

MK6.6

Euroseries

Datasheet



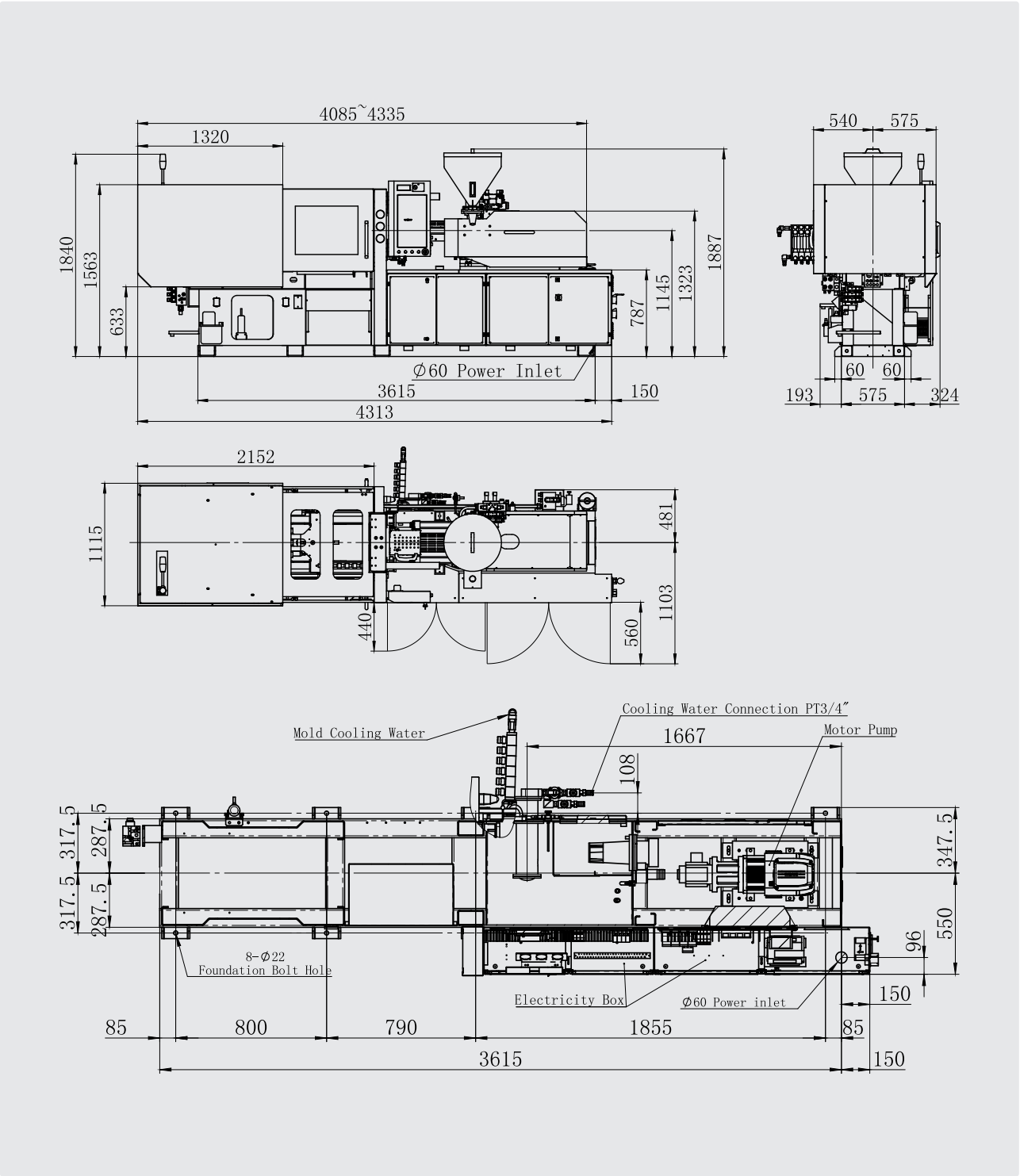
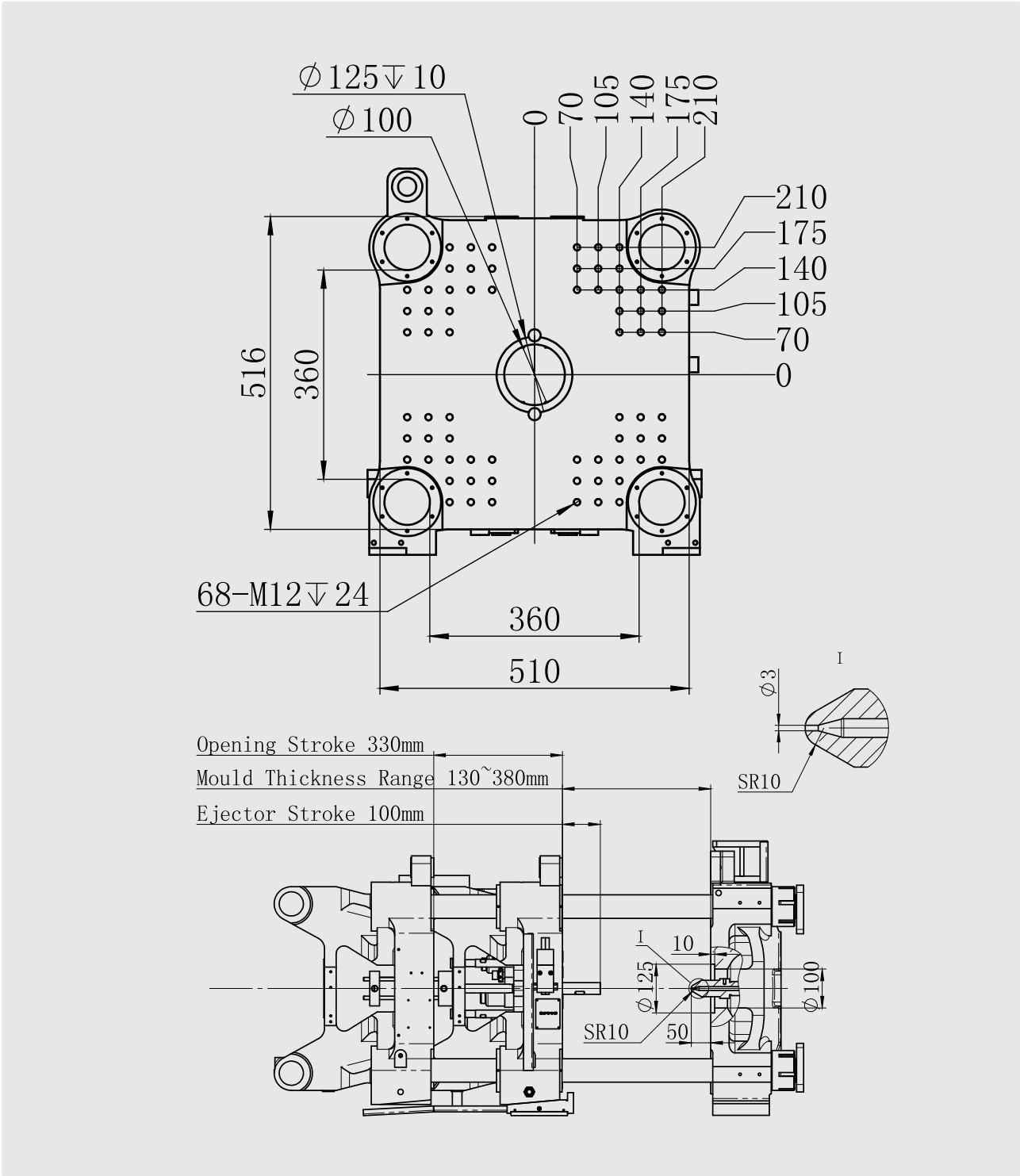
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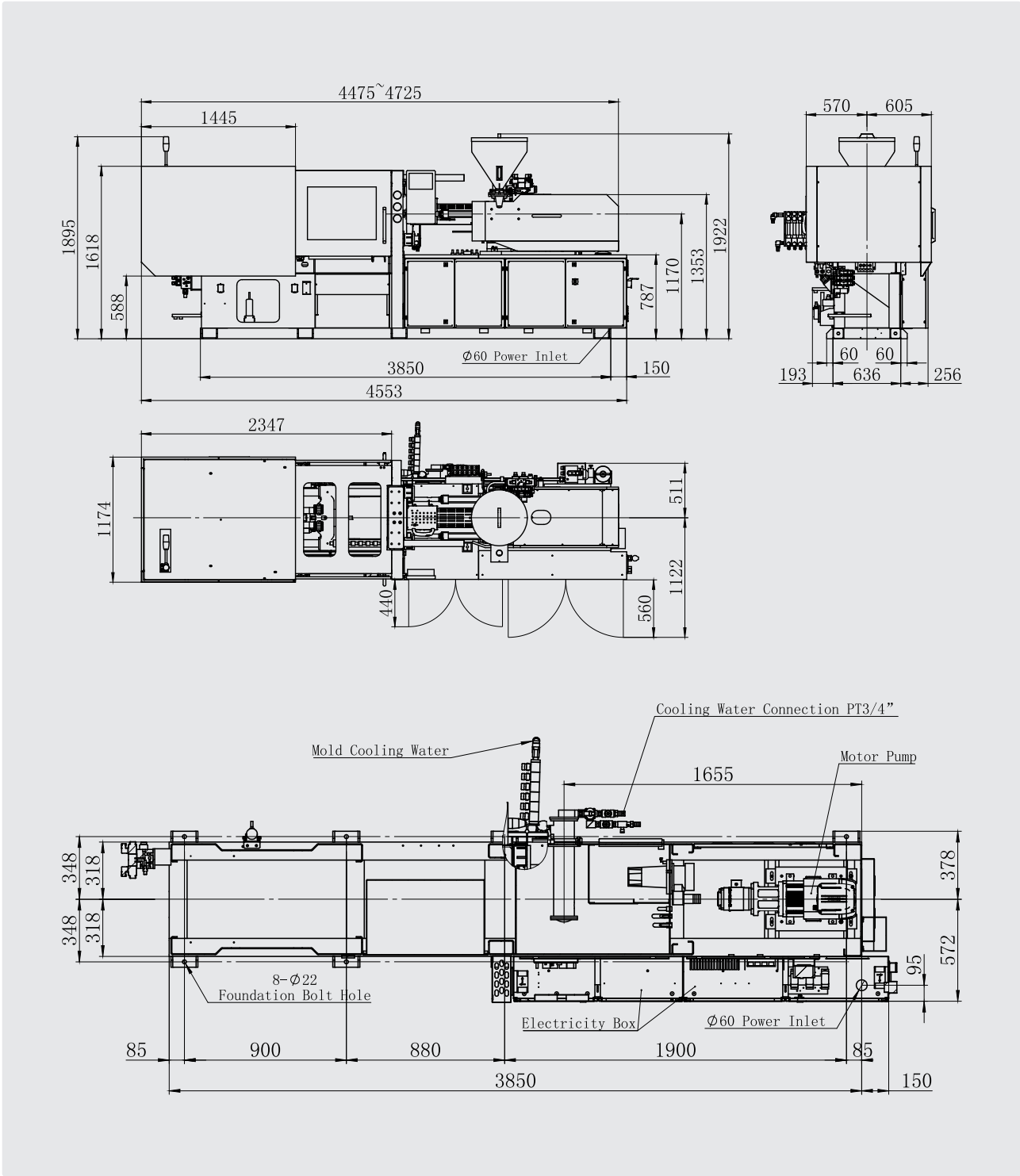
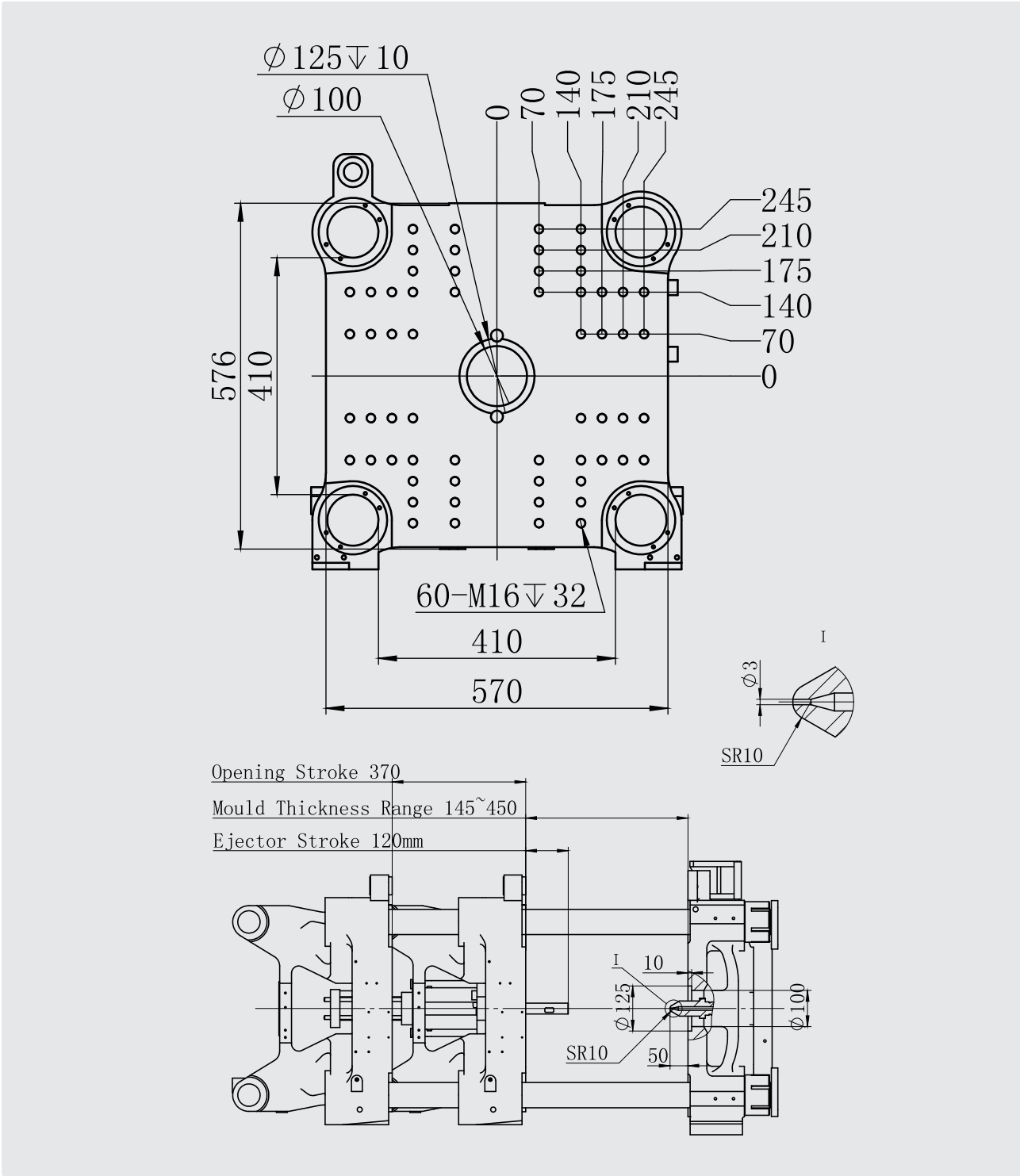
SPECIFICATIONS	UNIT	JM88-MK6.6			JM128-MK6.6			JM168-MK6.6			JM208-MK6.6			JM268-MK6.6			JM328-MK6.6			JM408-MK6.6			JM488-MK6.6			JM568-MK6.6			JM658-MK6.6		
INJECTION UNIT																															
Screw Diameter	mm	31	36	41	36	41	46	41	46	52	46	52	60	52	60	67	60	67	75	67	75	83	75	83	90	75	83	90	83	90	98
Screw L/D	/	24.4	21	18.4	23.9	21	18.7	23.6	21	18.6	23.7	21	18.2	24.2	21	18.8	23.5	21	18.8	23.5	21	19	23.2	21	19.4	23.2	21	19.4	23.9	22	20.2
Injection Capacity (Theoretical)	cm³	135	183	237	208	270	340	303	382	488	431	551	734	636	847	1057	946	1180	1479	1321	1655	2027	1832	2244	2638	1832	2244	2638	2433	2861	3392
Injection Shot Weight (Max.)	g	123	166	216	189	246	309	276	347	444	393	502	668	579	771	962	861	1074	1346	1202	1506	1845	1667	2042	2401	1667	2042	2401	2214	2603	3087
	oZ	4.4	5.9	7.6	6.7	8.7	10.9	9.7	12.3	15.7	13.9	17.7	23.6	20.4	27.2	33.9	30.4	37.9	47.5	42.4	53.2	65.1	58.8	72	84.7	58.8	72	84.7	78.1	91.8	108.9
Injection Pressure (Max.)	MPa	236	175	135	230	177	141	223	177	138	229	179	134	236	177	142	226	181	144	223	178	145	216	176	150	216	176	150	211	179	151
Injection Rate (Max.)	cm³/s	76	103	133	98	128	161	127	160	204	155	199	265	192	255	318	251	313	392	318	399	488	419	514	604	419	514	604	483	568	674
Injection Speed (Max.)	mm/s	101			97			96			93			90			88			90			95			95			89		
Injection Stroke (Max.)	mm	180			205			230			260			300			335			375			415			415			450		
Screw RPM (Max.)	rpm	207			225			220			180			183			190			178			190			190			175		
Nozzle Contact Force (Max.)	kN	45			45			45			45			90			90			90			90			90			90		
Nozzle Stroke (Max.)	mm	250			250			250			280			330			360			420			420			420			460		
CLAMPING UNIT																															
Clamping Force (Max.)	kN	880			1280			1680			2080			2680			3280			4080			4880			5680			6580		
Clamp Opening Stroke (Max.)	mm	330			370			420			490			530			600			670			770			835			920		
Platen Dimensions (HxV)	mm	510x510			570x570			660x660			740x740			810x845			930x950			1000x1050			1120x1150			1190x1210			1260x1300		
Distance Between Tie Bars (HxV)	mm	360x360			410x410			460x460			530x530			580x580			660x660			730x730			810x810			855x855			910x900		
Mold Thickness (Min.-Max.)	mm	130-380			145-450			160-520			180-550			195-610			220-660			250-730			275-810			330-850			350-900		
Max. Daylight	mm	710			820			940			1040			1140			1260			1400			1580			1685			1820		
Ejector Force (Max.)	kN	28			42			42			67			77			77			111			111			166			182		
Ejector Stroke (Max.)	mm	100			120			140			150			170			170			220			220			250			265		
No. of Ejectors	PCS	1			1			1			1			9			9			9			9			9			17		
Locating Ring Diameter	mm	125			125			125			160			160			160			160			200			200			200		
OTHERS																															
System Pressure	MPa	17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5			17.5		
Motor Power (Rated)	kW	17			21			21			29			35			51			58			70			70			86		
Barrel Heating Power (Max.)	kW	7.8			11.1			13.9			16.1			21.4			27.7			34.3			39.5			39.5			48.4		
Temperature Control Zones	Zone	3+1			3+1			3+1			3+1			4+1			4+1			5+1			5+1			5+1			6+1		
Machine Dimensions (LxWxH)	m	4.6x1.2x1.9			4.8x1.3x2.0			5.4x1.4x2.0			5.9x1.5x2.1			6.7x1.6x2.3			7.5x1.7x2.3			8.1x1.8x2.3			8.8x1.9x2.3			8.9x1.9x2.3			9.7x2.2x2.4		
Oil Tank Capacity	L	160			190			240			280			400			520			690			730			730			870		
Machine Weight	kg	2.9			3.4			4.4			5.8			7.9			10.2			13.2			16.9			18.4			24		

