



WOOJIN PLAIMM

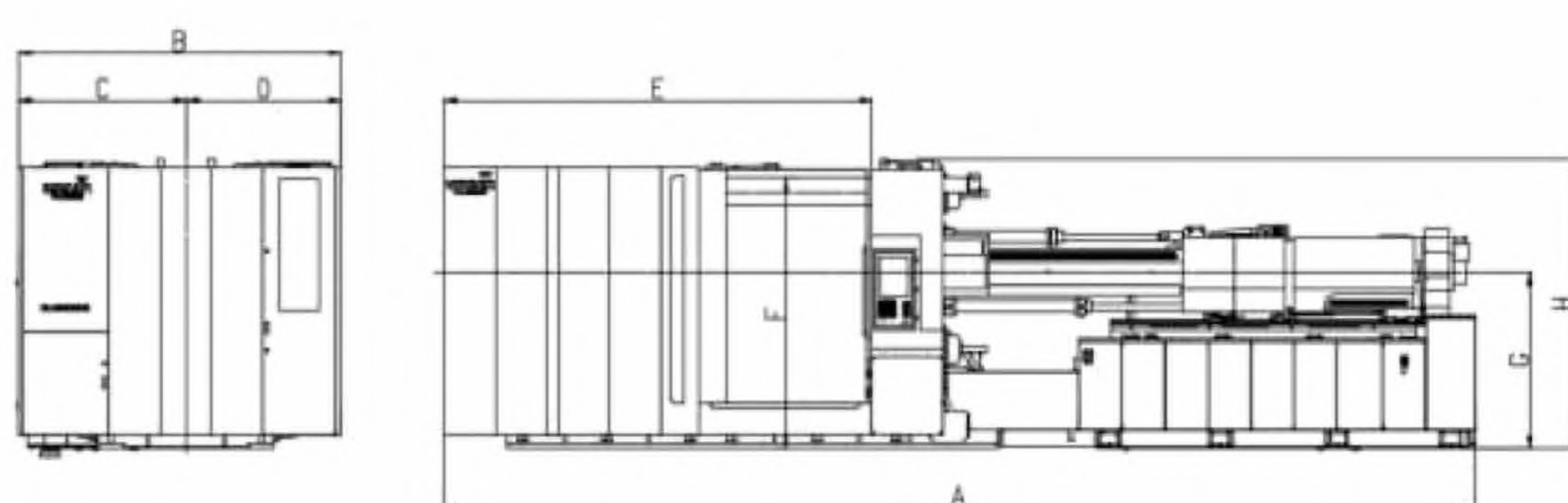
SPEC. CATALOGUE

THE WORLD'S BEST INJECTION MOLDING MACHINE

01. Theoretical injection volume: screw cross section*screw stroke.
02. Mold size should be more than 60% of tie-bar distance.
03. The specifications might be changed without any prior notice for optional purpose and/or quality improvement.

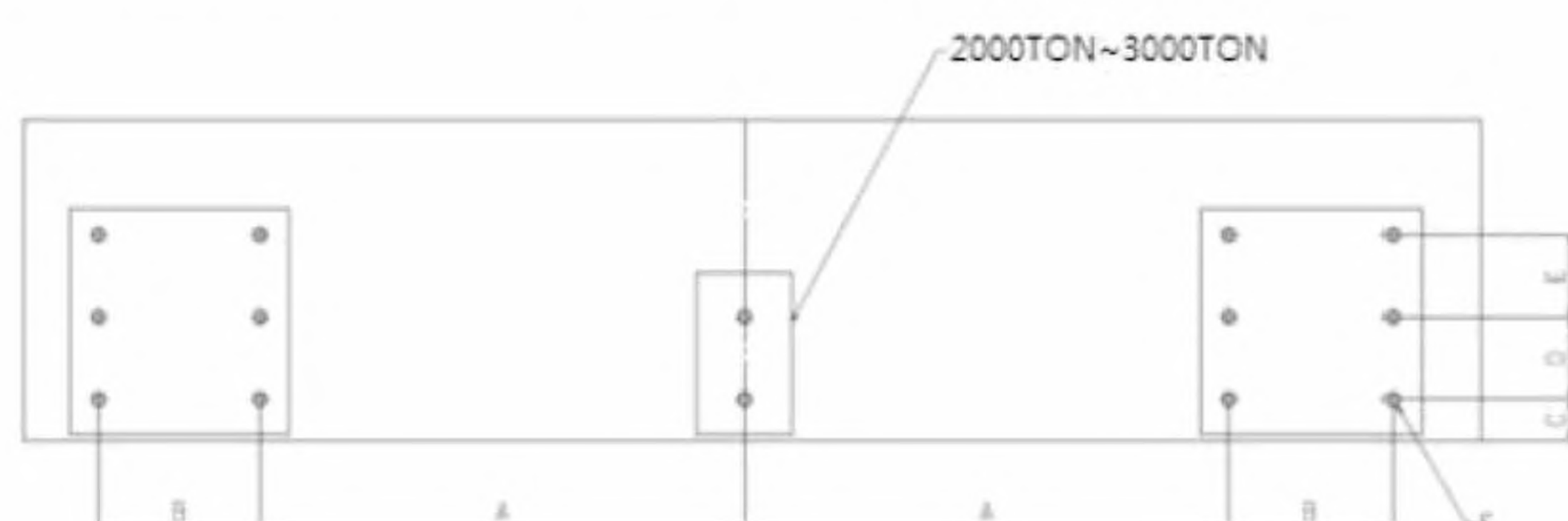
		DL3000A5						DL3300A5						
		IH33000		IH48000			IH33000		IH48000			IH66500		
Injection Unit														
Screw & Barrel type		A	B	O	A	B	A	B	O	A	B	O	A	B
Screw diameter	mm	160	180	180	190	200	160	180	180	190	200	200	215	230
Injection pressure	kg/cm²	1800	1400	1800	1600	1450	1800	1400	1800	1600	1450	1800	1550	1360
	Mpa	177	137	177	157	142	177	137	177	157	142	177	152	133
Theoretical injection volume	cm³	16085	20358	22902	25518	28274	16085	20358	22902	25518	28274	34558	39936	45702
Shot weight(PS)	g	14822	18759	21104	23515	26055	14822	18759	21104	23515	26055	31845	36801	42115
Injection rate	cm³/s	1719	2176	2127	2370	2626	1719	2176	2127	2370	2626	2117	2447	2800
Screw stroke	mm	800	800	900	900	900	800	800	900	900	900	1100	1100	1100
Injection speed	mm/s	85	85	84	84	84	85	85	84	84	84	67	67	67
Plasticizing capacity	kg/h	1000	1378	1325	1528	1533	1000	1378	1325	1528	1533	1415	1705	1693
Screw rotation speed	rpm	78	78	75	75	65	78	78	75	75	65	60	60	50
Clamping Unit														
Clamping force	ton	3000		3000			3300		3300			3300		
	kN	29420		29420			32362		32362			32362		
Mold opening force	ton	225		225			248		248			248		
	kN	2206		2206			2427		2427			2427		
Distance between tie-bar(HxV)	mm	2260 × 1810		2260 × 1810			2260 × 1810		2260 × 1810			2260 × 1810		
Platen dimension(HxV)	mm	3110 × 2660		3110 × 2660			3110 × 2660		3110 × 2660			3110 × 2660		
Daylight	mm	4000		4000			4000		4000			4000		
Min. mold height	mm	1100		1100			1100		1100			1100		
Max. mold height	mm	2000		2000			2000		2000			2000		
Ejector force	ton	67.8		67.8			67.8		67.8			67.8		
	kN	664.9		664.9			664.9		664.9			664.9		
Ejector stroke	mm	350		350			350		350			350		
Dry cycle time	sec	8.2		8.2			8.2		8.2			8.2		
Max. mold weight (Fixed / Moving / Total)	ton	56 / 56 / 85		56 / 56 / 85			56 / 56 / 85		56 / 56 / 85			56 / 56 / 85		
General														
Heater capacity	kW	149.1	167.1	188.3	196.5	206.8	149.1	167.1	188.3	196.5	206.8	217.1	231.9	249.8
Motor capacity	kW	188.0		235.0			188.0		235.0			235.0		
Total electric power capacity	kW	337.1	355.1	423.3	431.5	441.8	337.1	355.1	423.3	431.5	441.8	452.1	466.9	484.8
Hydraulic oil tank capacity	L	3000		3200			3000		3200			3200		
Machine weight (Clamping+Injection)	ton	180 (149+31)		194 (149+45)			180 (149+31)		194 (149+45)			204 (149+55)		
Machine dimension(LxWxH)	m	16.5 × 5 × 4		18 × 5 × 4			16.5 × 5 × 4		18 × 5 × 4			18 × 5 × 4		
Cooling water consumption	L/min	240		240			240		240			240		

