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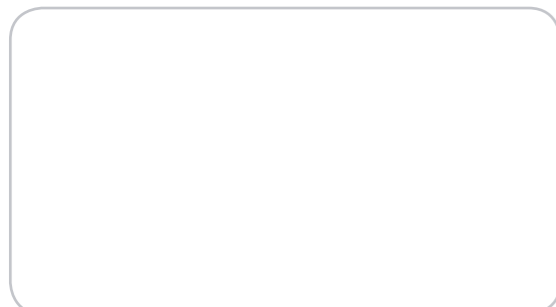
Haitian **Jupiter²** Series

Specifications / International

4500-10800kN



Haitian Partner:



HT20161114-IV

SPECIFICATIONS
INJECTION UNIT

	1700				STANDARD 2250				2950				4500					
CLAMPING UNIT																		
Clamping force					4500												kN	Clamping force
Space between tie bars					810×800												mm	Space between tie bars
Max. mold height					850												mm	Max. mold height
Min. mold height					350												mm	Min. mold height
Ejector stroke					250												mm	Ejector stroke
Ejector force					110												kN	Ejector force
Max. daylight					1400												mm	Max. daylight
Mold opening stroke *					1050/550												mm	Mold opening stroke *
Max. mold weight **					6.5												t	Max. mold weight **
INJECTION UNIT																		
	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D			
Screw diameter	60	65	70	65	70	75	80	70	80	85	90	80	85	90	100	mm		
Screw L /D ratio	21.7	20	18.6	21.5	20	18.7	17.5	22.9	20	18.9	17.8	22	20.7	19.6	17.6	L/D		
Shot size (theoretical)	792	929	1078	1068	1239	1423	1619	1424	1860	2100	2354	2212	2497	2799	3456	cm ³		
Injection weight (PS)	721	845	981	972	1127	1295	1473	1296	1693	1911	2142	2013	2272	2547	3145	g		
Injection rate	289	339	393	349	405	464	528	417	545	615	689	545	615	690	852	g/s		
Injection pressure	213	182	157	213	184	160	141	212	163	144	128	199	177	158	128	Mpa		
Plasticizing rate (PS)	51.1	56.7	64.4	58.6	67.3	76.1	84.4	66.3	87.4	97.4	108.5	78.1	86.2	98.2	120	g/s		
Screw speed	0-225			0-220				0-205				0-175				rpm		
OTHERS																		
Max. pump pressure	21			21				21				21				Mpa		
Pump motor power	37+4			45+4				55+4				65+4				kW		
Heating power	27			33				38.95				47.95				kW		
Machine dimensions (l x w x h)	7.1×2.2×2.3			7.1×2.2×2.3				7.1×2.2×2.4				7.2×2.2×2.7				(l x w x h)		
Machine weight	19			20				21				22				t		
Hopper capacity	50			50				50				100				kg		
Oil tank capacity	590			590				720				800				l		

NOTE:
 *) with min. mold height / with max. mold height
 **) moving platen: 2/3 of max. mold weight

We reserve the right to make changes as a result of further technical advantages.



SPECIFICATIONS
INJECTION UNIT

	2250				STANDARD 2950				4500					
CLAMPING UNIT													CLAMPING UNIT	
Clamping force					5500								kN	Clamping force
Space between tie bars					920x830								mm	Space between tie bars
Max. mold height					900								mm	Max. mold height
Min. mold height					350								mm	Min. mold height
Ejector stroke					250								mm	Ejector stroke
Ejector force					110								kN	Ejector force
Max. daylight					1650								mm	Max. daylight
Mold opening stroke *					1300/750								mm	Mold opening stroke *
Max. mold weight **					8								t	Max. mold weight **
INJECTION UNIT													INJECTION UNIT	
Screw diameter	A	B	C	D	A	B	C	D	A	B	C	D	mm	Screw diameter
Screw L /D ratio	21.5	20	18.7	17.5	22.9	20	18.9	17.8	22	20.7	19.6	17.6	L/D	Screw L /D ratio
Shot size (theoretical)	1068	1239	1423	1619	1424	1860	2100	2354	2212	2497	2799	3456	cm ³	Shot size (theoretical)
Injection weight (PS)	972	1127	1295	1473	1296	1693	1911	2142	2013	2272	2547	3145	g	Injection weight (PS)
Injection rate	349	405	464	528	417	545	615	689	545	615	690	852	g/s	Injection rate
Injection pressure	213	184	160	141	212	163	144	128	199	177	158	128	Mpa	Injection pressure
Plasticizing rate (PS)	58.6	67.3	76.1	84.4	66.3	87.4	97.4	108.5	78.1	86.2	98.2	120	g/s	Plasticizing rate (PS)
Screw speed	0-220				0-205				0-175				rpm	Screw speed
OTHERS													OTHERS	
Max. pump pressure	21				21				21				Mpa	Max. pump pressure
Pump motor power	45+4				55+4				65+4				kW	Pump motor power
Heating power	33				38.95				47.95				kW	Heating power
Machine dimensions (l x w x h)	7.3x2.4x2.4				7.3x2.4x2.4				7.4x2.4x2.7				(l x w x h)	Machine dimensions
Machine weight	21				22				24				t	Machine weight
Hopper capacity	50				50				100				kg	Hopper capacity
Oil tank capacity	590				720				800				l	Oil tank capacity

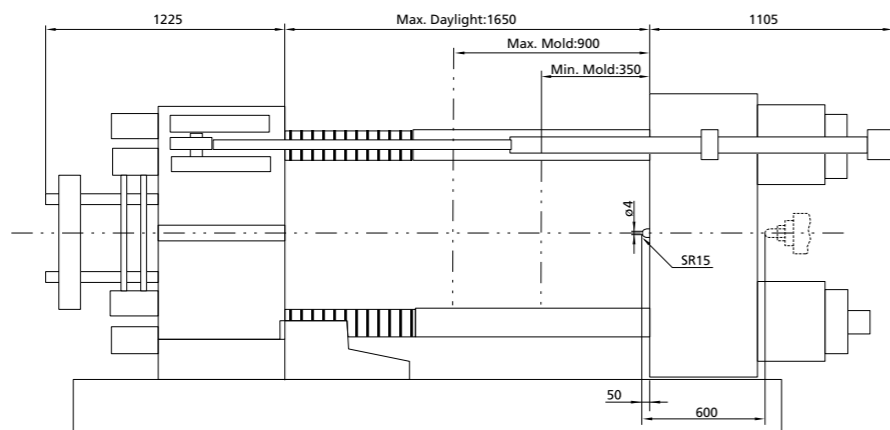
NOTE:
 *) with min. mold height / with max. mold height
 **) moving platen: 2/3 of max. mold weight

We reserve the right to make changes as a result of further technical advantages.