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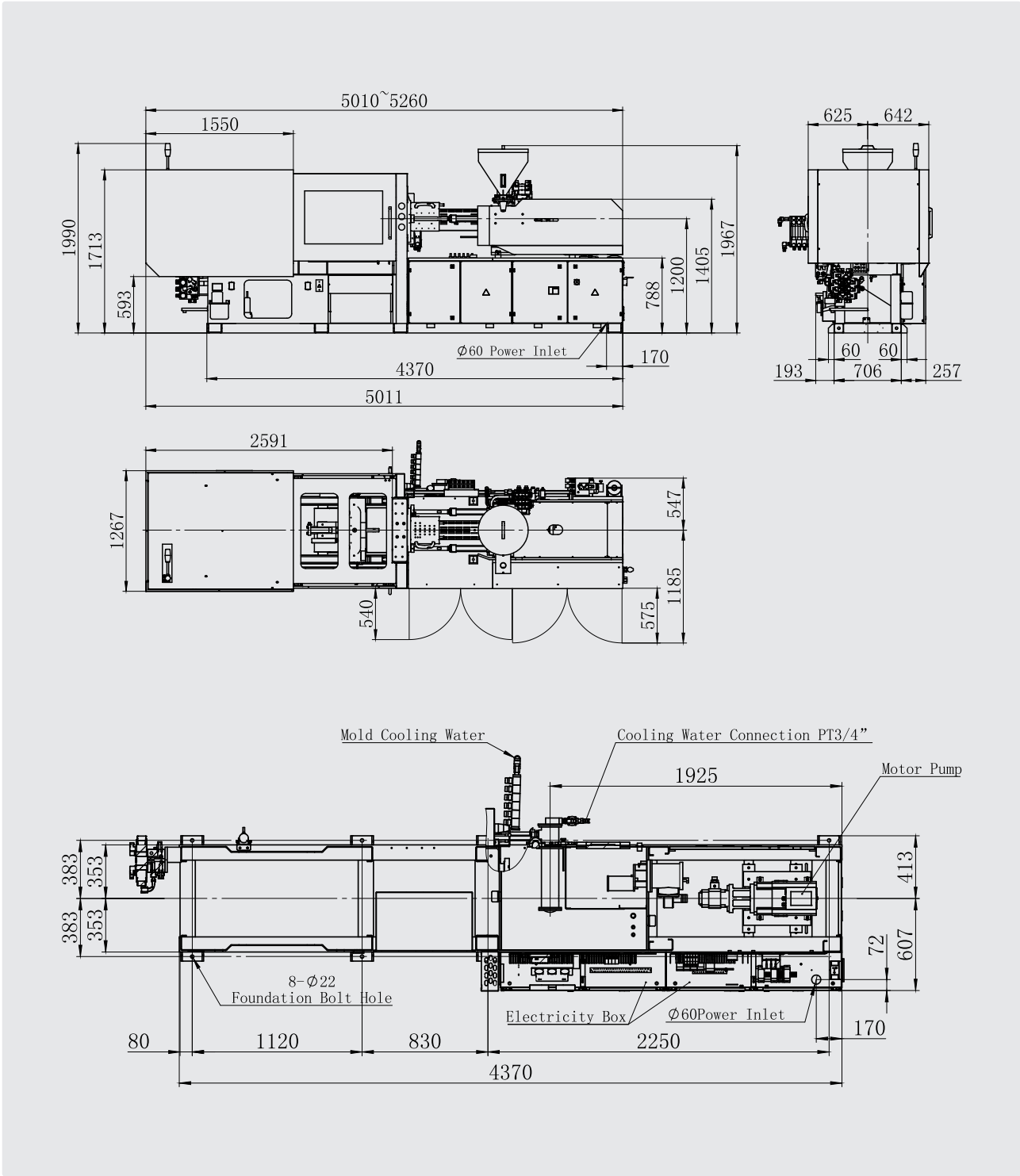
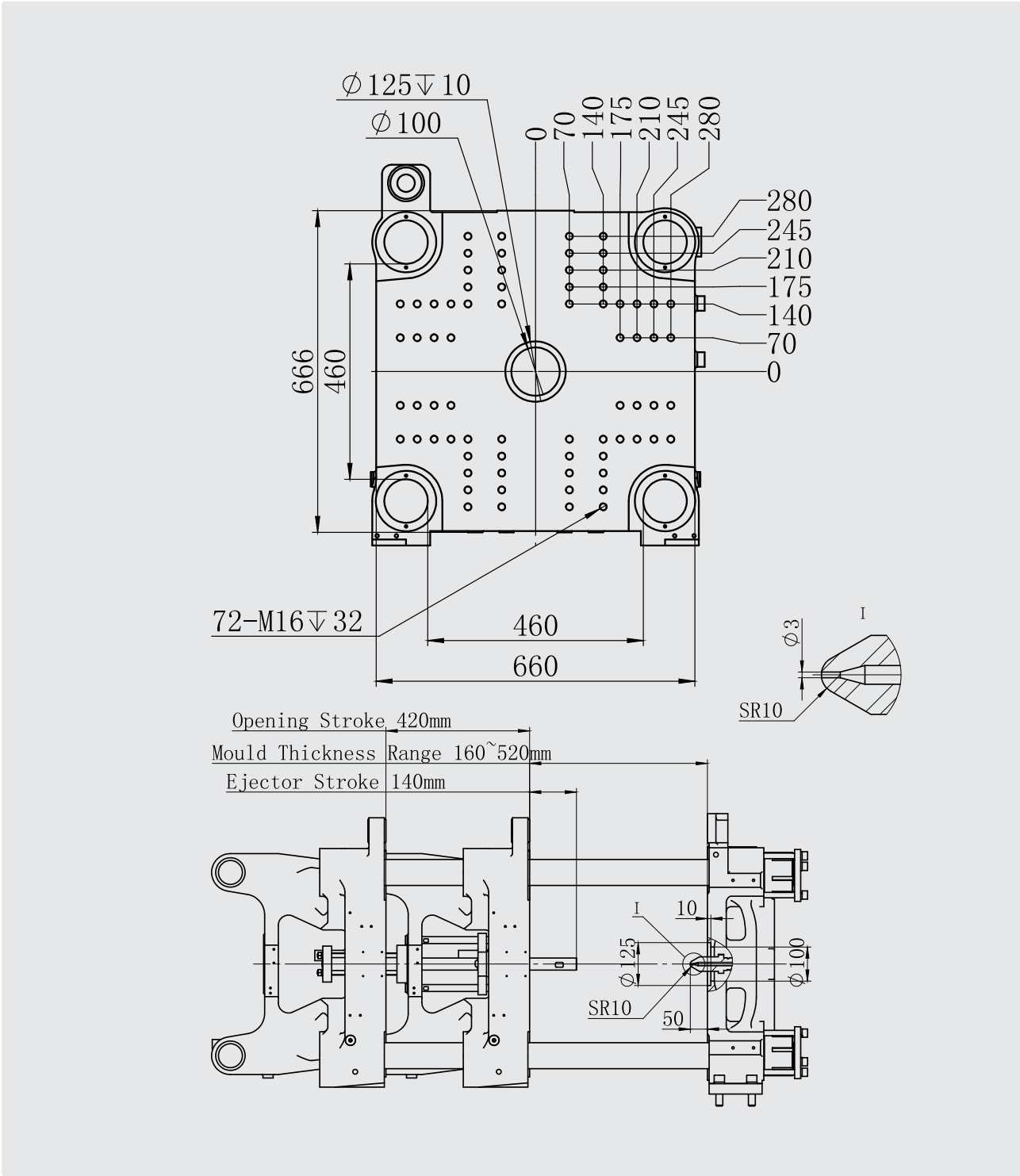
JM88-MK6.6 Euroseries



