

VERTICAL SCREW TYPE HYDRAULIC MOULDING MACHINE

MODEL		TPV20	TPV25	TPV30	TPV35	TPV40	TPV45	TPV50	TPV60	TPV70	TPV85	TPV100
INJECTION UNIT												
SHOT CAPACITY	GMS	30	60	100	150	200	250	300	400	500	700	1000
SCREW DIAMETER	MM	25	30	35	40	45	60	55	60	65	70	80
SCREW L/D RATIO	L/D	18.1	18.1	17.1	17.1	17.1	16.1	16.1	16.1	16.1	16.1	16.1
SCREW STROKE	MM	115	125	150	175	200	225	250	275	300	325	350
SCREW SPEED (MAX)	RPM	225	200	190	190	160	160	150	150	140	140	140
INJECTION PRESSURE	PSI	1250	1200	1150	1150	1100	1100	1175	1050	1050	1000	970
LOCKING UNIT												
LOCKING FORCE	TONS	20	25	30	35	40	45	50	60	70	85	100
MOULD OPENING STROKE	MM	175	200	225	250	275	275	300	300	325	350	400
MIN. MOULD HT.	MM	75	100	125	125	125	150	150	150	200	200	250
MAX. MOULD HT.	MM	175	200	225	250	275	275	300	300	350	350	400
TIEBAR DIAMETER	MM	40	45	50	55	60	65	70	70	75	75	80
TIEBAR DIST CENTER	MM	200	250	325	350	375	400	425	450	500	550	600
PLATEN SIZE (HXV)	MM	170X320	185X380	200X465	225X500	225X535	250X575	250X615	275X640	300X700	325X750	350X810
POWER SYSTEM												
ELE.MOTOR POWER	HP/KW	2/1.5	3/2.25	5/3.75	5/3.75	7.5/5.6	7.5/5.6	7.5/5.6	10/7.5	10/7.5	12.5/9.3	15/11
BARLE HEATING LOAD	KW	2.25	2.25	3.5	3.75	4.5	5.6	6.2	7.5	9.5	11	12.5
TOTAL CONNECTION LOAD	KW	3.75	4.5	7.25	7.5	10.1	11.2	11.8	15	17	20.3	23.5
HEATING ZONES	NO	3	3	3	3	3	4	4	4	4	4	4
OTHERS												
PUMP CAPACITY	GPM	2	3	3	5	5	8	8	8	8	11	11
OIL TANK CAPACITY	LITER	60	70	80	90	100	110	120	130	140	150	160
MACHINE WEIGHT APPROX	TON	0.75	1.0	1.2	1.35	1.6	2.1	2.6	3.0	3.5	3.75	4.0
FLOOR SPACE LXHXW	METER	1.3X2X0.7	1.5X2.4X0.7	1.6X2.7X0.7	1.7X2.9X0.8	1.8X3X0.9	2X3.2X1	2.2X3.3X1.1	2.4X3.4X1.2	2.4X3.5X1.3	2.5X3.8X1.3	2.7X4.2X1.5