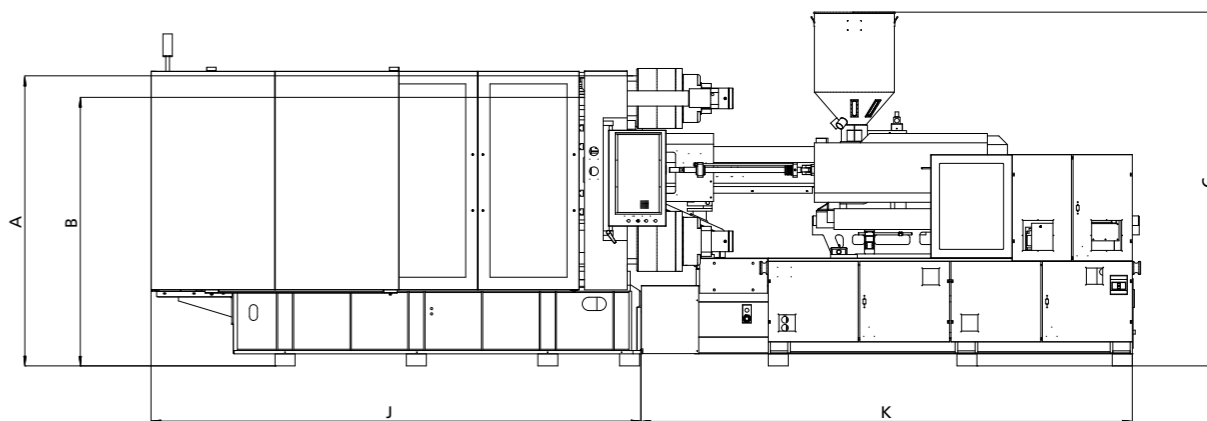
DIMENSIONS JU 5500 II

JUPITER II SERIES

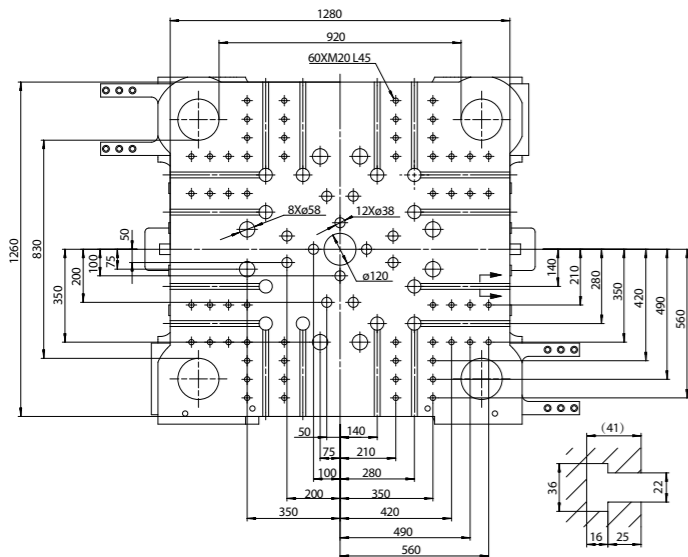
Clamping Unit



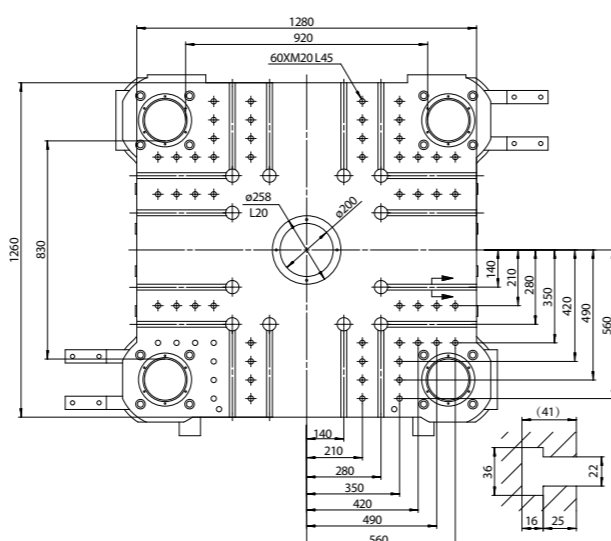
Front view



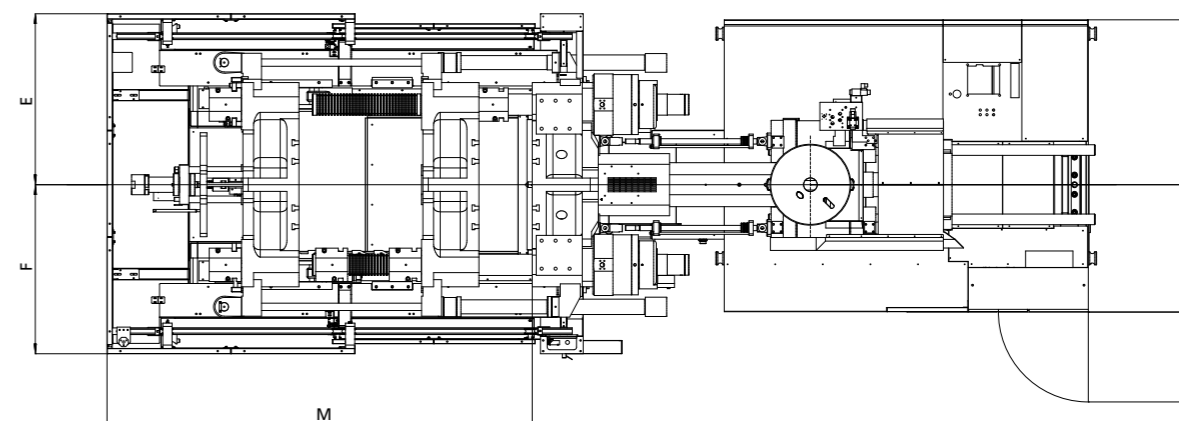
Platen dimensions Moving platen



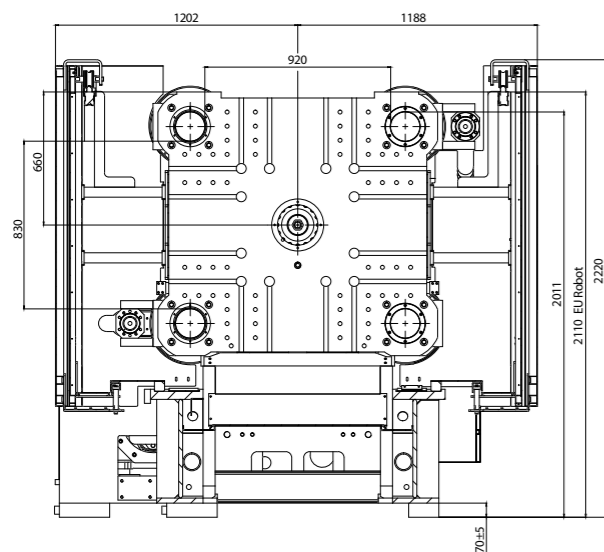
Platen dimensions Fixed platen



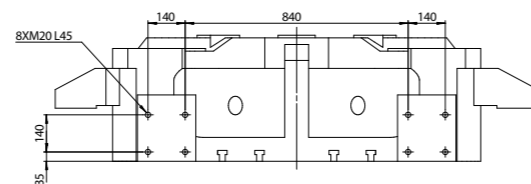
Top view



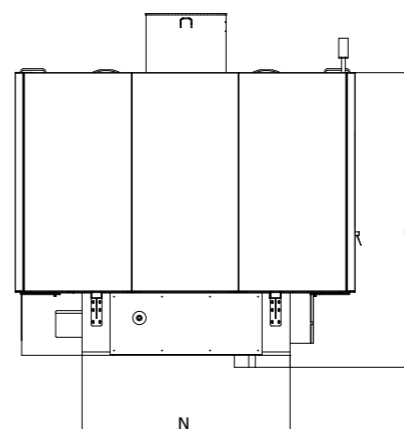
Robot Mechanical interface



Robot Top view fixed platen



Side view



Standard

INJECTION UNIT
DIMENSIONS (mm)

	A	B	C	D	E	F	G	H	I	J	K	M	N
2250	2110	1941	2320	2190	1202	1188	1097	905	674	3544	3698	3059	1400
2950	2110	1941	2345	2190	1202	1188	1187	905	674	3544	3679	3059	1400
4500	2110	1941	2655	2190	1202	1188	1237	955	674	3544	3774	3059	1400

We reserve the right to make changes as a result of further technical advantages.