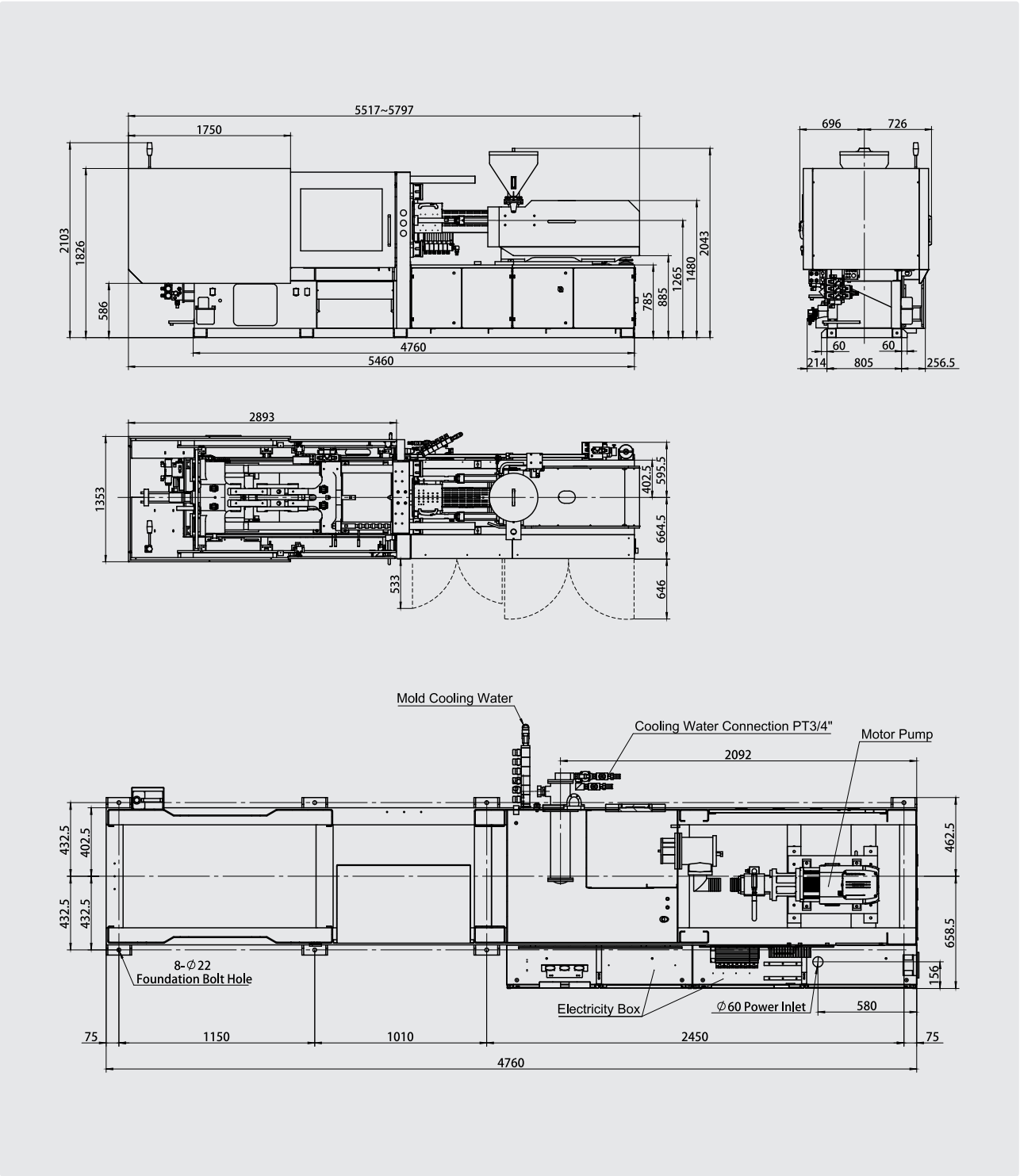
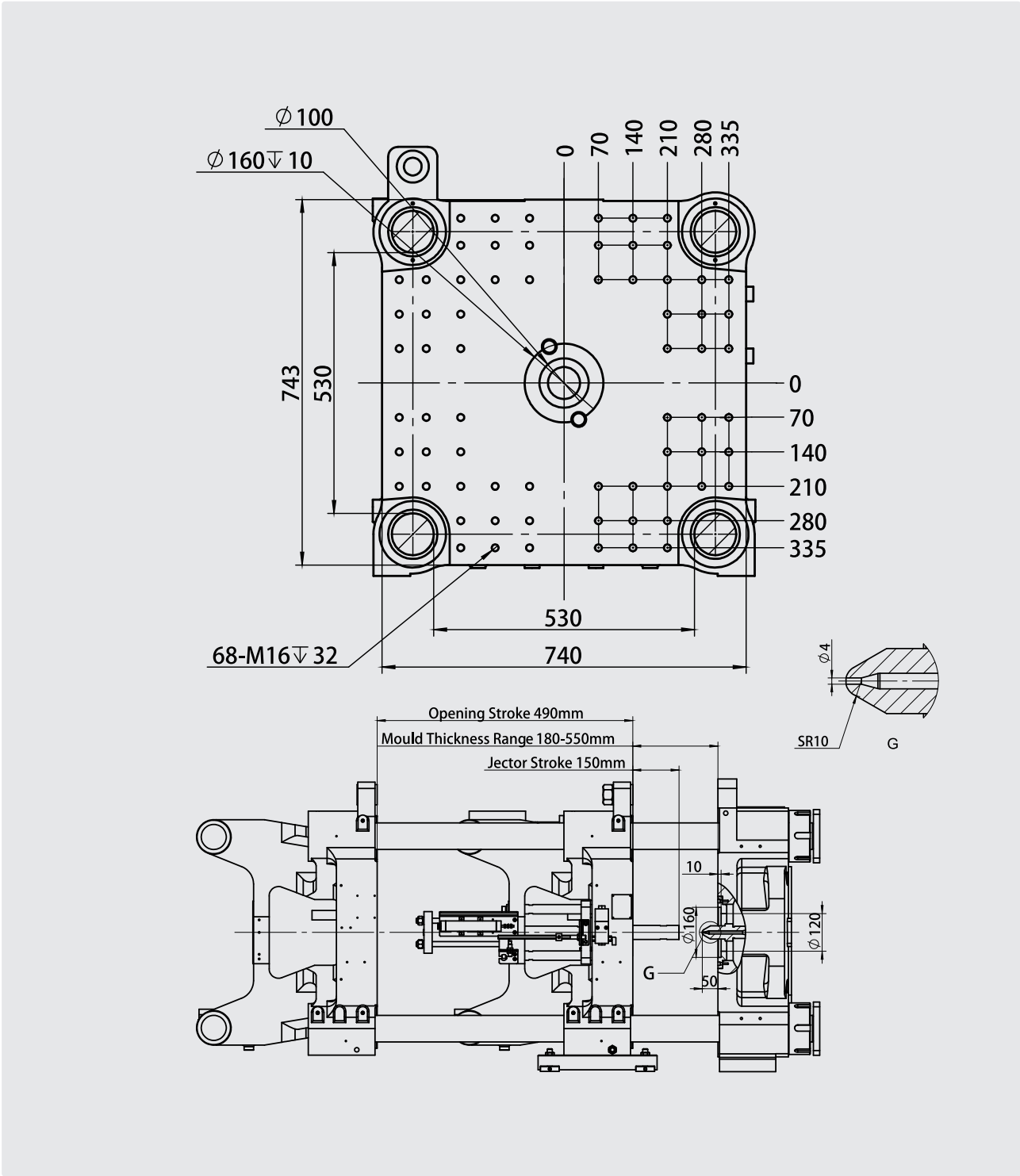
JM128-MK6.6 Euroseries