Machine Dimension (ver.2)

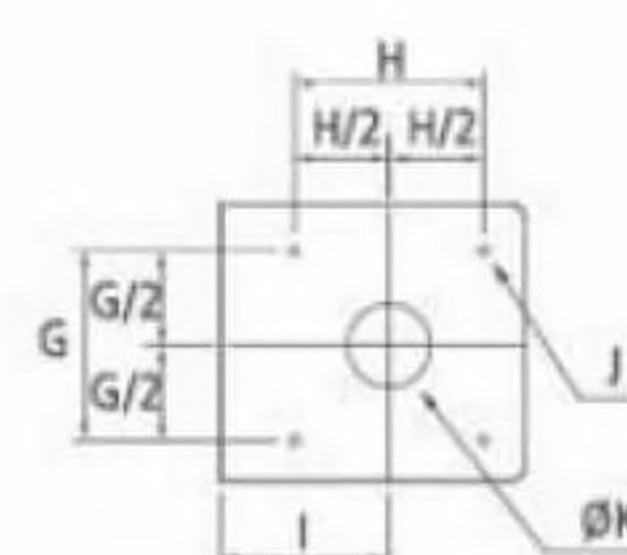


Unit: mm

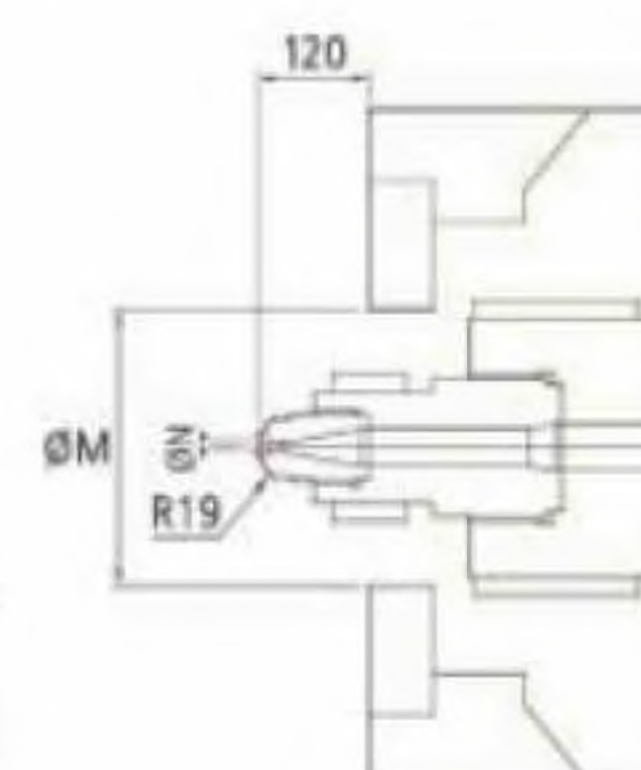
	A	B	C	D	E	F	G	H
DL500A5	7702	2713	1452	1261	3247	1970	1410	2198
DL600A5	7907	2939	1530	1409	3341	2017	1410	2256
DL700A5	8372	3052	1564	1488	3494	2130	1450	2404
DL900A5	9515	3319	1700	1619	4016	2245	1490	2515
DL1100A5	9709	3586	1820	1766	4347	2400	1600	2719
DL1300A5	11200	3815	1935	1875	5082	2590	1706	2912
DL1700A5	12445	4138	2116	2022	5530	3005	1950	3416
DL1800A5	12445	4138	2116	2022	5530	3005	1950	3416
DL2000A5	12877	4423	2284	2139	6083	3070	1950	3427
DL2300A5	12877	4423	2284	2139	6083	3070	1950	3427
DL2500A5	14680	4623	2394	2229	6767	3344	2116	3771
DL2700A5	14680	4623	2394	2229	6767	3344	2116	3771
DL3000A5	16437	4973	2599	2374	6917	3619	2335	4045
DL3300A5	16437	4973	2599	2374	6917	3619	2335	4045
DL4000A5	20580	5323	2824	2499	7137	3768	2568	4360
DL4300A5	20580	5323	2824	2499	7137	3768	2568	4360