SPECIFICATIONS
INJECTION UNIT

	2250				2950				STANDARD 4500				5000				6800					
CLAMPING UNIT																						
Clamping force									6500												kN	Clamping force
Space between tie bars									1040x910												mm	Space between tie bars
Max. mold height									950												mm	Max. mold height
Min. mold height									400												mm	Min. mold height
Ejector stroke									250												mm	Ejector stroke
Ejector force									110												kN	Ejector force
Max. daylight									1750												mm	Max. daylight
Mold opening stroke *									1350/800												mm	Mold opening stroke *
Max. mold weight **									9.5												t	Max. mold weight **
INJECTION UNIT																						
Screw diameter	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	mm	Screw diameter
Screw L /D ratio	21.5	20	18.7	17.5	22.9	20	18.9	17.8	22	20.7	19.6	17.6	24.8	22	19.8	18	24.4	22	20	18.3	L/D	Screw L /D ratio
Shot size (theoretical)	1068	1239	1423	1619	1424	1860	2100	2354	2212	2497	2799	3456	2262	2863	3534	4276	2990	3691	4467	5316	cm ³	Shot size (theoretical)
Injection weight (PS)	972	1127	1295	1473	1296	1693	1911	2142	2013	2272	2547	3145	2058	2605	3216	3891	2721	3359	4065	4838	g	Injection weight (PS)
Injection rate	349	405	464	528	417	545	615	689	545	615	690	852	487	616	761	921	526	650	787	936	g/s	Injection rate
Injection pressure	213	184	160	141	212	163	144	128	199	177	158	128	225	178	144	119	235	190	157	132	Mpa	Injection pressure
Plasticizing rate (PS)	58.6	67.3	76.1	84.4	66.3	87.4	97.4	108.5	78.1	86.2	98.2	120	70.9	88.9	109.0	129.0	88.1	108	128.4	149.9	g/s	Plasticizing rate (PS)
Screw speed	0-220				0-205				0-175				0-145				0-133				rpm	Screw speed
OTHERS																						
Max. pump pressure	21				21				21				21				21				Mpa	Max. pump pressure
Pump motor power	45+5.5				55+5.5				65+5.5				45+22+5.5				55+22+5.5				kW	Pump motor power
Heating power	33				38.95				47.95				54.25				70.6				kW	Heating power
Machine dimensions (l x w x h)	7.4x2.6x2.4				7.4x2.6x2.4				7.5x2.6x2.7				8.6x2.6x2.7				8.6x2.6x2.9				(l x w x h)	Machine dimensions
Machine weight	24				25				27				28				30				t	Machine weight
Hopper capacity	50				50				100				100				100				kg	Hopper capacity
Oil tank capacity	590				720				800				950				1070				l	Oil tank capacity

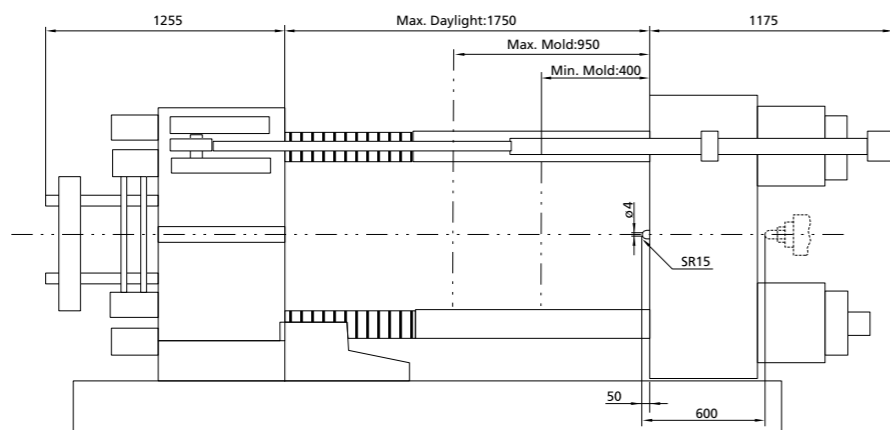
NOTE:
 *) with min. mold height / with max. mold height
 **) moving platen: 2/3 of max. mold weight

We reserve the right to make changes as a result of further technical advantages.

