

DOWNSTROKING TYPE SMC/DMC/FRP COMPRESSION MOULDING PRESSES

TECHNICAL SPECIFICATIONS:

Models	SCMD 30	SCMD 60	SCMD 100	SCMD 150	SCMD 200	SCMD 250	SCMD 300	SCMD 350	SCMD 400	SCMD 500	SCMD 600	SCMD 700	SCMD 800	SCMD 1000	SCMD 1200	SCMD 1500	SCMD 2000	SCMD 2500	SCMD 3000
Capacity (Tons)	30	60	100	150	200	250	300	350	400	500	600	700	800	1000	1200	1500	2000	2500	3000
Pull Back Force (Tons)	8	8	8	10	10	20	20	30	30	50	60	60	60	100	120	150	150	150	150
Stripper Capacity (Tons)	-	-	-	-	-	-	50	50	100	100	150	150	200	200	200	300	300	300	300
Platen Size (mm)	400 x 400	500 x 500	600 x 600	750 x 750	1000 x 900	1000 x 1000	1250 x 1250	1500 x 1250	1500 x 1250	1500 x 1250	1800 x 1600	2000 x 1600	2000 x 1600	2200 x 1600	2200 x 1800	2300 x 2000	2500 x 2000	2500 x 2000	2500 x 2000
T-Slots	T-16	T-16	T-16	T-16	T-16	T-20	T-20	T-20	T-20	T-20	T-22	T-24	T-24	T-24	T-24	T-24	T-24	T-24	T-24
Day light (mm)	500	600	750	800	900	1000	1200	1250	1250	1500	1500	1600	1700	1800	1800	1800	1800	2000	2000
Stroke length (mm)	400	450	550	600	650	700	900	900	900	1050	1050	1200	1200	1400	1400	1400	1400	1400	1400
Shut Height (mm)	100	150	200	200	250	300	300	350	350	450	450	400	500	400	400	400	400	600	600
No. of Main Ram + Jacking Cyl.	1	1+2Nos.	1+2Nos.	1+2Nos.	1+2Nos.	1+2Nos.	1+2Nos.	1+2Nos.	2+2Nos.	2+4Nos.	2+4Nos.	2+4Nos.	2+4Nos.	2+4Nos.	2+4Nos.	2+4Nos.	3+4Nos.	3+4Nos.	3+4Nos.
Working Pressure (Bar)	200	200	200	210	210	210	210	210	210	250	250	250	250	250	250	250	250	250	250
Approach Speed (mm / sec.)	30-40	70-80	100	120-150	130-150	130-150	150	150-200	150-200	150-200	150-200	150-200	200-300	200-300	200-300	200-300	200-300	200-300	200-300
Pressing Speed (mm / sec.)	2-5	10-20	10-20	10-20	20-30	15-20	20-25	15-25	15-25	15-25	15-25	15-25	15-25	20-30	20-30	20-30	20-30	20-40	20-40
Slow opening Speed (mm / sec.)	2-5	10-20	10-20	10-20	15-20	15-20	15-20	15-20	15-20	15-20	15-20	15-20	15-20	15-20	15-25	15-25	15-30	15-30	15-30
Fast Return speed (mm / sec.)	30-50	80-90	120	130-160	150	160	160	200	200	160-210	160-210	160-210	300	260-320	250	250	250-300	250-300	250-300
Ejector Force (tons)	5	6	6	6	8	10	15	15	15	40	40	40	40	40	45	45	45	60	60
Bore Diameter of Ejector (mm)	50	63	63	63	70	100	120	120	120	100	100	100	100	100	110	110	110	120	120
No. of Ejector	1	1	1	1	1	1	1	1	1	4 Nos. with Cam / Pins									
Stroke length of Ejector (mm)	125	150	175	175	200	200	250	250	250	250	250	250	300	300	300	350	400	400	450
Electric Motor (H.P.)	5	7.5	10	15	20	25	25	30	40	50	60	75	75 to 100	100	125	125	125 to 150	150	200
Pump	Double pump (High / low Pressure)																		
Operation	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control	PLC control
Mould Safety Interlock	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided
Photo Safety Guard (Sick Make)	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided
Weight of the press Approx (Tons)	4 - 5	6	7	10 - 11	13 - 14	16 - 17	18 - 19	20	25	30 - 35	40 - 45	50	55	60	65	65 - 70	80	100	100-110