)	L x M x H	3.8 x 2.5 x 3.3	5.2 x 3.7 x 2.7
Machine Weight (Apprx.)	MT	6.5	9.5

**Note**

\* Due to continuous technical development, specifications are subject to changed without legal obligation on the part of manufacturer.

\* Machine photographs shown in website contain some optional equipments.