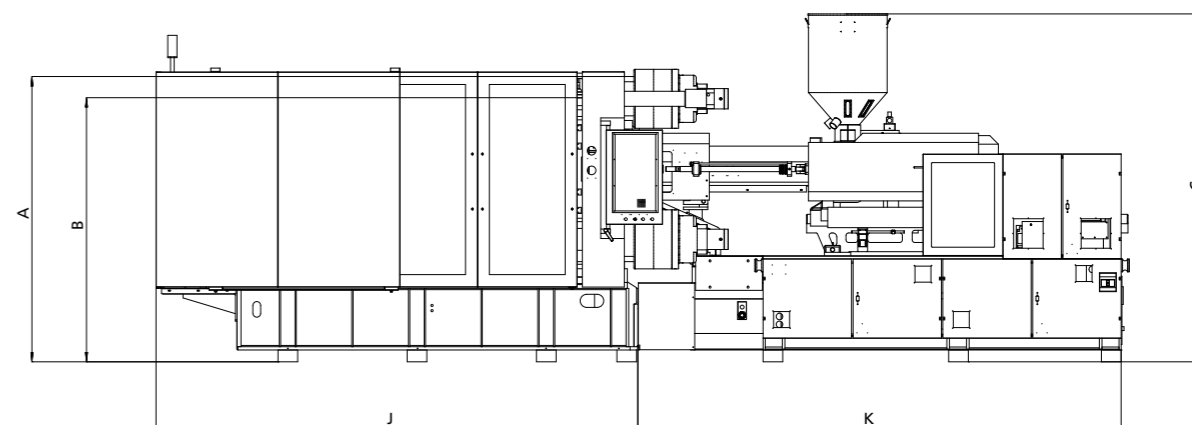
DIMENSIONS JU 6500 II

JUPITER II SERIES

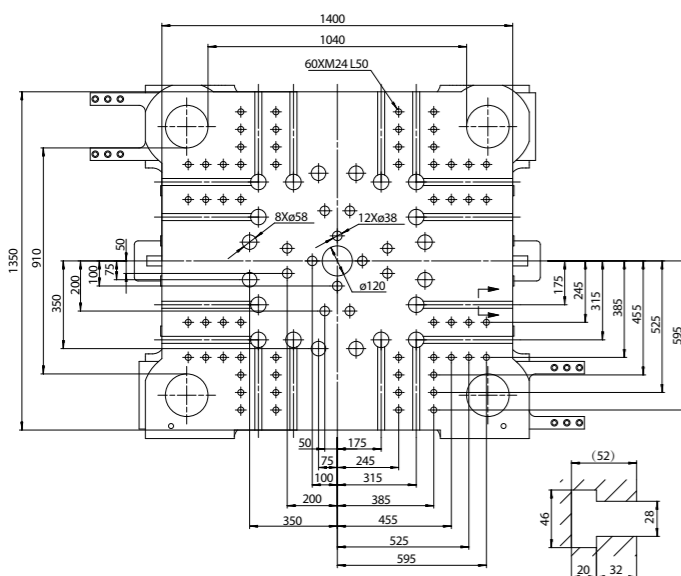
Clamping Unit



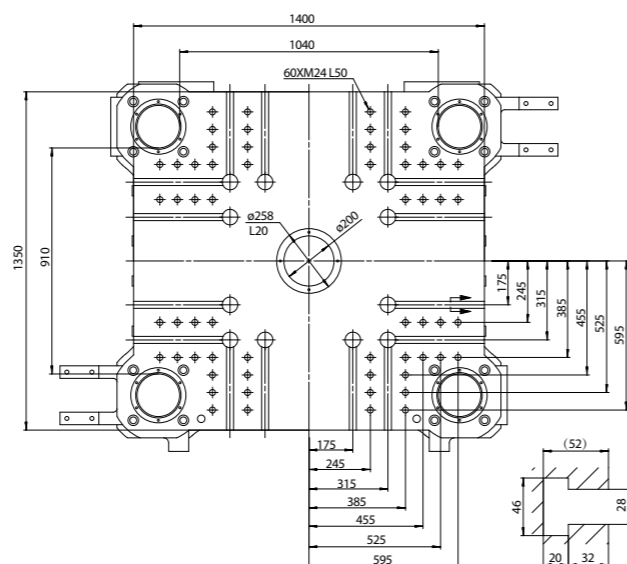
Front view



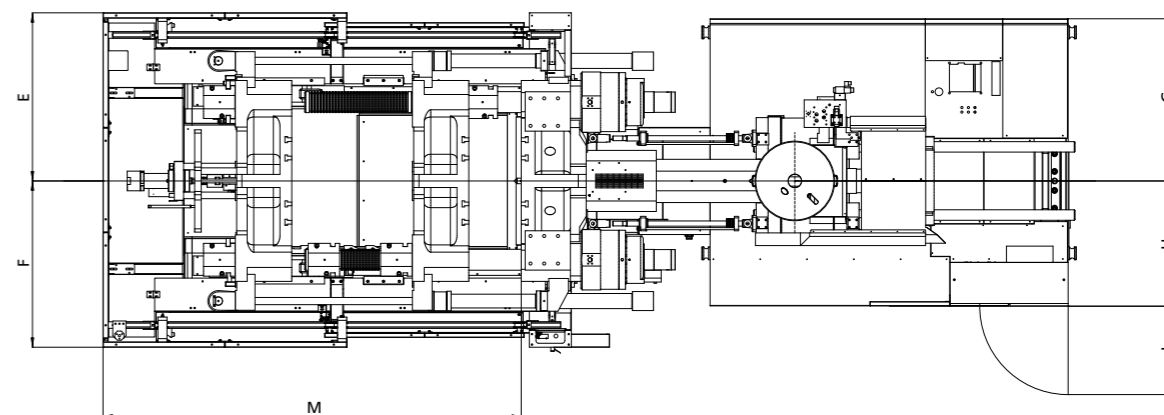
Platen dimensions Moving platen



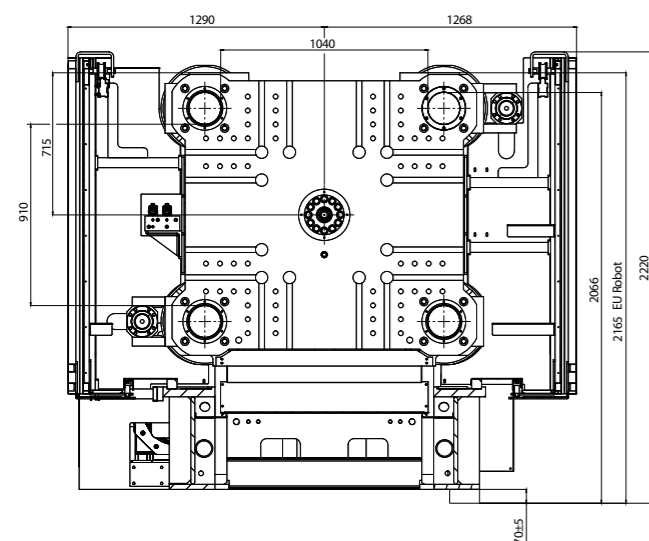
Platen dimensions Fixed platen



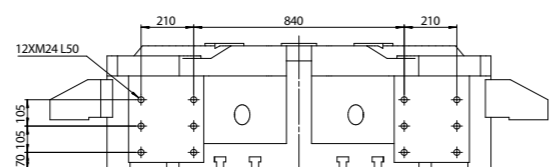
Top view



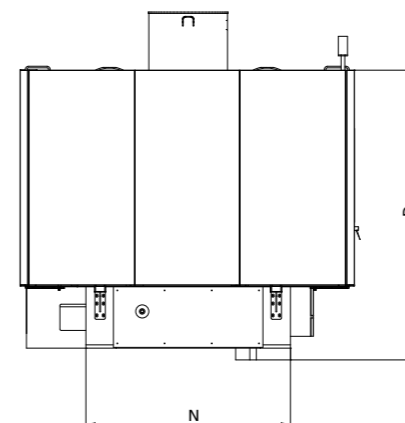
Robot Mechanical interface



Robot Top view fixed platen



Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
2250	2165	1996	2320	2190	1282	1268	1097	905	674	3674	3698	3189	1560
2950	2165	1996	2365	2190	1282	1268	1187	905	674	3674	3679	3189	1560
4500	2165	1996	2635	2190	1282	1268	1237	955	674	3674	3774	3189	1560
5000	2165	1996	2680	2190	1282	1268	1191	1088	544	3674	4905	3189	1560
6800	2285	2116	2810	2310	1282	1268	1191	1088	544	3674	4889	3189	1560

INJECTION UNIT
DIMENSIONS (mm)



SPECIFICATIONS
INJECTION UNIT

	2950				4500				STANDARD 5000				6800				8400						
CLAMPING UNIT																							
Clamping force									7500												kN	Clamping force	
Space between tie bars									1110x960												mm	Space between tie bars	
Max. mold height									950												mm	Max. mold height	
Min. mold height									450												mm	Min. mold height	
Ejector stroke									300												mm	Ejector stroke	
Ejector force									195												kN	Ejector force	
Max. daylight									1850												mm	Max. daylight	
Mold opening stroke *									1400/900												mm	Mold opening stroke *	
Max. mold weight **									11												t	Max. mold weight **	
INJECTION UNIT																							
Screw diameter	mm	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	mm	Screw diameter
Screw L /D ratio	L/D	22.9	20	18.9	17.8	22	20.7	19.6	17.6	24.8	22	19.8	18	24.4	22	20	18.3	24.2	22	20.2	18.6	L/D	Screw L /D ratio
Shot size (theoretical)	cm ³	1424	1860	2100	2354	2212	2497	2799	3456	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769	cm ³	Shot size (theoretical)
Injection weight (PS)	g	1296	1693	1911	2142	2013	2272	2547	3145	2058	2605	3216	3891	2721	3359	4065	4838	3645	4410	5249	6160	g	Injection weight (PS)
Injection rate	g/s	417	545	615	689	545	615	690	852	487	616	761	921	526	650	787	936	682	825	982	1153	g/s	Injection rate
Injection pressure	Mpa	212	163	144	128	199	177	158	128	225	178	144	119	235	190	157	132	220	182	153	130	Mpa	Injection pressure
Plasticizing rate (PS)	g/s	66.3	87.4	97.4	108.5	78.1	86.2	98.2	120	70.9	88.9	109.0	129.0	88.1	108	128.4	149.9	101	121	140	161	g/s	Plasticizing rate (PS)
Screw speed	rpm	0-205				0-175				0-145				0-133				0-115				rpm	Screw speed
OTHERS																							
Max. pump pressure	Mpa	21				21				21				21				21				Mpa	Max. pump pressure
Pump motor power	kW	55+5.5				65+5.5				45+22+5.5				55+22+5.5				55+37+5.5				kW	Pump motor power
Heating power	kW	38.95				47.95				54.25				70.6				82.8				kW	Heating power
Machine dimensions (l x w x h)		7.7x3x2.4				7.8x3x2.7				8.9x3x2.7				8.9x3x.29				9.1x3x3.1				(l x w x h)	Machine dimensions
Machine weight	t	27				29				30				32				33				t	Machine weight
Hopper capacity	kg	50				100				100				100				100				kg	Hopper capacity
Oil tank capacity	l	720				800				950				1070				1200				l	Oil tank capacity

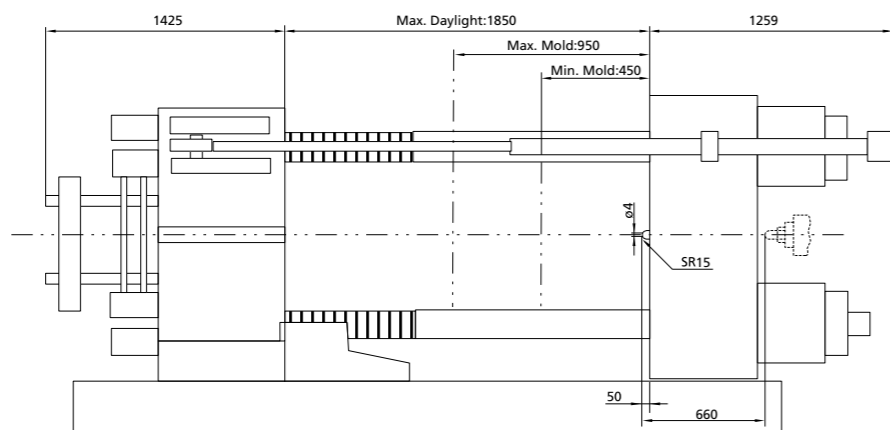
NOTE:
 *) with min. mold height / with max. mold height
 **) moving platen: 2/3 of max. mold weight

We reserve the right to make changes as a result of further technical advantages.