▲ Automatic extractor installation



▲ Hopper installation



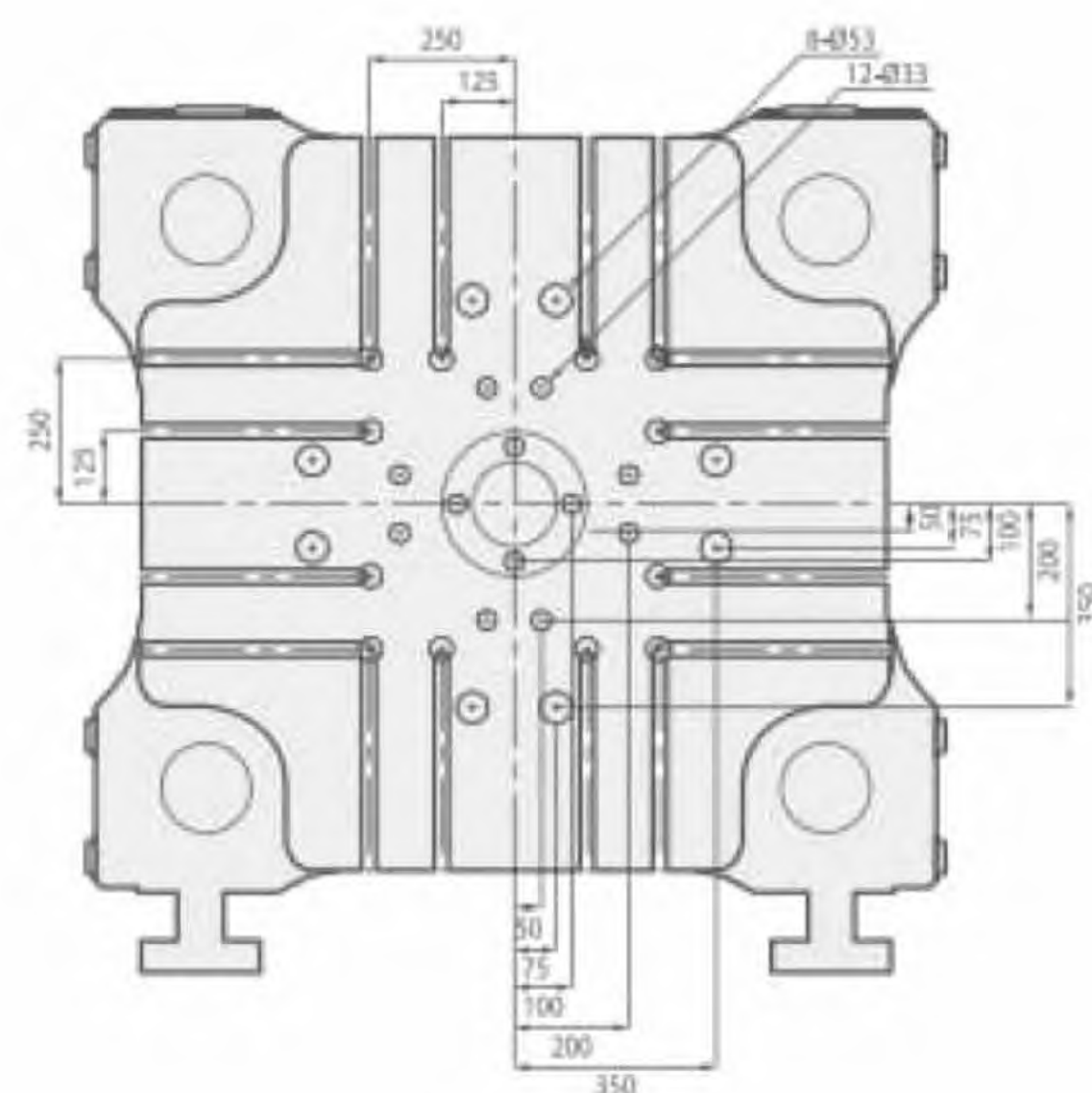
▲ Nozzle dimension

Unit: mm

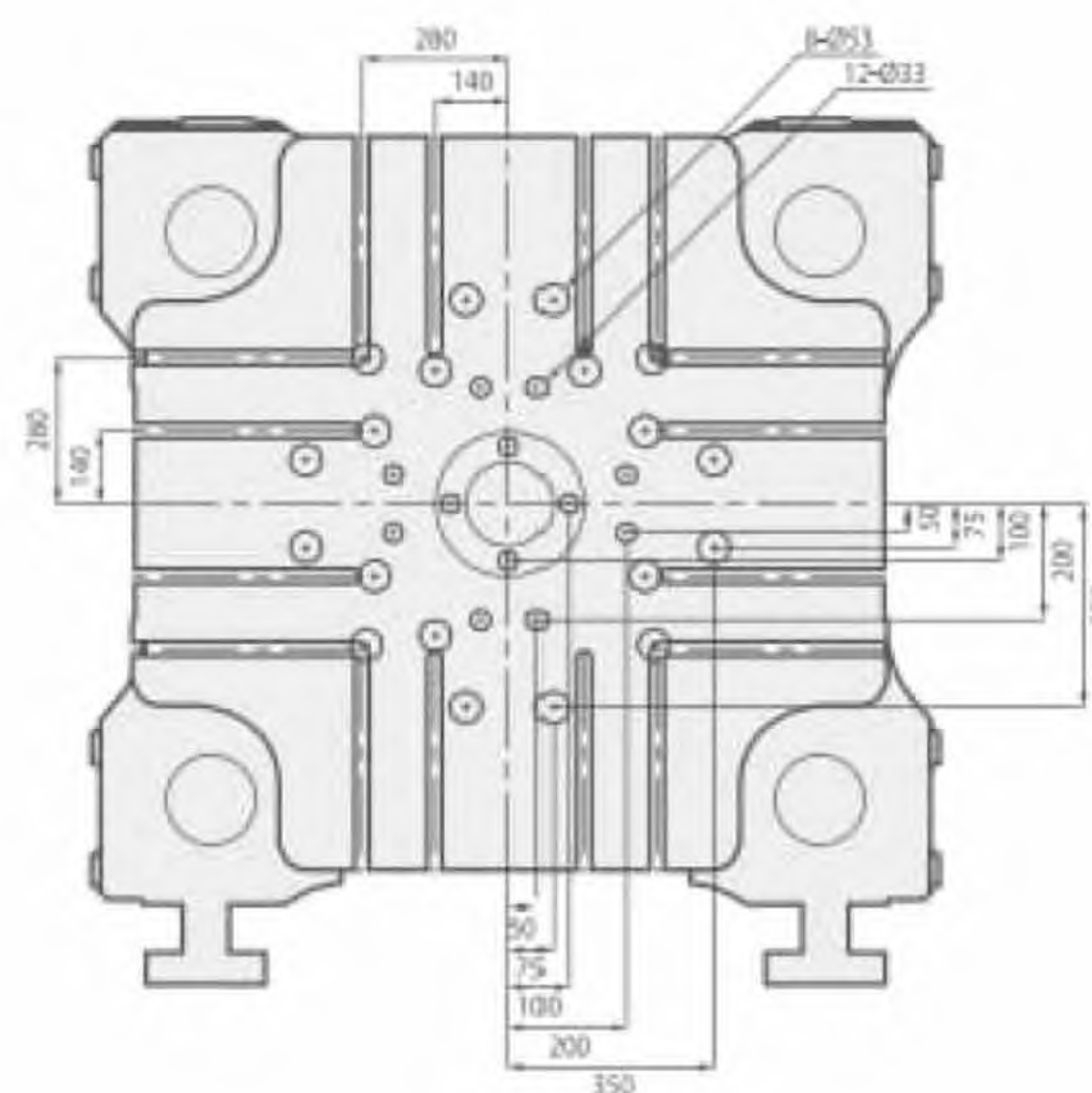
	Automatic extractor installation						Hopper installation					Nozzle dimension	
	A	B	C	D	E	F	G	H	I	J	K	M	M
DL500A5	210	-	85	195	-	6-M20	165	165	120	4-M12	68	100	4
DL600A5	195	-	85	245	-	6-M20	165	165	130	4-M12	78	100	5
DL700A5	235	-	80	300	-	6-M24	165	165	140	4-M12	88	100	5
DL900A5	235	-	85	330	-	6-M24	165	165	170	4-M12	103	100	6
DL1100A5	335	-	85	375	-	6-M30	165	165	170	4-M12	103	100	6
DL1300A5	335	-	120	345	-	6-M30	280	200	190	4-M16	113	120	6
DL1700A5	495	-	115	485	-	6-M30	280	200	112	4-M16	123	120	7