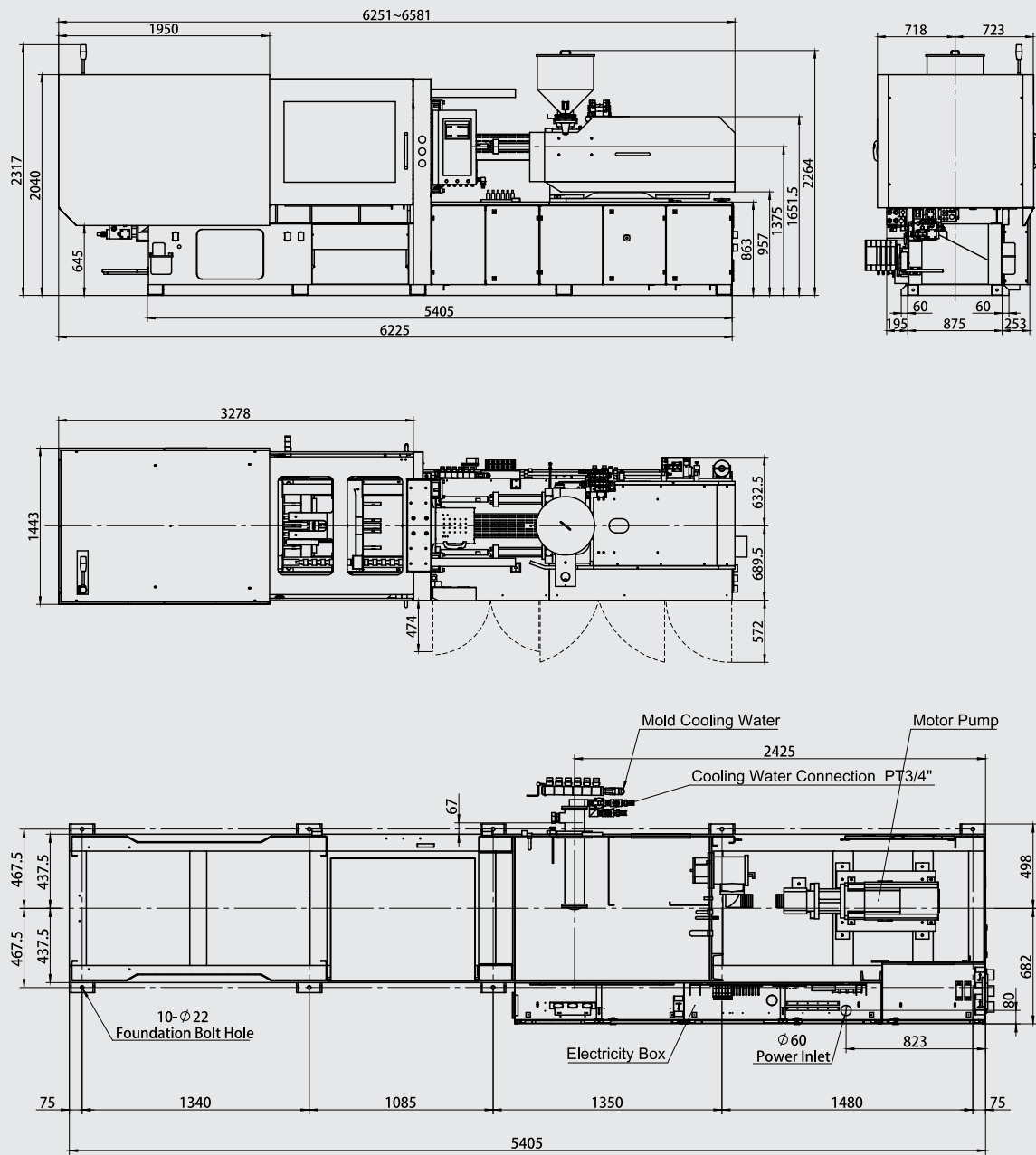
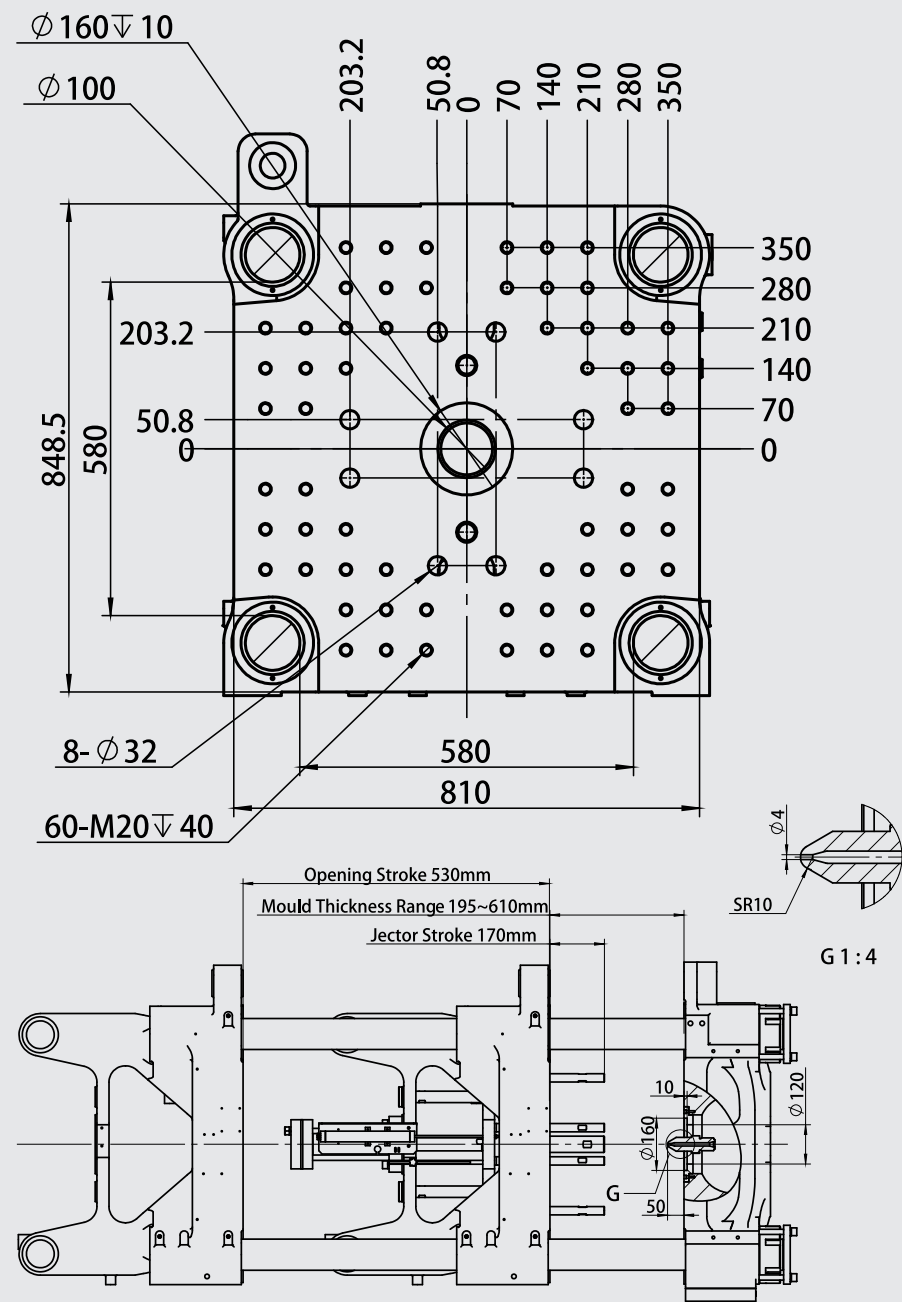
JM168-MK6.6 Euroseries