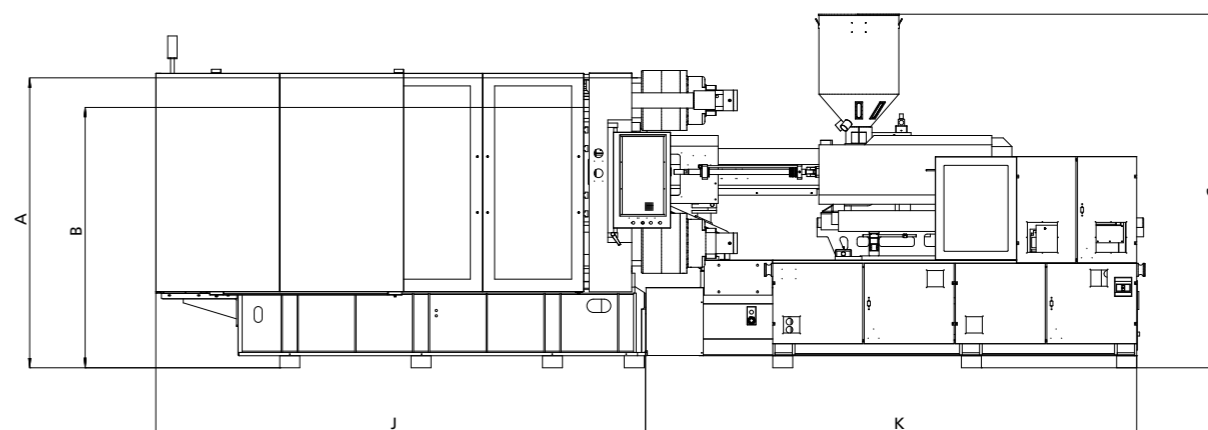
DIMENSIONS JU 7500 II

JUPITER II SERIES

Clamping Unit

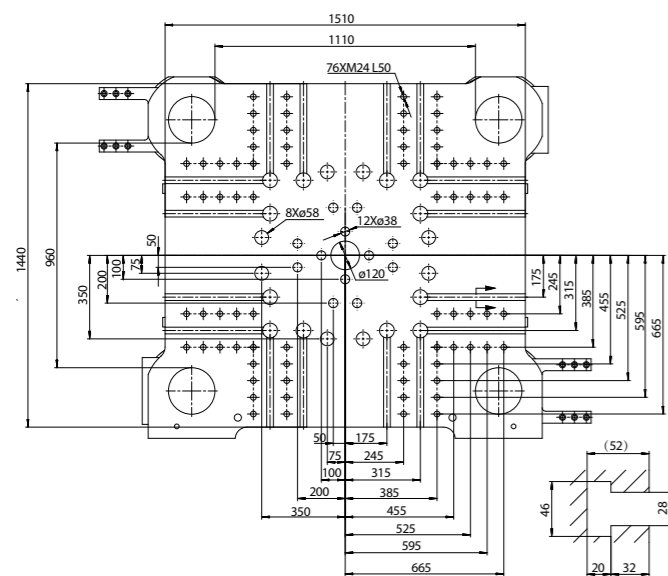


Front view



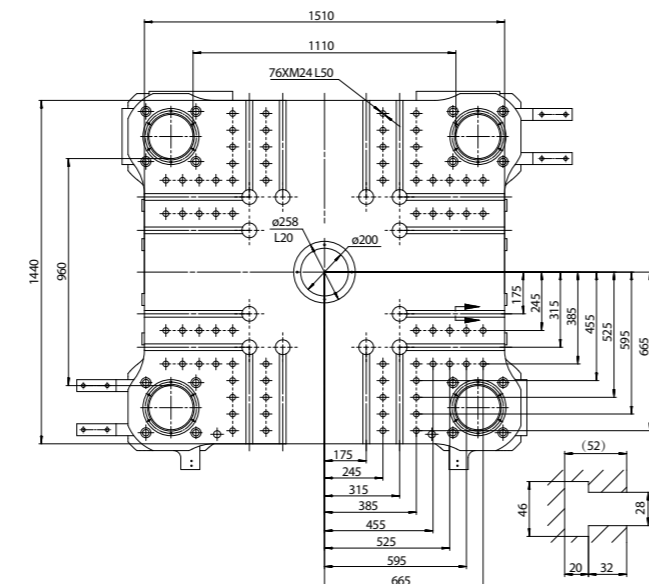
Platen dimensions

Moving platen

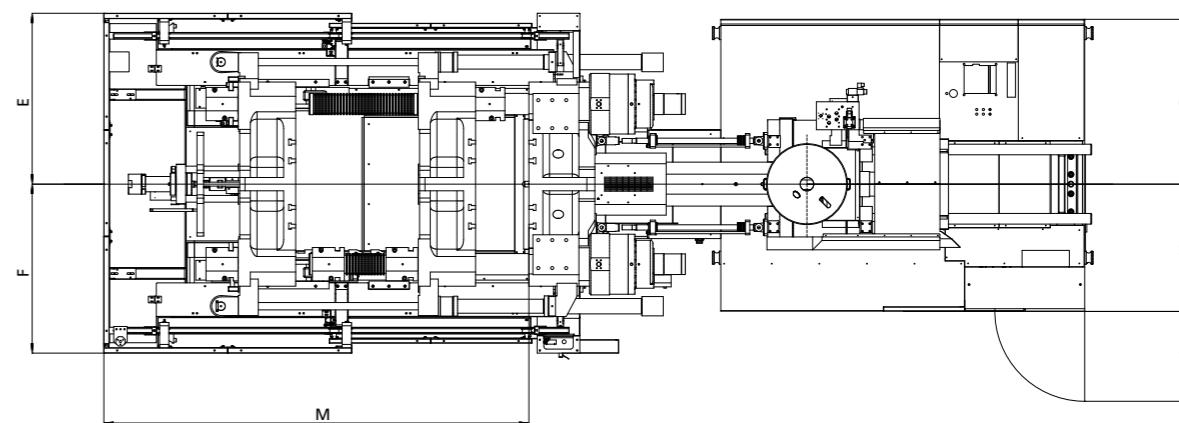


Platen dimensions

Fixed platen

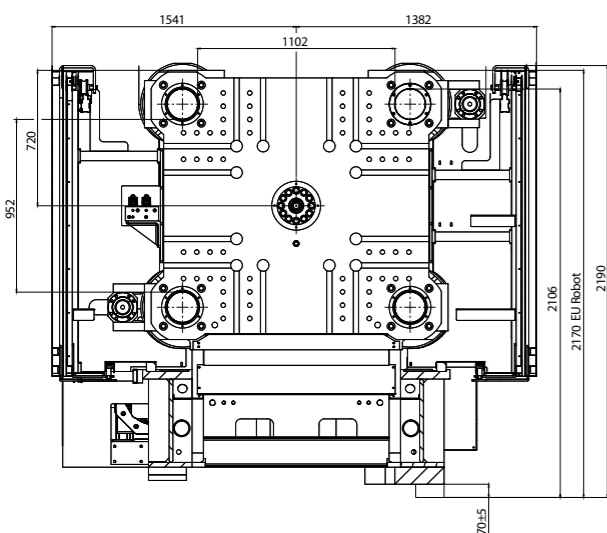


Top view



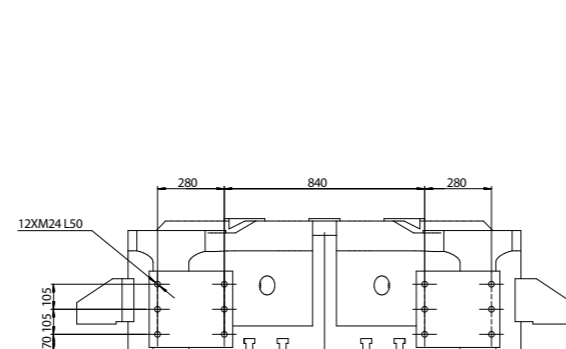
Robot

Mechanical interface

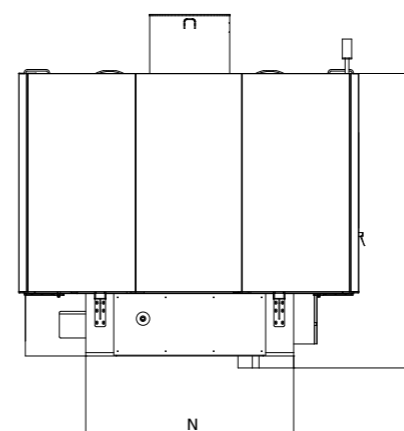


Robot

Top view fixed platen



Side view



Standard

INJECTION UNIT
DIMENSIONS (mm)

	A	B	C	D	E	F	G	H	I	J	K	M	N
2950	2208	2106	2365	2163	1541	1382	1187	905	674	4006	3679	3496	1607
4500	2208	2106	2655	2163	1541	1382	1237	955	674	4006	3774	3496	1607
5000	2208	2106	2660	2163	1541	1382	1191	1088	544	4006	4878	3496	1607
6800	2328	2226	2810	2283	1541	1382	1191	1088	544	4006	4864	3496	1607
8400	2328	2226	2968	2283	1541	1382	1359	1178	544	4006	5078	3496	1607

We reserve the right to make changes as a result of further technical advantages.