DL1800A5	495	-	115	485	-	6-M30	280	200	112	4-M16	123	120	7
DL2000A5	500	-	140	575	-	6-M24	280	200	112	4-M16	123	120	7
DL2300A5	500	-	140	575	-	6-M24	280	200	112	4-M16	123	120	7
DL2500A5	625	-	155	600	-	6-M36	280	200	132	4-M16	138	120	7
DL2700A5	625	-	155	600	-	6-M36	280	200	132	4-M16	138	120	7
DL3000A5	625	-	150	630	-	6-M36	280	200	218	4-M16	172	120	8
DL3300A5	625	-	150	630	-	6-M36	280	200	218	4-M16	172	120	8
DL4000A5	625	-	150	630	-	6-M36	280	200	218	4-M16	172	120	8
DL4300A5	625	-	150	630	-	6-M36	280	200	218	4-M16	172	120	8

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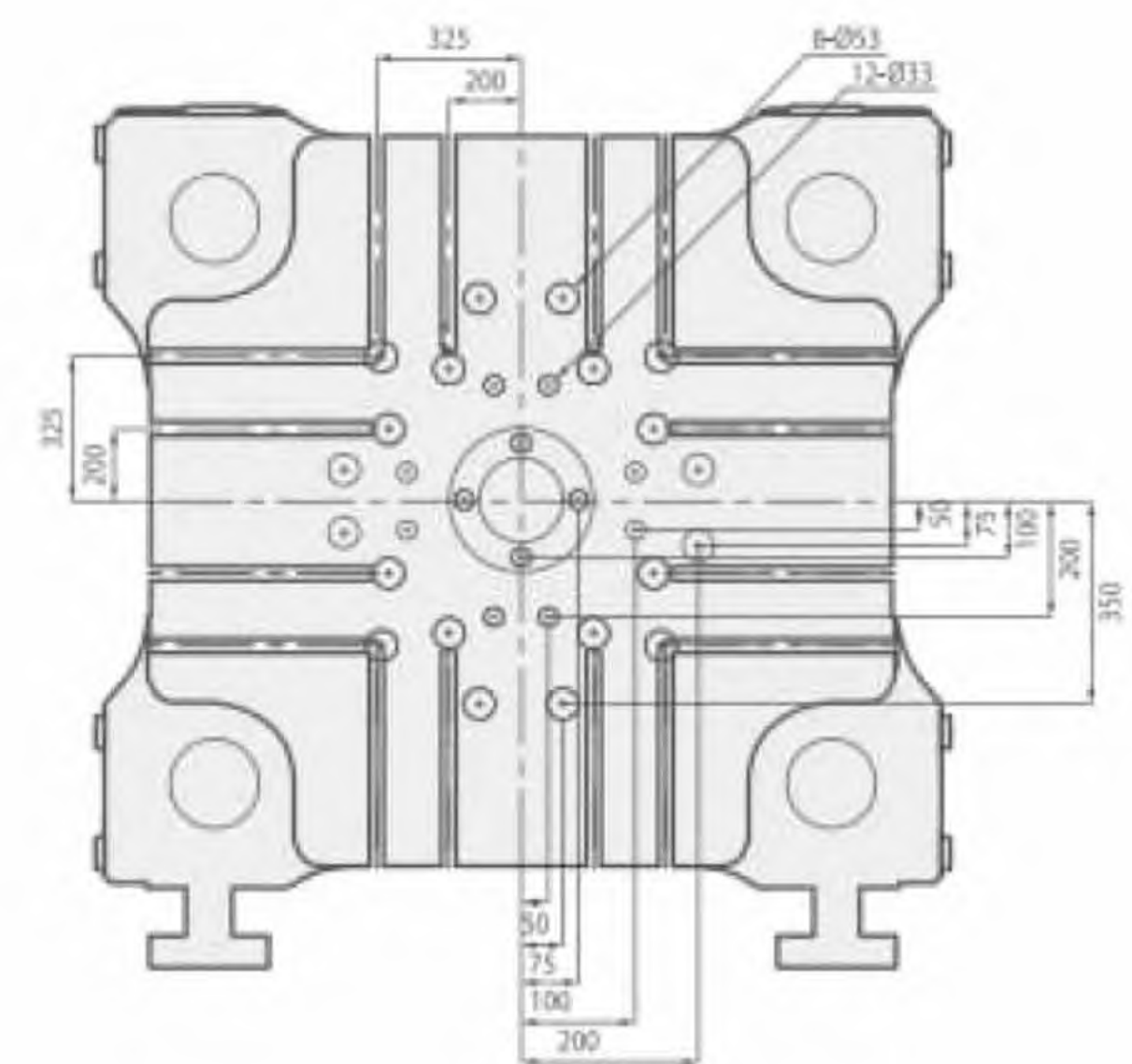
Platen Dimension (ver.2)



