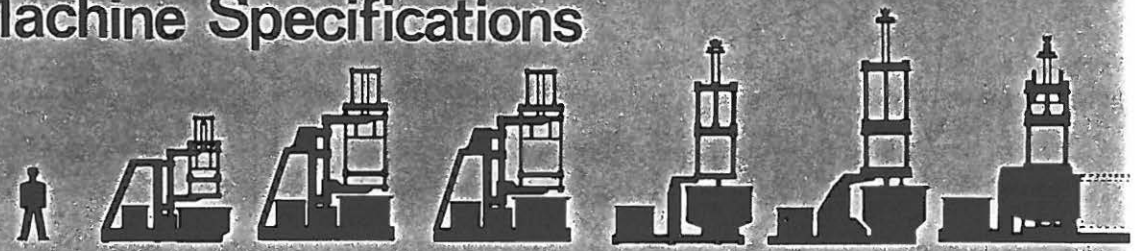
DIMO

Machine Specifications



				VT	VR	VRS	DL	DB	DS
1.	Overall Size of Platens	Inch	1	32 × 24	45 × 30	45 × 45	55 × 39	86 × 50	67 × 43
2.	Space between the tie bars	Inch	2	24 × 16	36 × 21	36 × 36	46 × 30	72 × 36	54 × 30
3.	Maximum Platen Working Area	Inch	3	24 × 24	36 × 30	36 × 45	46 × 39	72 × 50	54 × 43
4.	Minimum die height	Inch	4	14	8.75	8.75	8.75	9	10
5.	Maximum die height	Inch	5	14	24	24	35 3/8	36	24
6.	Stroke of moving platen	Inch	6	20	30	30	30	42	30
7.	Diameter of tie bars	Inch	7	2.5	3	3	3.5	4	4
8.	Ejector plate size	Inch	8	25 × 21	30 × 30	30 × 30	36 × 36	45 × 46	48 × 36
9.	Ejector plate adjustment	Inch	9	15	15	15	18	16	20
10.	Platen closing force	lbs	10	5950	10140	16750	16750	23360	16750
11.	Platen opening force	lbs	11	8375	12340	19400	19400	28210	19400
12.	Core pull cylinder closing force	lbs	12	4850	4850	4850	8375	8375	8375
13.	Core pull cylinder opening force	lbs	13	3970	3970	3970	6830	6830	6830
14.	Stroke of core pull cylinders	Inch	14	10''	10''	10''	12''	12''	12''
15.	Hydraulic Line Pressure (Normal)	lbs/In²	15	1000	1000	1000	1000	1000	1000
16.	Hydraulic Line Pressure (Maximum)	lbs/In²	16	1500	1500	1500	1500	1500	1500
17.	Hydraulic Pump motor size	HP	17	7.5	7.5	7.5	20	20	20
18.	Furnace power rating (at 380V)	KVA	18	27	37	37	45	45	45
19.	Total machine power rating (at 380V)	KVA	19	33	44	44	61	61	61
20.	Minimum air pressure required	lbs/In²	20	80	80	80	80	80	80
21.	Air required per minute, at minimum pressure	Ft³	21	5	5	5	6.5	6.5	6.5
22.	Maximum furnace working pressure	lbs/In²	22	15	15	15	15	15	15
23.	Crucible holding capacity (molten aluminium)	lbs	23	330	730	730	1100	1100 or 2100	1100
24.	Maximum machine height (approx)	Ft/Ins	24	11' 10''	17' 1''	17' 1''	19' 8''	22' 11''	19' 8''
25.	Maximum machine length (approx)	Ft/Ins	25	11' 10''	12' 6''	11' 8''	10' 6''	15' 1''	16' 9''
26.	Maximum machine width (approx)	Ft/Ins	26	8' 5''	8' 5''	9' 6''	8' 7''	12' 10''	9' 6''
27.	Machine weight (approx)	lbs	27	9920	16530	18735	27550	44080	34160
28.	Machine Loading (approx)	lbs/In²	28	1.16	1.93	2.06	3.27	3.70	4.05