SPECIFICATIONS
INJECTION UNIT

	4500				5000				STANDARD 6800				8400					
CLAMPING UNIT																		
Clamping force									9000								kN	Clamping force
Space between tie bars									1180x1000								mm	Space between tie bars
Max. mold height									1100								mm	Max. mold height
Min. mold height									500								mm	Min. mold height
Ejector stroke									300								mm	Ejector stroke
Ejector force									195								kN	Ejector force
Max. daylight									2100								mm	Max. daylight
Mold opening stroke *									1600/1000								mm	Mold opening stroke *
Max. mold weight **									13								t	Max. mold weight **
INJECTION UNIT																		
Screw diameter	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	mm	Screw diameter
Screw L /D ratio	22	20.7	19.6	17.6	24.8	22	19.8	18	24.4	22	20	18.3	24.2	22	20.2	18.6	L/D	Screw L /D ratio
Shot size (theoretical)	2212	2497	2799	3456	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769	cm ³	Shot size (theoretical)
Injection weight (PS)	2013	2272	2547	3145	2058	2605	3216	3891	2721	3359	4065	4838	3645	4410	5249	6160	g	Injection weight (PS)
Injection rate	545	615	690	852	487	616	761	921	526	650	787	936	682	825	982	1153	g/s	Injection rate
Injection pressure	199	177	158	128	225	178	144	119	235	190	157	132	220	182	153	130	Mpa	Injection pressure
Plasticizing rate (PS)	78.1	86.2	98.2	120	70.9	88.9	109.0	129.0	88.1	108	128.4	149.9	101	121	140	161	g/s	Plasticizing rate (PS)
Screw speed	0-175				0-145				0-133				0-115				rpm	Screw speed
OTHERS																		
Max. pump pressure	21				21				21				21				Mpa	Max. pump pressure
Pump motor power	65+5.5				45+22+5.5				55+22+5.5				55+37+5.5				kW	Pump motor power
Heating power	47.95				54.25				70.6				82.8				kW	Heating power
Machine dimensions (l x w x h)	8.2x3.2x2.8				9.3x3.2x2.8				9.3x3.2x2.8				9.5x3.2x3				(l x w x h)	Machine dimensions
Machine weight	35				36				38				40				t	Machine weight
Hopper capacity	100				100				100				100				kg	Hopper capacity
Oil tank capacity	800				950				1070				1200				l	Oil tank capacity

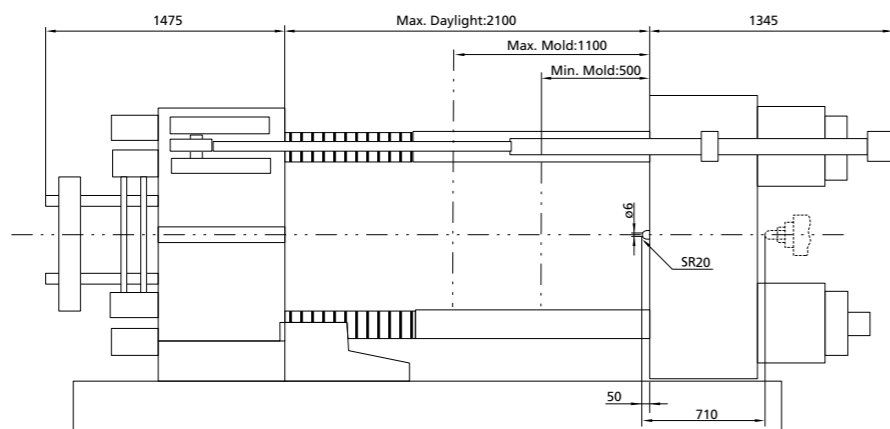
NOTE:
 *) with min. mold height / with max. mold height
 **) moving platen: 2/3 of max. mold weight

We reserve the right to make changes as a result of further technical advantages.