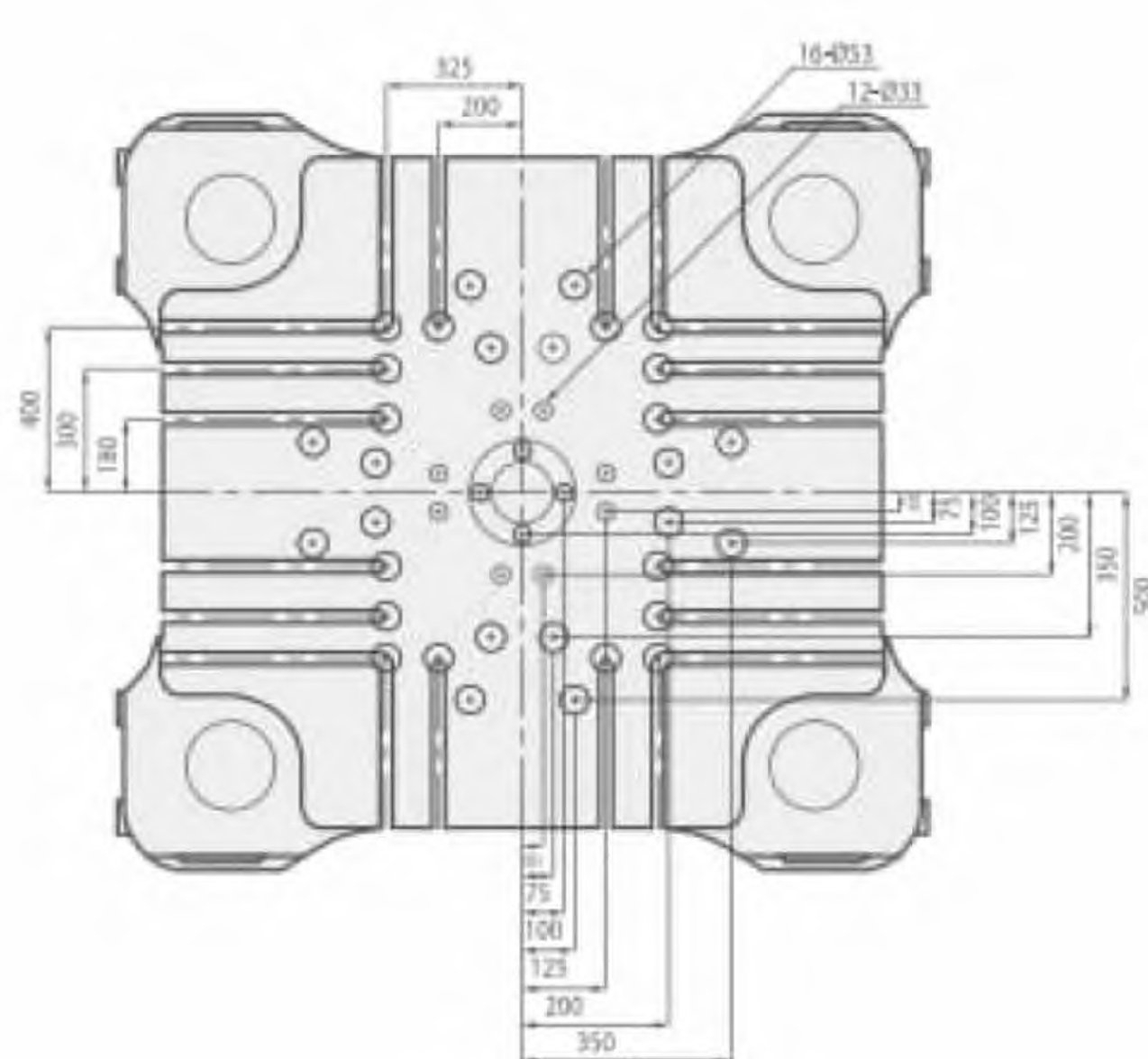
500 ton



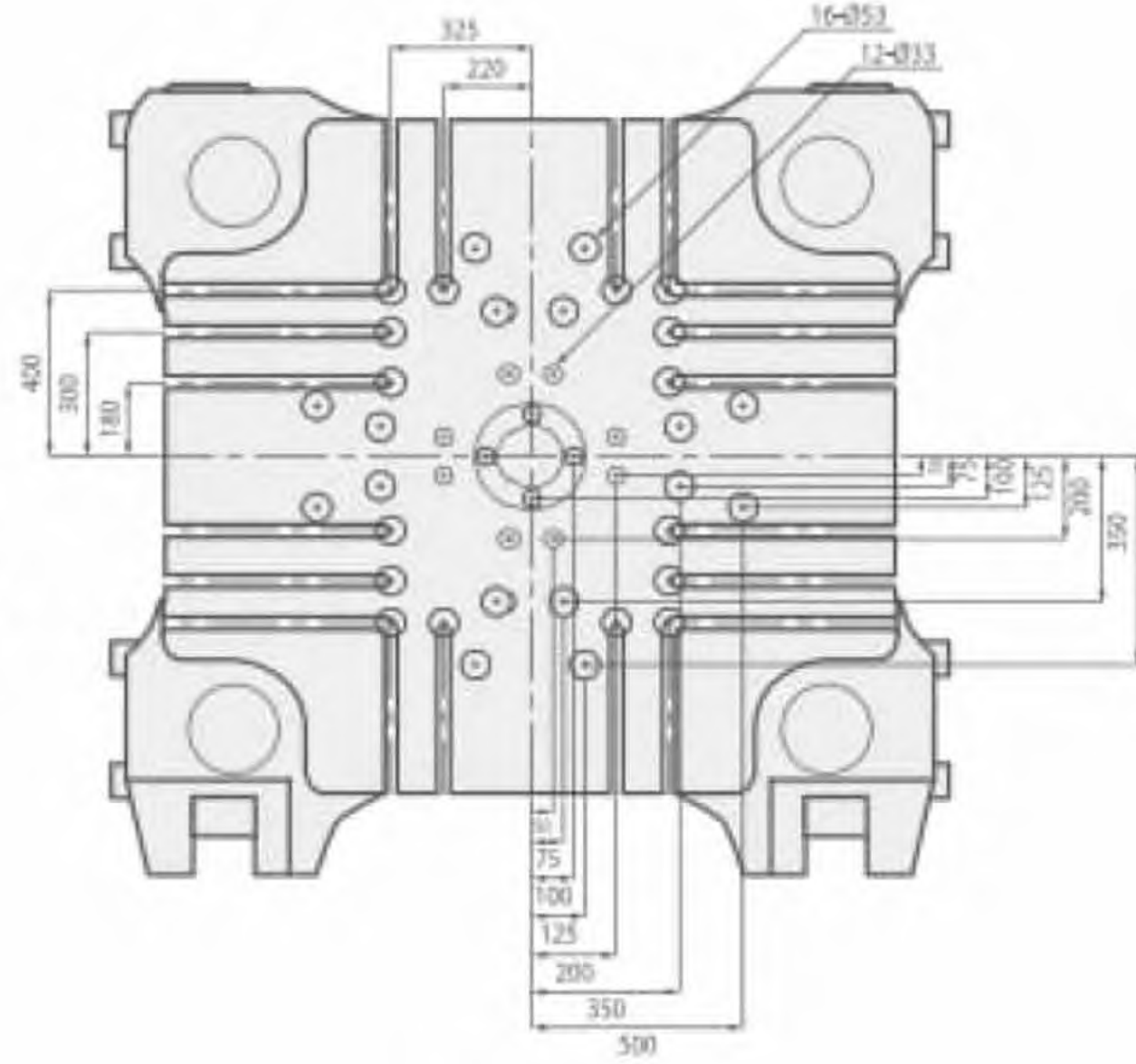
600 ton



