

# Technical Specification IBM Series

## IBM25 to IBM45

NO	ITEM	UNIT	IBM25	IBM35	IBM45
1	Diameter of screw	MM	35	40	45
2	Max. theoretical capacity	CM <sup>3</sup>	158	220	286
3	Total power of cylinder-heating	KW	6.5	6.5	10
4	Control area of electric-heating	QTY	3	3	3
5	Clamping force of injection mold	KN	280	350	450
6	Blow mold opening stroke	MM	120	120	120
7	Blow mold clamping force	KN	30	30	78
8	Opening stroke of blow mold	MM	120	120	120
9	Idle time	SEC	4	4	8
10	Max plate size of die(L X W)	MM	300 * 200	300 * 200	480 * 390
11	Min. die thickness	MM	180	180	240
12	Motor power	KW	15	15	22
13	Die- heating power	KW	1.6	1.6	1.6
14	Pressure of hydraulics system	MPA	14	14	14
15	Min. working pressure of comp air	MPA	0.8	0.8	0.8
16	Discharge rate of compressed air	M <sup>3</sup> /min	>=0.8	>=0.8	>=0.8
17	Consumption of cooling water	M <sup>3</sup> /hr	3	3	3
18	Dimension of machine (L X W X H)	MM	3100 * 1100 * 2200	3100 * 1100 * 2200	4000 * 1970 * 2350
19	Machine weight	T	2.5	3.0	6
20	Range of product	L	0.003-0.6	0.003-0.6	0.005-0.8
21	Diameter of product	MM	<=100	<=100	<=100
22	Hight of Product	MM	<=145	<=175	<=200
23	Conveyer belt motor power	KW	0.1	0.1	0.1
24	Total power	KW	25	25	34