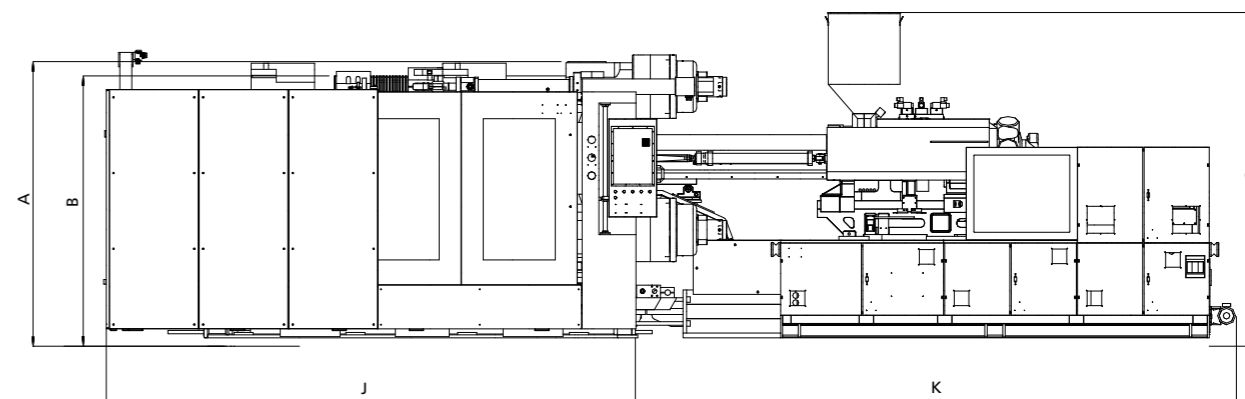
DIMENSIONS JU 9000 II

JUPITER II SERIES

Clamping Unit

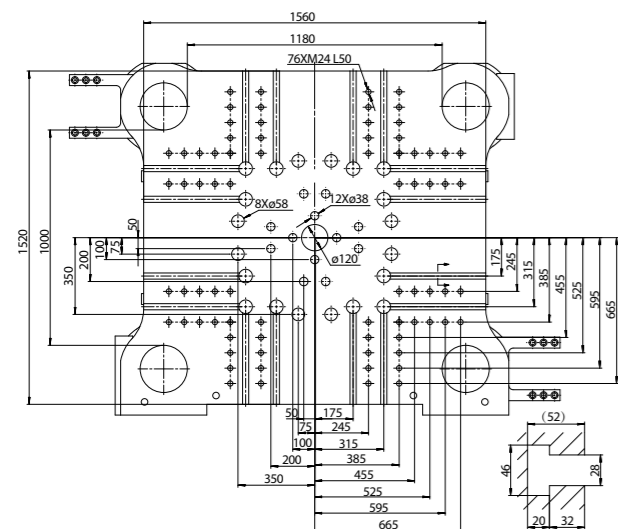


Front view



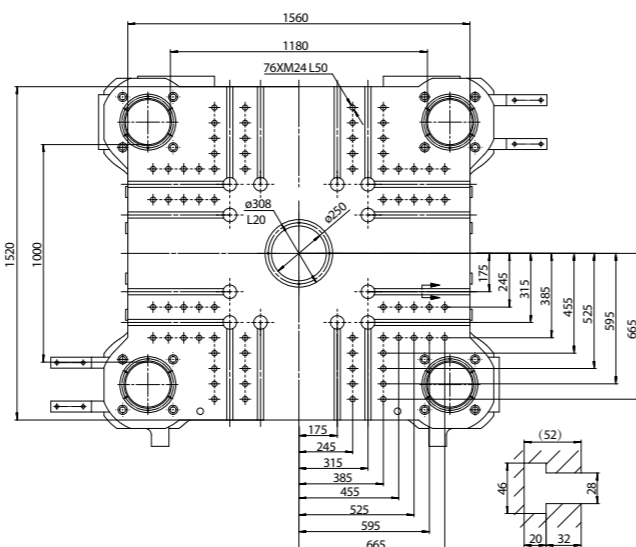
Platen dimensions

Moving platen

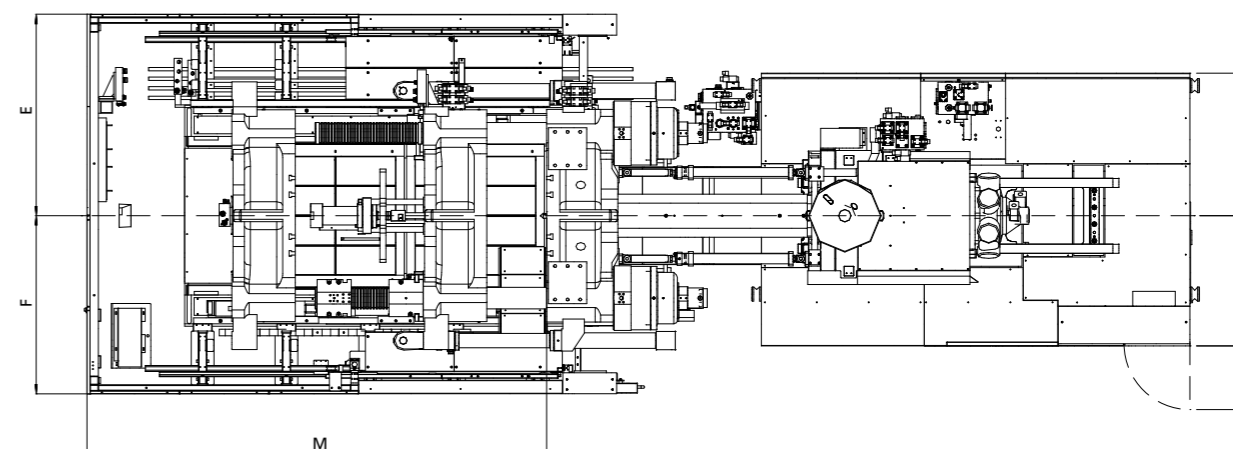


Platen dimensions

Fixed platen

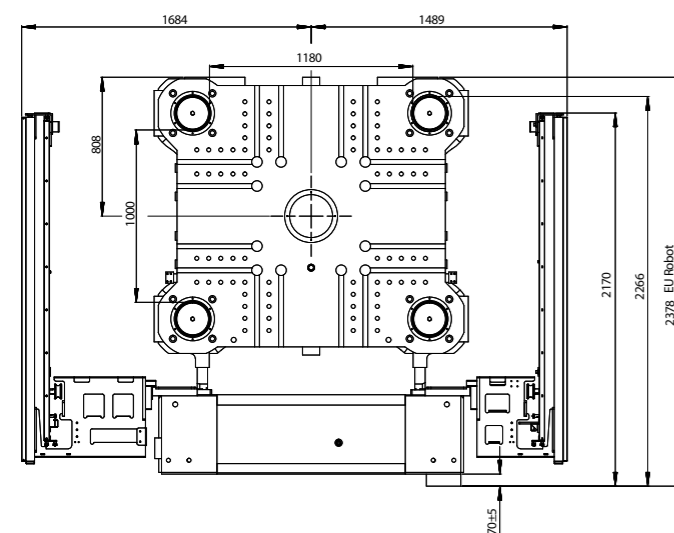


Top view



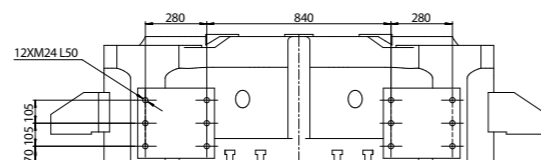
Robot

Mechanical interface

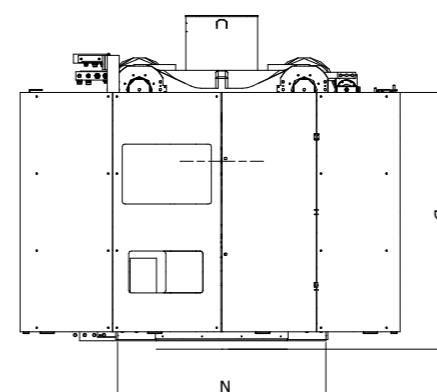


Robot

Top view fixed platen



Side view



Standard

	INJECTION UNIT DIMENSIONS (mm)													
	A	B	C	D	E	F	G	H	I	J	K	M	N	
4500	2378	2266	2755	2145	1684	1489	1237	955	674	4420	3774	3840	1740	
5000	2378	2266	2780	2145	1684	1489	1191	1088	544	4420	4878	3840	1740	
6800	2378	2266	2788	2145	1684	1489	1191	1088	544	4420	4794	3840	1740	
8400	2378	2266	2968	2145	1684	1489	1359	1178	544	4420	5458	3840	1740	

We reserve the right to make changes as a result of further technical advantages.

SPECIFICATIONS
INJECTION UNIT

	5000				6800				STANDARD 8400				10600					
CLAMPING UNIT																		
Clamping force									10800								kN	Clamping force
Space between tie bars									1260x1100								mm	Space between tie bars
Max. mold height									1200								mm	Max. mold height
Min. mold height									600								mm	Min. mold height
Ejector stroke									350								mm	Ejector stroke
Ejector force									230								kN	Ejector force
Max. daylight									2400								mm	Max. daylight
Mold opening stroke *									1800/1200								mm	Mold opening stroke *
Max. mold weight **									16								t	Max. mold weight **
INJECTION UNIT																		
Screw diameter	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	mm	Screw diameter
Screw L /D ratio	L/D				L/D				L/D				L/D				L/D	Screw L /D ratio
Shot size (theoretical)	cm ³				cm ³				cm ³				cm ³				cm ³	Shot size (theoretical)
Injection weight (PS)	g				g				g				g				g	Injection weight (PS)
Injection rate	g/s				g/s				g/s				g/s				g/s	Injection rate
Injection pressure	Mpa				Mpa				Mpa				Mpa				Mpa	Injection pressure
Plasticizing rate (PS)	g/s				g/s				g/s				g/s				g/s	Plasticizing rate (PS)
Screw speed	rpm	0-145			0-133			0-115			0-102			rpm	Screw speed			
OTHERS																		
Max. pump pressure	Mpa	21			21			21			21			Mpa	Max. pump pressure			
Pump motor power	kW	45+22+7.5			55+22+7.5			55+37+7.5			75+37+7.5			kW	Pump motor power			
Heating power	kW	54.25			70.6			82.8			104			kW	Heating power			
Machine dimensions (l x w x h)		9.6x3.3x2.8			9.6x3.3x2.8			9.9x3.3x3			10.4x3.3x4.1			(l x w x h)	Machine dimensions			
Machine weight	t	30			38			45			59			t	Machine weight			
Hopper capacity	kg	100			100			100			400			kg	Hopper capacity			
Oil tank capacity	l	950			1070			1200			1430			l	Oil tank capacity			

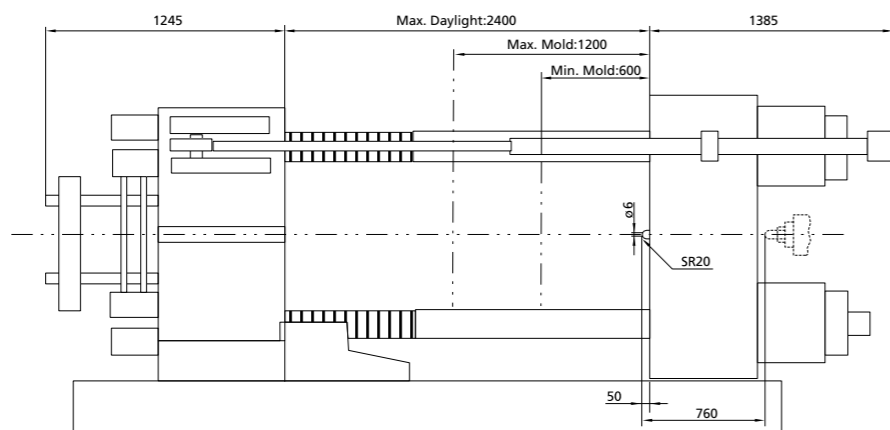
NOTE:
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We reserve the right to make changes as a result of further technical advantages.