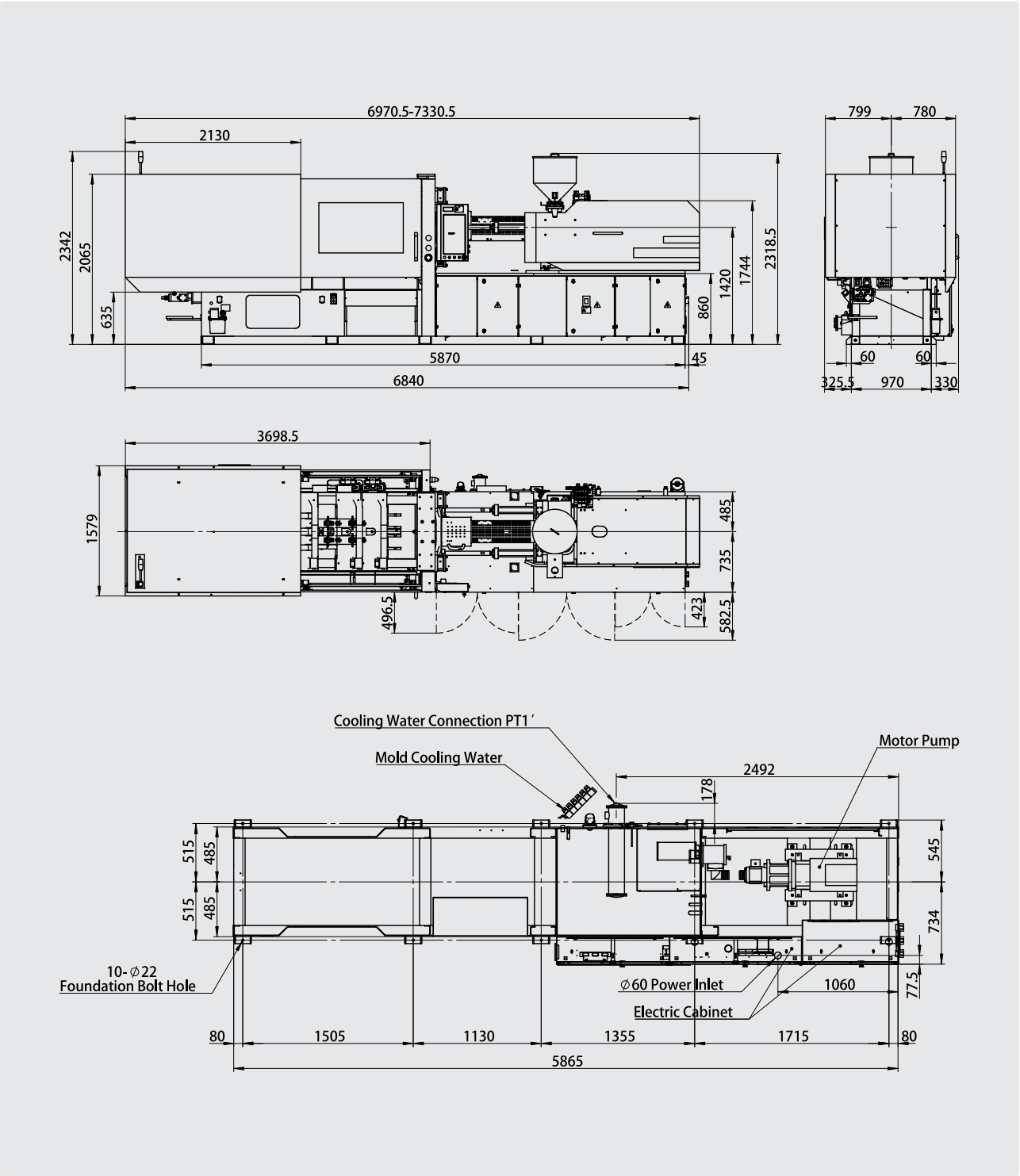
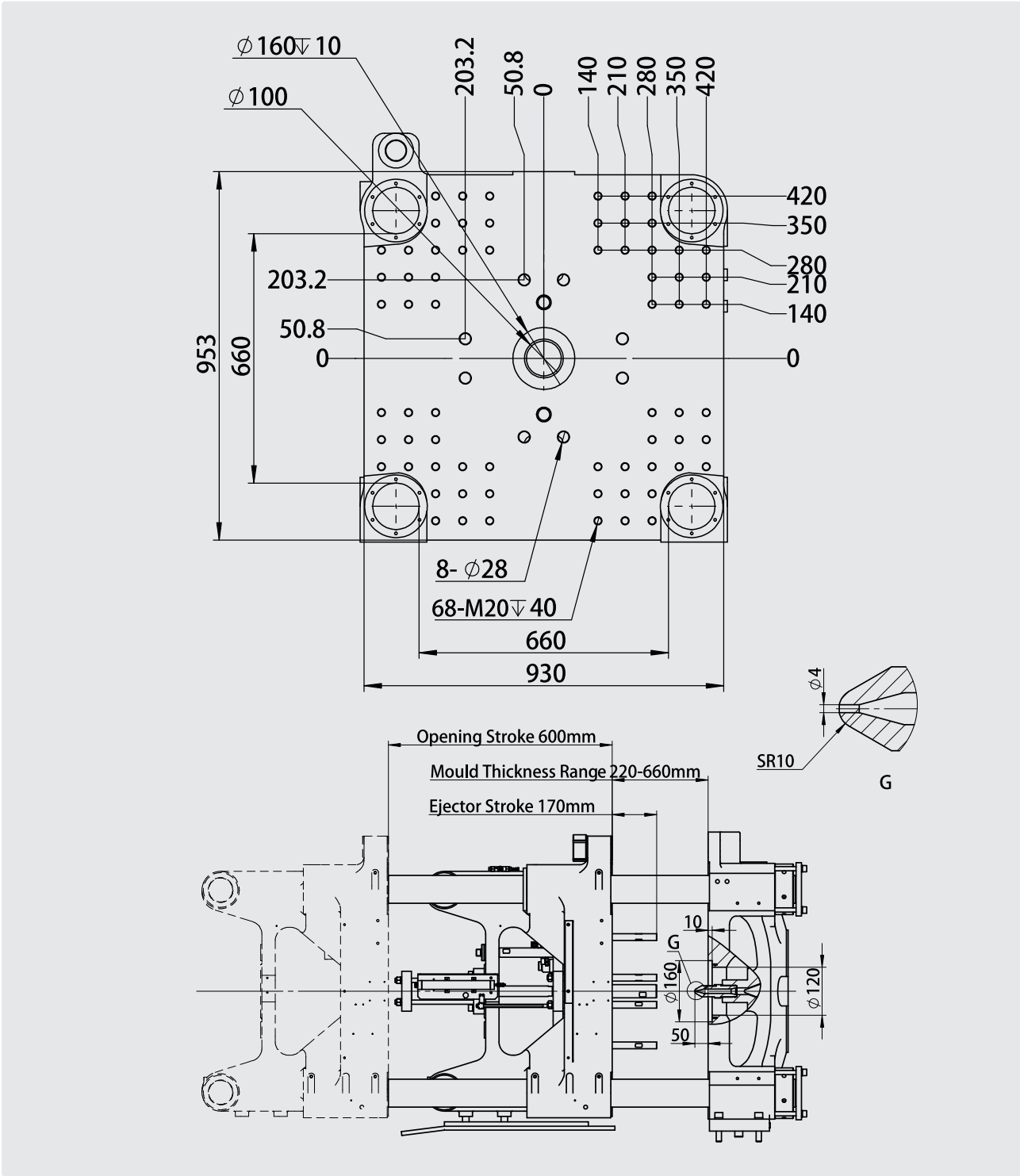
JM208-MK6.6 Euroseries



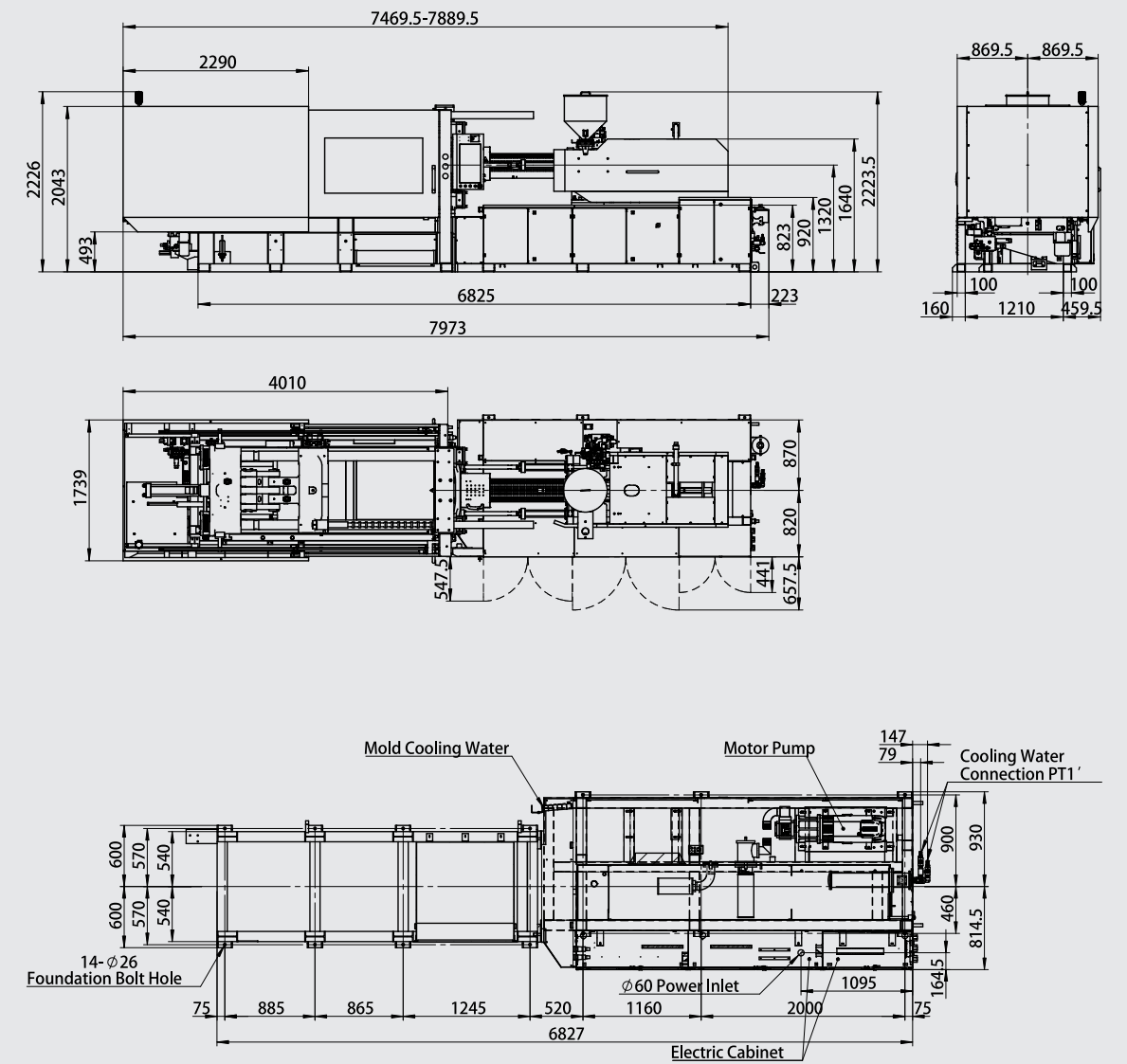
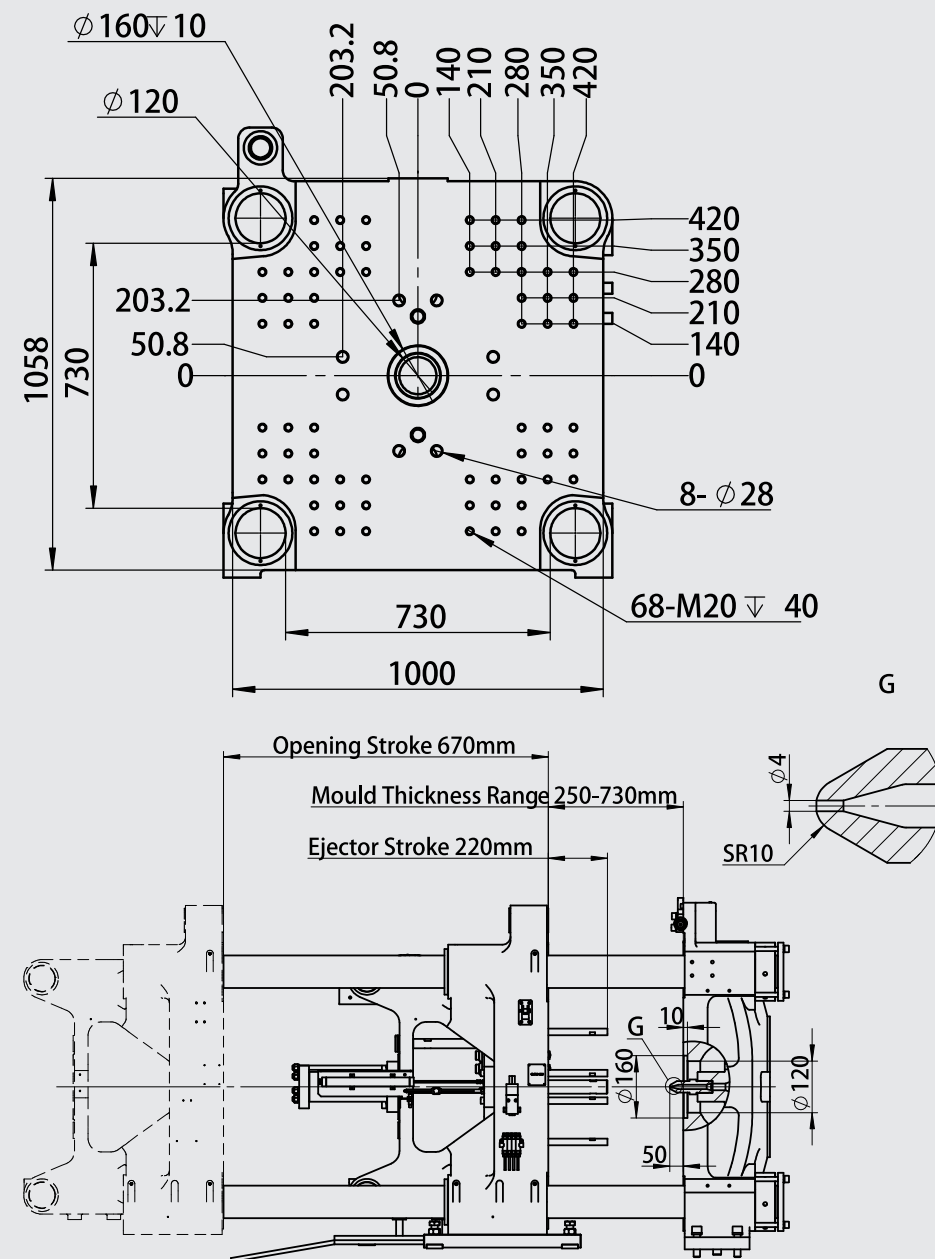
JM268-MK6.6 Euroseries



