

S-2500

MACHINE-TYPE		S-2500-850	S-2500-1450	S-2500-2150			
CLAMPING-UNIT							
Holding force	kN	2750	2750	2750			
Clamping force	kN	2500	2500	2500			
Opening force (0 to 10 mm)	kN	151	151	151			
Opening stroke (max.)	mm	575	575	575			
Mould diameter (min.)	mm	350	350	350			
Max. mouldweight ***)	kg	2000	2000	2000			
Max. daylight	mm	1260	1125	1125			
Mouldheight							
- min./max. standard	mm	200 - 550	200 - 550	200 - 550			
- min./max. 1.extension *)	mm	200 - 685	300 - 685	300 - 685			
- min./max. 2.extension *)	mm	425 - 820	425 - 820	425 - 820			
Distance between tie bars	mm	585 x 585	585 x 585	585 x 585			
Tie bar diameter	mm	110	110	110			
Ejector force	kN	55	55	55			
Ejector stroke (max.)	mm	175	175	175			
Dry cycle time (Euromap 6 - 1994)							
- without nozzle retraction	s	1.6 (410 mm)	1.6 (410 mm)	1.6 (410 mm)			
- with nozzle retraction	s	1.6 (410 mm)	1.6 (410 mm)	1.6 (410 mm)			
Weight clamping-unit	kg*10 ³	9.5	9.5	9.5			
INJECTION UNIT							
Screw		A	B	A	B	A	B
Screw diameter	mm	45	52	52	62	62	72
Screw L/D ratio		25.0 29.1	20.0	23.8	20.0	23.2	20.0
Injection pressure (max.) **)	bar	2200	1800	2100	1600	2100	1600
Screw stroke (max.)	mm	235	235	280	280	315	315
Calculate swept volume (max.)	cm ³	374	499	595	845	951	1283
Shot weight PS (max.)	g	355	474	565	803	903	1218
Injection rate (max.)	cm ³ /s	1590	2124	2124	3019	2264	3054
Plasticizing capacity PE (PE-II screw)	g/s 1)	42	49	58	64	83	80
	kg/h 1)	47	54	64	77	89	104
Hydromotor A		MR 350	MR 450	MRE 500	MR 700	MR 700	MR 1100
Screw speed (max.)	min-1	427	332	397	284	368	234
Screw torque	Nm	916	178	1309	1833	1833	2880
Hydromotor D (increased speed)		MR 250	MR 350	MR 400	MRE 500	MR 600	MRE 800
Screw speed (max.)	min-1	597	427	497	397	430	322
Screw torque	Nm	655	916	1047	1309	1571	2094
Heating zones		5 + 1	5 + 1	5 + 1	5 + 1	5 + 1	5 + 1
Heating capacity	kW	14	14	20	20	25	25
Nozzle contact force	kN	49	49	85	85	71	71
Nozzle stroke (max.)	mm	430	430	430	430	430	430
Rating of electromotor	kW	55	55	75	75	90	90
Noise level ****)	dBa	72	72	73	73	74	74
Oil reservoir capacity	l	600	600	600	600	800	800
Weight injection-unit	kg*10 ³	4.0	4.0	4.3	4.3	5.0	5.0
Controller		IPC526 CDS600		CDS600		CDS600	

1) Depending on proces conditions and max. attainable screw-speed

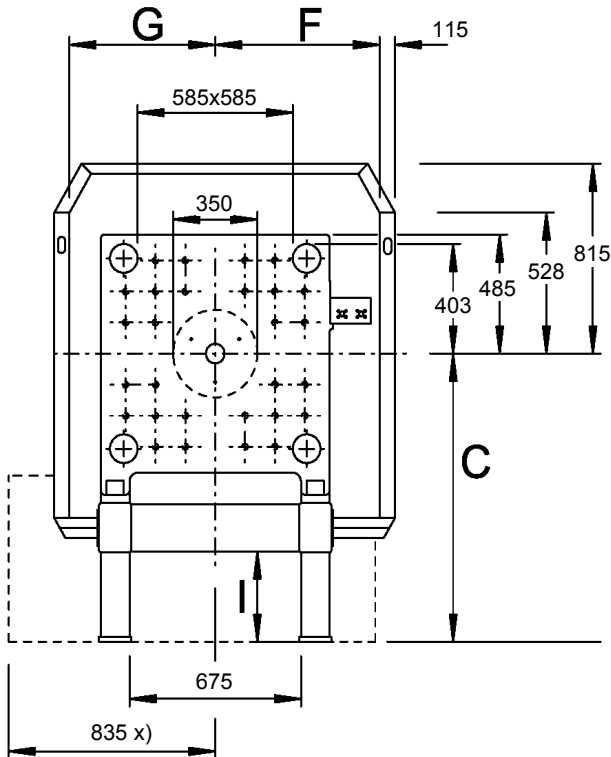
*) Optional, on request

***) At 300 degrees C.

****) 2/3 of the weight on fixed platen

*****) According ISO 3744

S-2500



	B	C	D
850	3706 3620	1450	840
1450 x)	3860	1450	890
2150	4295	1450	890

	std	1	2
A	3356	3591 3494	3626
Hmin	200	200 300	425
Hmax	550	685	820

	std	1	2 xx	3 xx	4 xx
C	1450	1550	1650	1850	2050
I	680	780	880	1080	1280
J	640	740	840	1040	1240

xx : 300x300

	std	1	2
F	893	1143	1393
G	643	893	1143