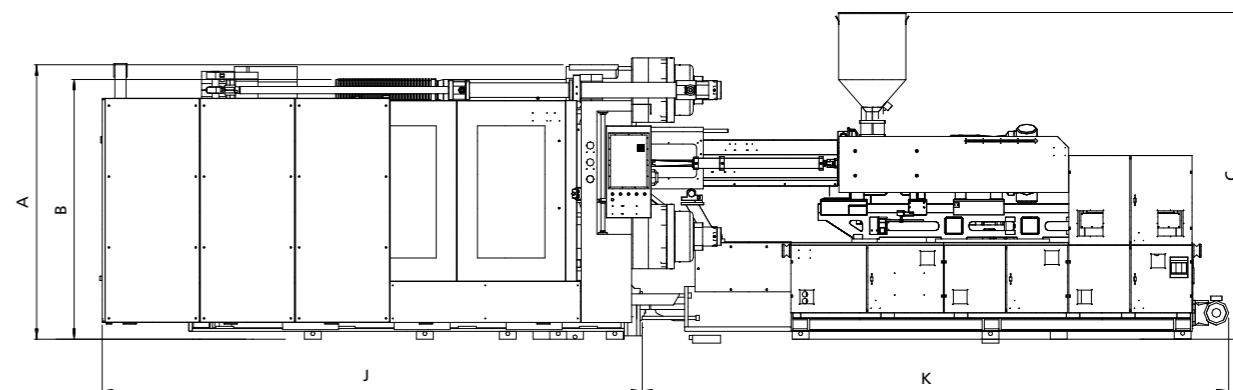
DIMENSIONS JU 10800 II

JUPITER II SERIES

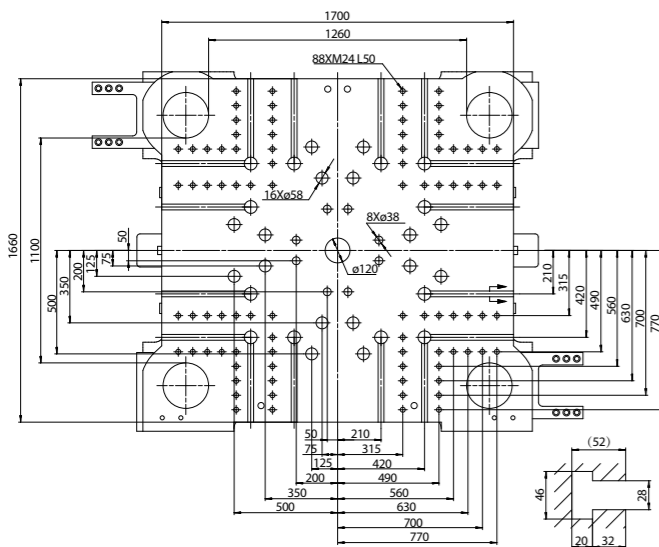
Clamping Unit



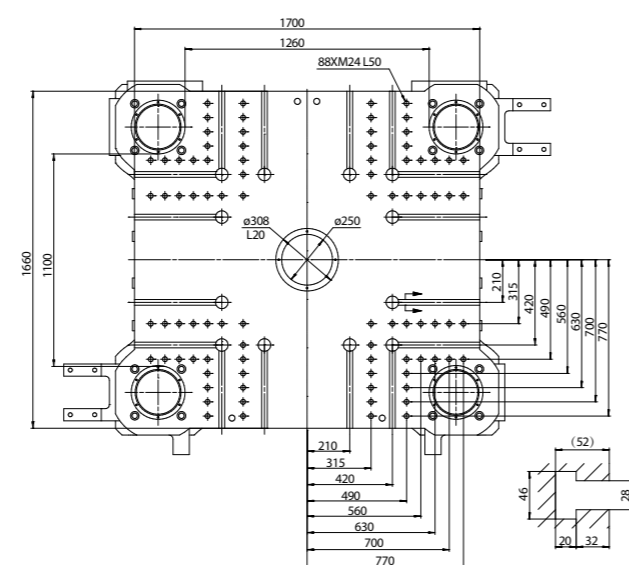
Front view



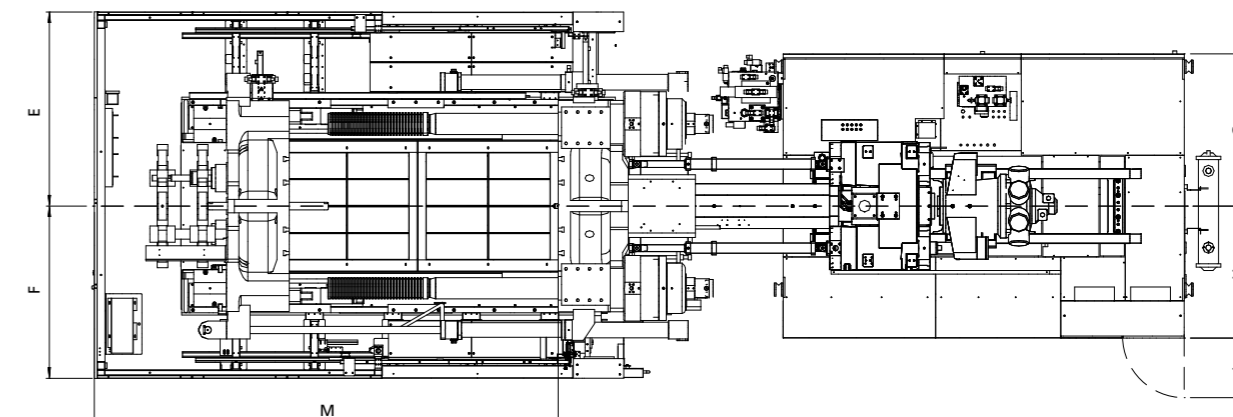
Platen dimensions Moving platen



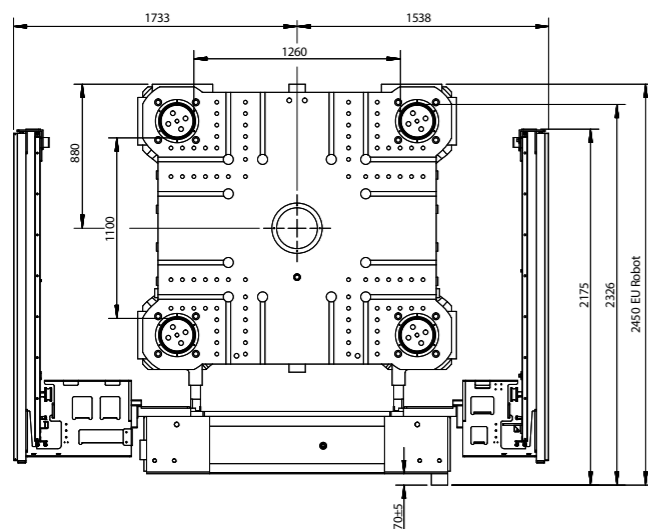
Platen dimensions Fixed platen



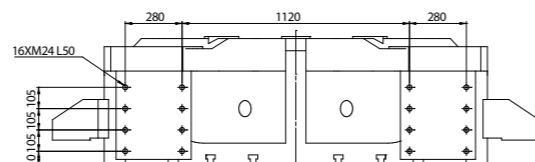
Top view



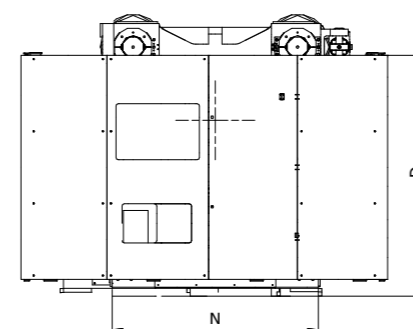
Robot Mechanical interface



Robot Top view fixed platen



Side view



Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
5000	2450	2326	2780	2150	1733	1538	1191	1088	544	4800	4878	4140	1840
6800	2450	2326	2788	2150	1733	1538	1191	1088	544	4800	4794	4140	1840
8400	2450	2326	2946	2150	1733	1538	1359	1178	544	4800	5378	4140	1840
10600	2680	2556	4081	2380	1733	1538	1592	1360	644	4800	6038	4140	1840

INJECTION UNIT
DIMENSIONS (mm)