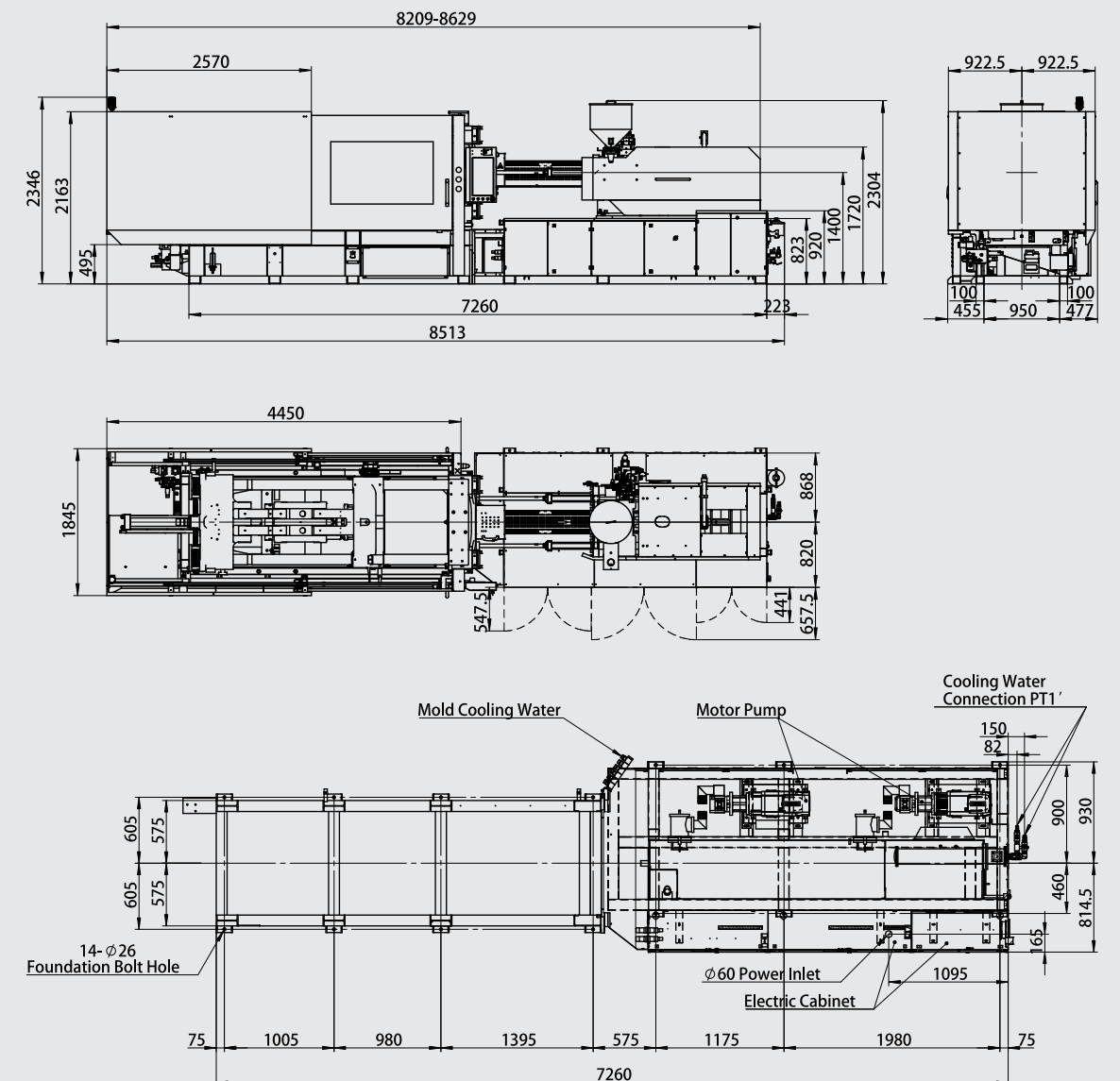
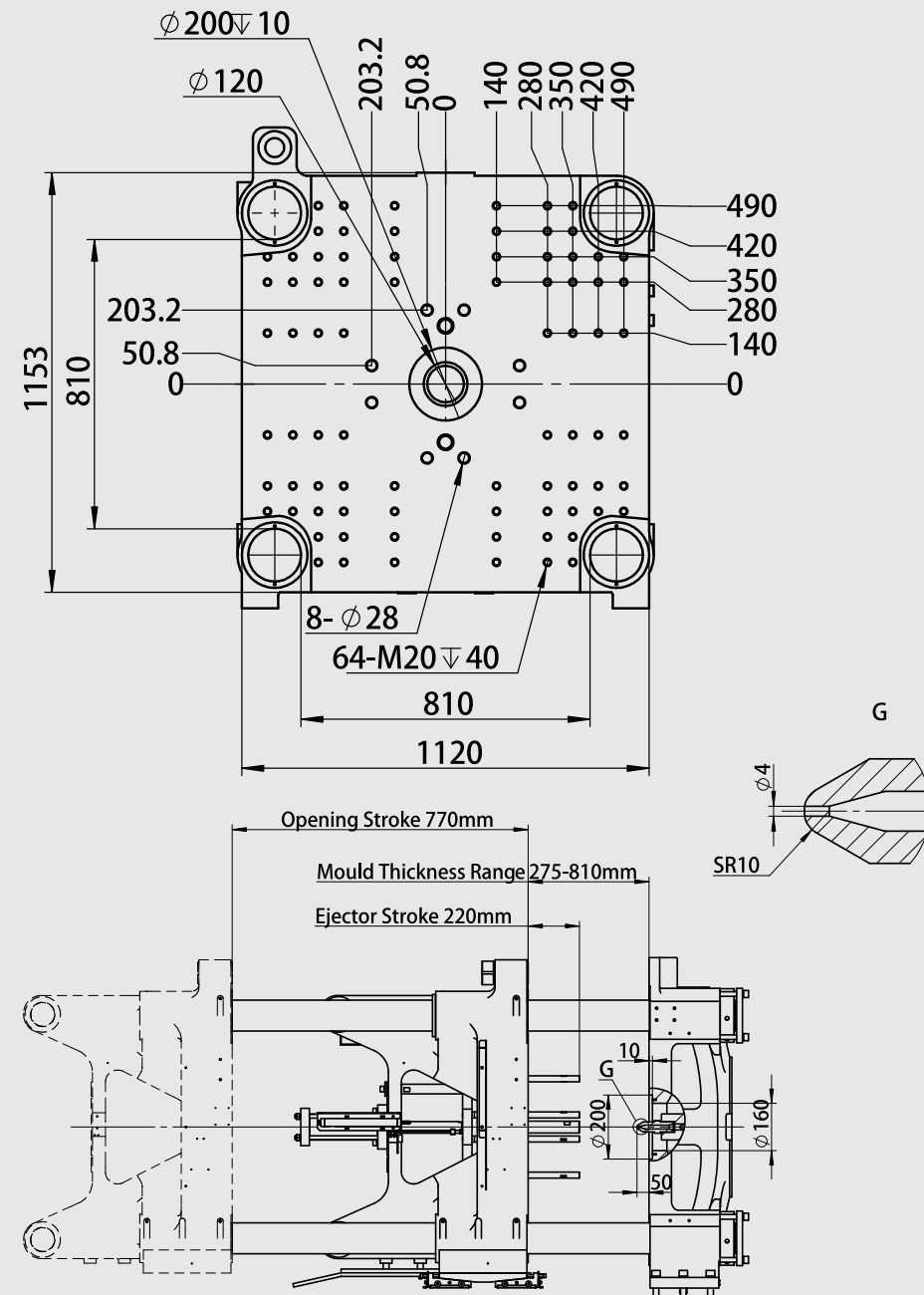
JM328-MK6.6 Euroseries