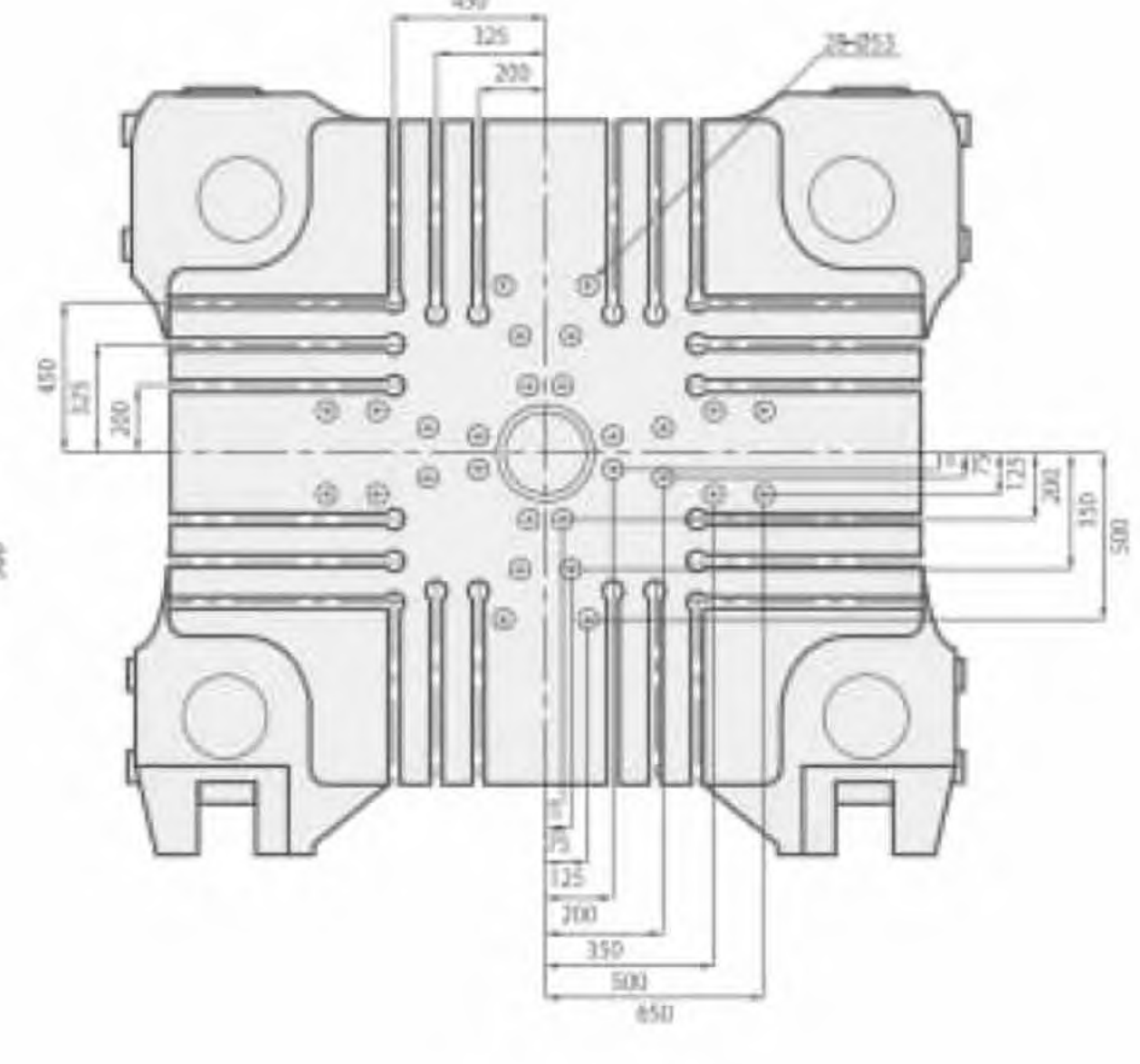
700 ton



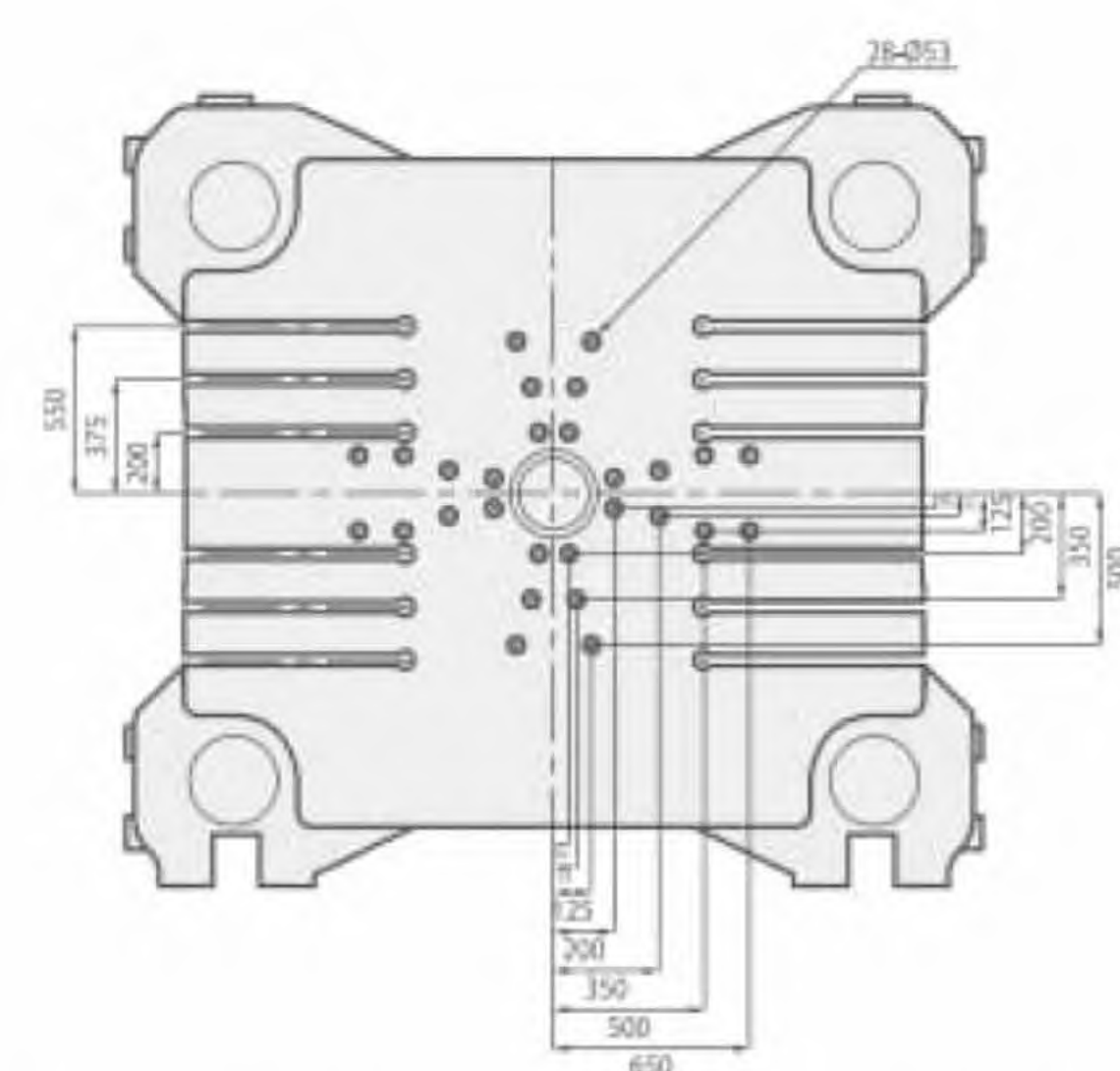
900 ton