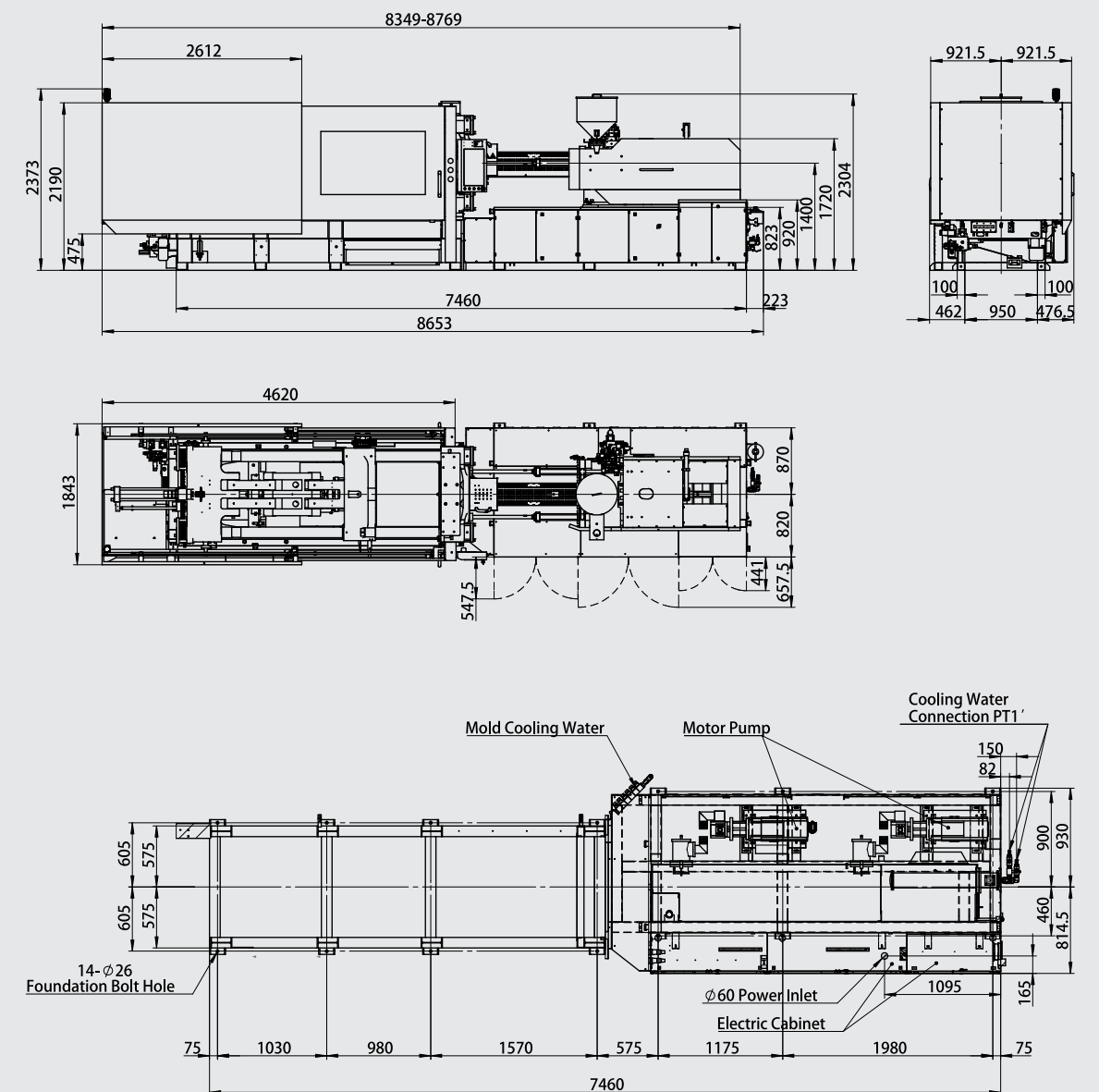
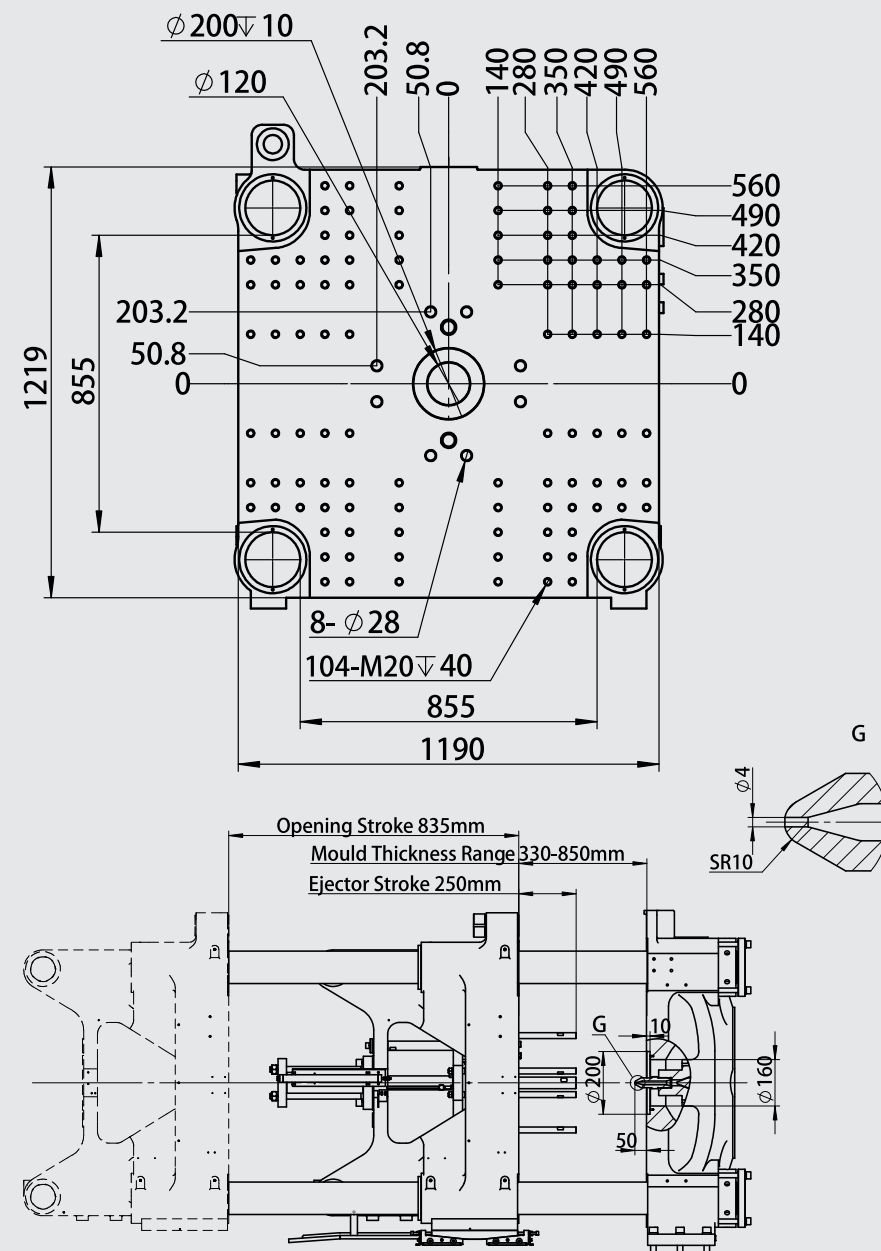
JM408-MK6.6 Euroseries



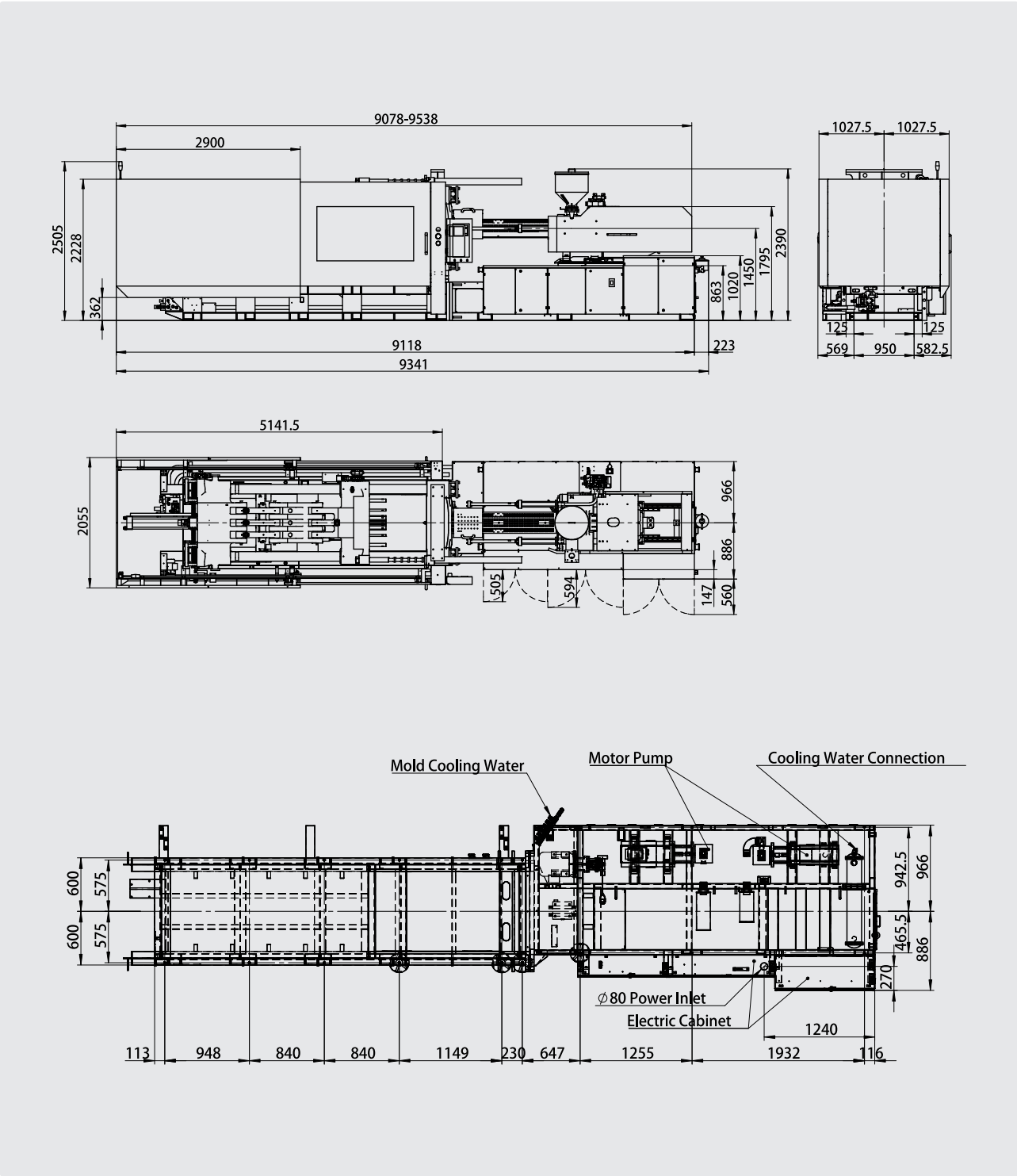
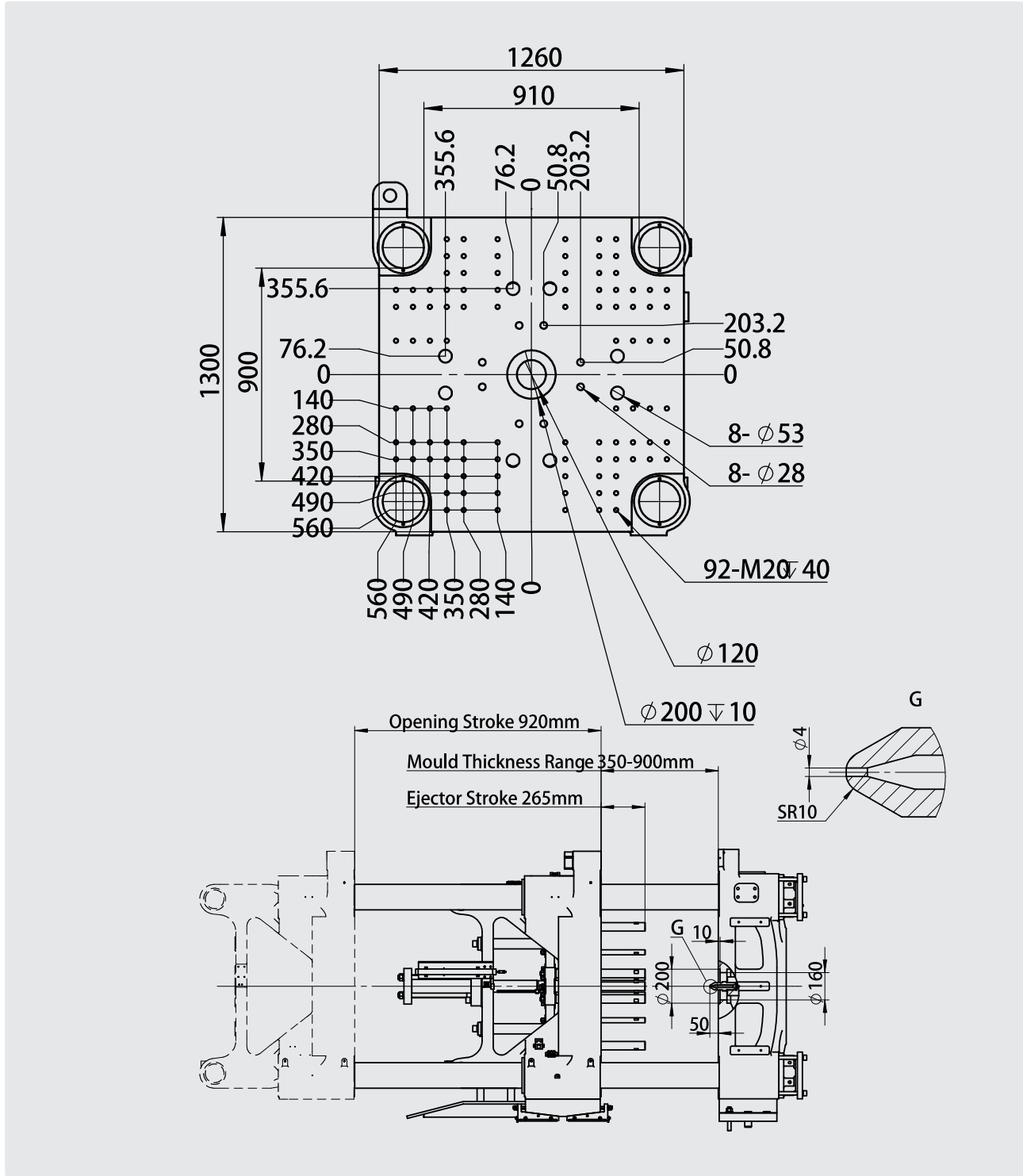
JM488-MK6.6 Euroseries



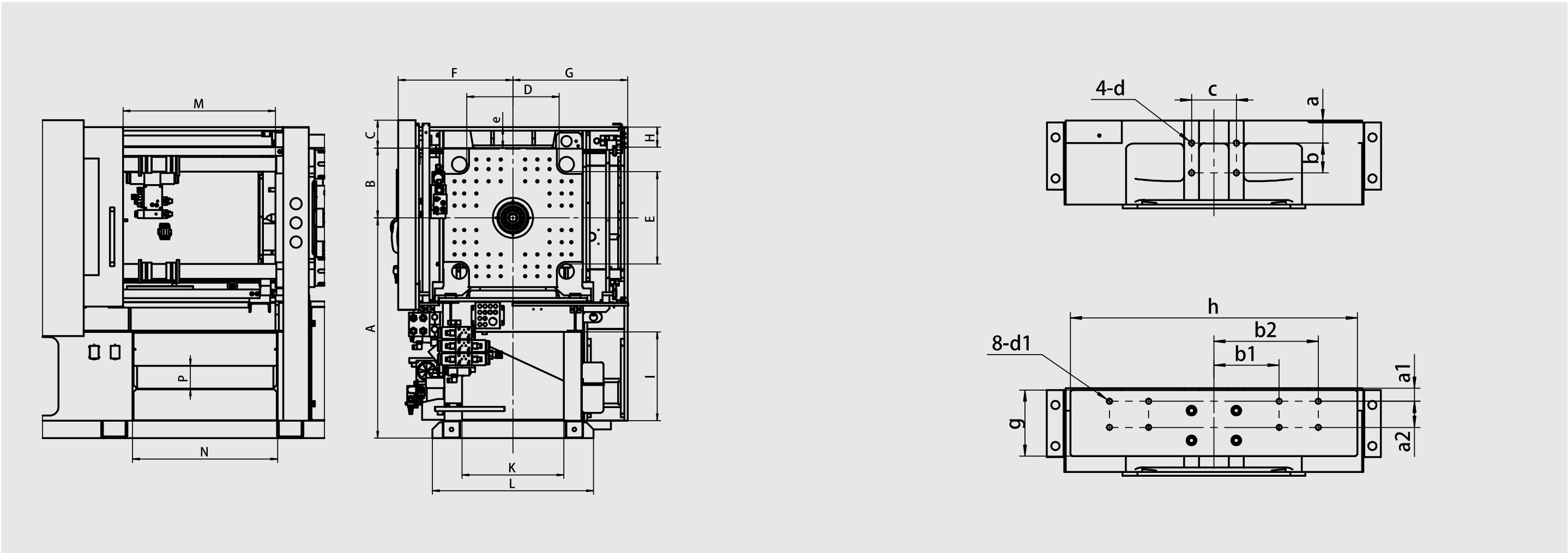
JM568-MK6.6 Euroseries



JM658-MK6.6 Euroseries



Robot installation Dimension diagram



MODEL	A	B	C	D	E	F	G	H	I	K	L	M	N	P	a	b	c	d	e	g	h	a1	a2	b1	b2	d1
JM88-MK6.6	1145	273	105	360	360	509	544	116	510	355	695	590	600	190	55	50	85	M16X32	105	140	520	17.5	35	140	210	M16
JM128-MK6.6	1170	303	105	410	410	539	574	116	510	416	756	670	700	190	60	55	85	M16X32	105	141	580	35	70	140	245	M16
JM168-MK6.6	1200	343	130	460	460	593	610	127	510	486	826	825	680	190	55	70	140	M16X32	130	155	660	35	70	175	280	M16
JM208-MK6.6	1265	401	160	530	530	659	659	125	510	585	925	874	833	315	60	80	120	M16X32	120	177	770	35	70	175	280	M16
JM268-MK6.6	1375	433	193	580	580	763	771	240	560	615	995	953	895	325	60	120	140	M20X40	193	215	840	35	140	210	350	M20
JM328-MK6.6	1420	485	106	660	660	749	730	208	560	770	1090	1120	832	189	65	130	240	M20X40	160	217	940	35	140	280	420	M20
JM408-MK6.6	1320	538	140	730	730	815	815	212	380	880	1200	1145	954	160	65	130	250	M20X40	200	230	1040	35	140	350	490	M20
JM488-MK6.6	1400	590	128	810	810	867	867	181	380	950	1270	1300	1062	357	65	150	250	M20X40	181	250	1080	35	140	350	490	M20
JM568-MK6.6	1400	628	118	855	855	867	867	216	310	950	1270	1380	1218	167	65	150	250	M20X40	181	250	1080	35	140	350	490	M20
JM658-MK6.6	1450	673	880	910	900	893	893	223	286	950	1200	1437	1030	286	105	140	840	M20X40	207	210	1200	35	140	420	560	M20

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STANDARD AND OPTIONAL FEATURES		
CLAMPING UNIT	STANDARD	OPTION
Automatic mould height adjustment	●	
Hydraulic safety device	●	
Euromap 2 platen design	●	
Euromap 13	●	
Euromap 18 robot mounting	●	
Euromap 67 robot interface	●	
Euromap 70 & 70.1 interface for magnetic mould clamps		○
Extended mould height		○
Mechanical safety bar		○
Product chute photo sensor	●	
Electric power door (front) with sensor		○
Infrared light guard (front door)		○
Automatic lubrication for toggles	●	
Automatic lubrication for mold height adjust		○
Manual lubrication pump for mold height adjust	●	
Additional core pulls (on moving platen)	2	
Air-blows	1×FP 1×MP	
Additional core-pulls		○
Additional air-blows		○
Parallel core pull movements		○
Ejection-on-fly		○
Electric power door (front)		○
Automatic clamping force control		○
OTHERS		
Power sockets 400V3P32A	1	
Power sockets 400V3P16A	1	
Power sockets 240V1P32A		○
Power sockets 240V1P16A	2	
Water manifolds (extra)	●	
Hydraulic by-pass filter	●	
Hydraulic oil pre-heat	●	

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STANDARD AND OPTIONAL FEATURES		
INJECTION UNIT	STANDARD	OPTION
Ceramic heater bands	●	
Nitrited screw and barrel	●	
Bi-metallic screw and barrel		○
Shut-off nozzle		○
Linear transducer on injection stroke	●	
Linear transducer on injection carriage	●	
Screw rpm indicator	●	
Automatic lubrication of injection unit		○
Manual lubrication pump for injection unit	●	
Simultaneous recovery / parallel plasticising		○
Hopper slider	●	
Hopper	●	
Injection pressure display	●	
Feed zone temperature control	●	
Barrel insulation jacket	●	
Digital back pressure control	●	
Broken thermocouple detection alarm		○
Blocked nozzle and overflow detection	●	
Hydraulic/pneumatic valve gates control		○
CONTROLLER		
B&R 9 controller (10.4" display)	●	
Sequence editor	●	
High-sensitivity mould protection	●	
Ethernet interface	●	
USB interface	●	
Euromap 67 interface	●	
Industry 4.0 connectivity		○
OPC-UA interface		○
Freely programmable core pulls	●	
Free I/O configuration	●	
Hot-runners control	●	