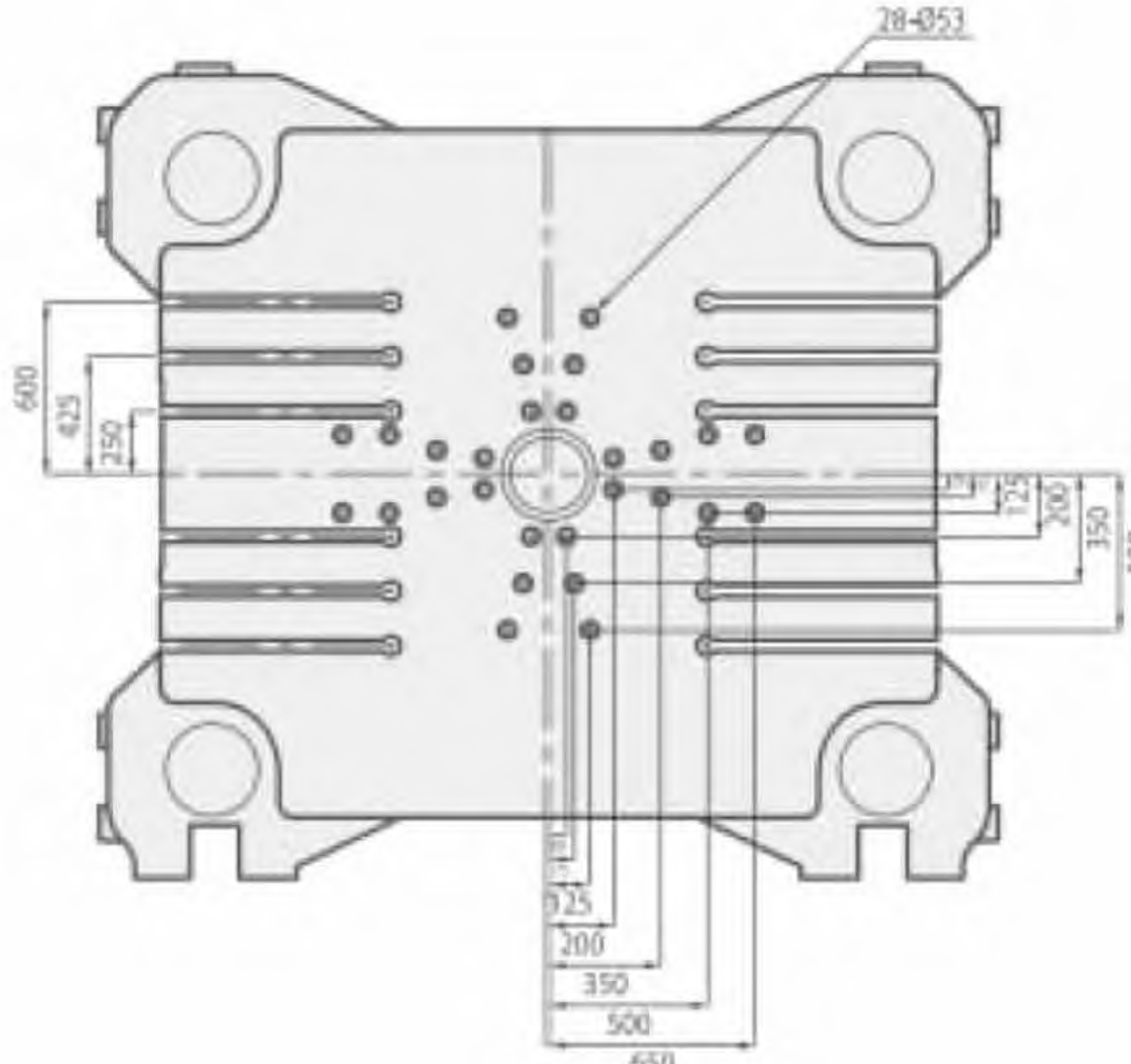
1100 ton



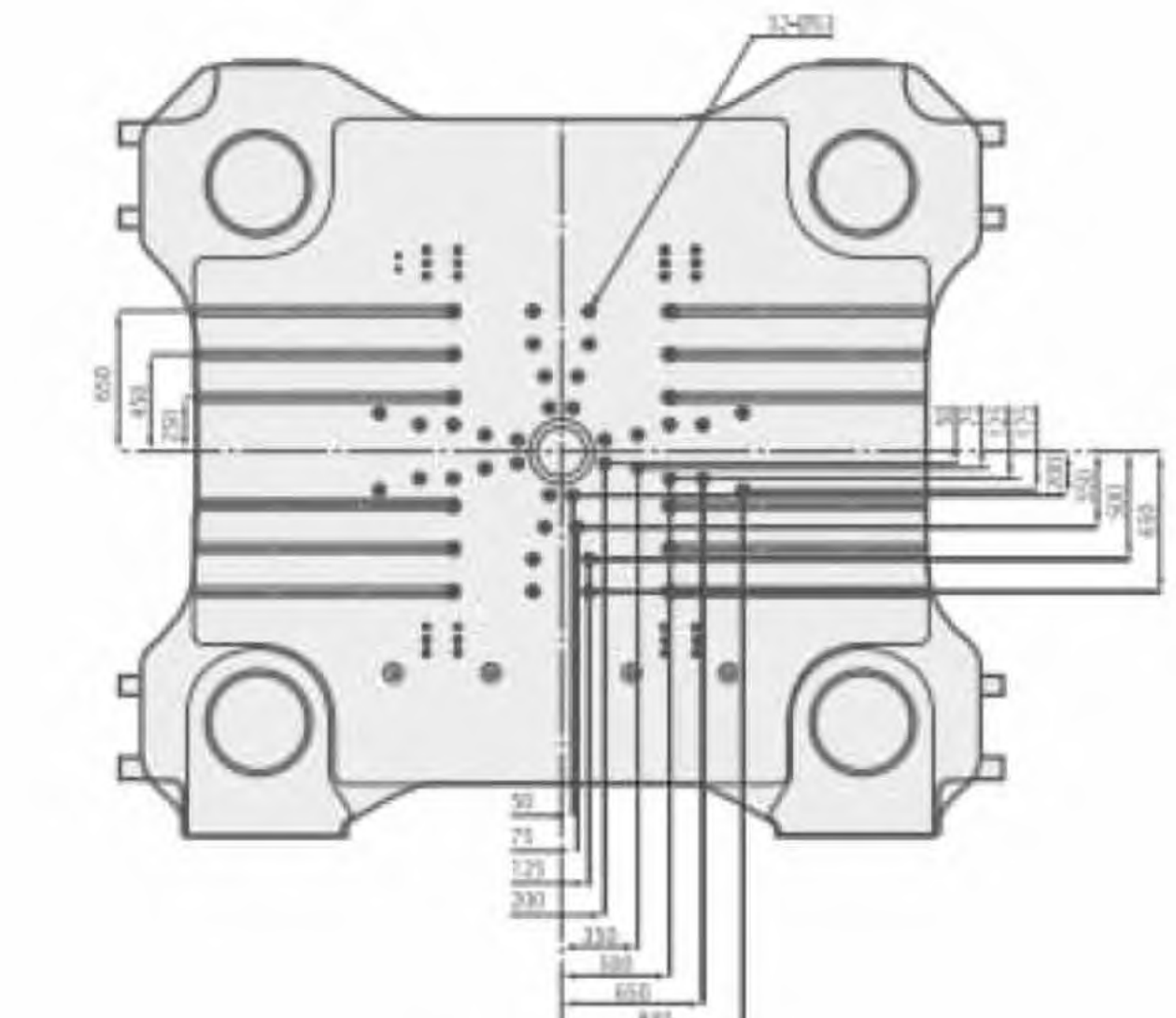
1300 ton



1700/1800/2000/2300/2500/2700 ton



3000/3300 ton



4000/4300 ton

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