DK Series

Two Platen Injection Molding Machine

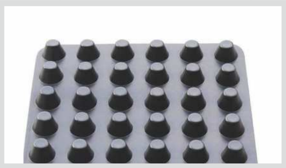
Operate independently to ensure German quality and present European performance perfectly.

More than 100 tests, more than 20 patents,
speed, accuracy, stability are increased,
It will become the first choice in automobile industry compared with European products.

Automobile industry

Household electrical appliance industry

Deep cavity product



Logistics building material

Two Platen Injection Molding Machine
Technical Pain Points in China

Mold open & close not smoothly

Limitation of controller program development, most of the manufactures have to slow down the speed of mold open and close to avoid the mold and machine shaking.

Tie bar easily to break

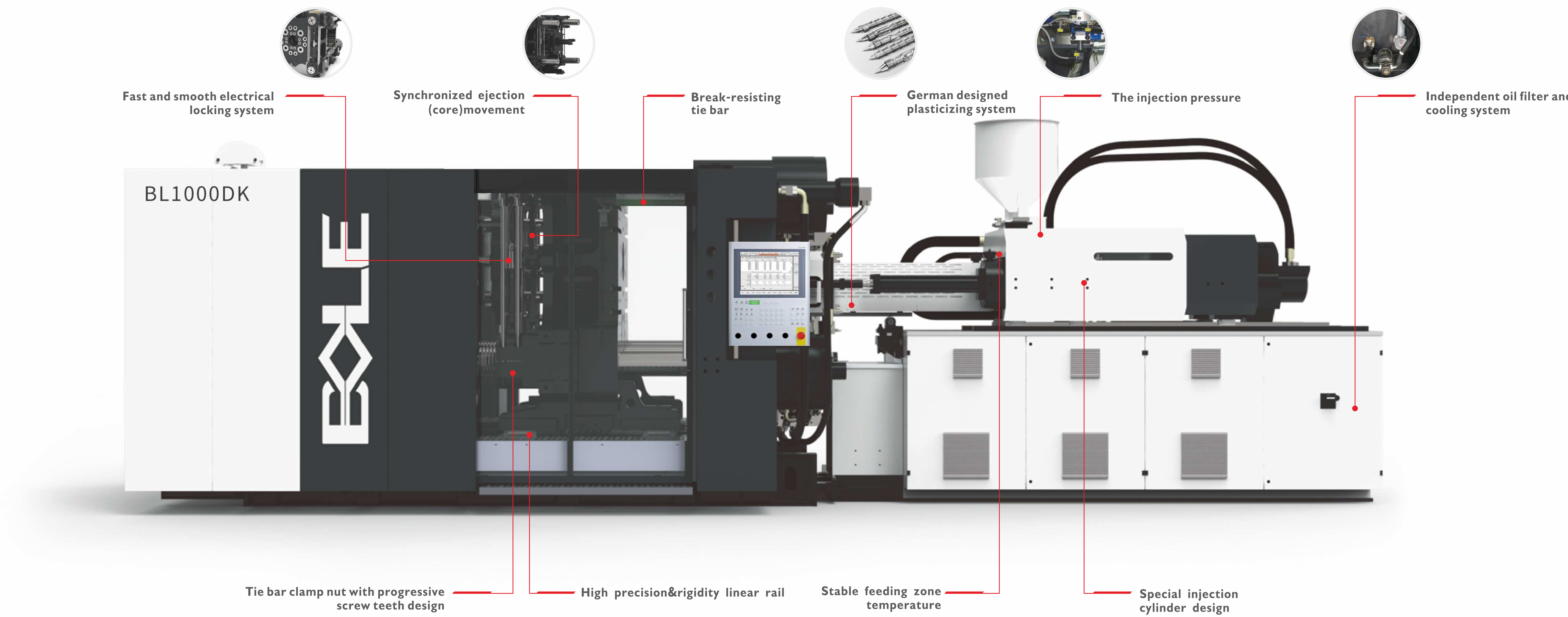
It's the normal case that one tie bar goes along with the machine as a spare part in case of tie bar break , which cause many high-end customers not willing to use China Made two platen machine even though the manufactures try hard to improve.

Lock nut unsteady

Production and operation is often stopped by lock nut failure.

Bole two platen injection moulding machine can solve these problems effectively.

DK Series Two Platen Injection Moulding Machine



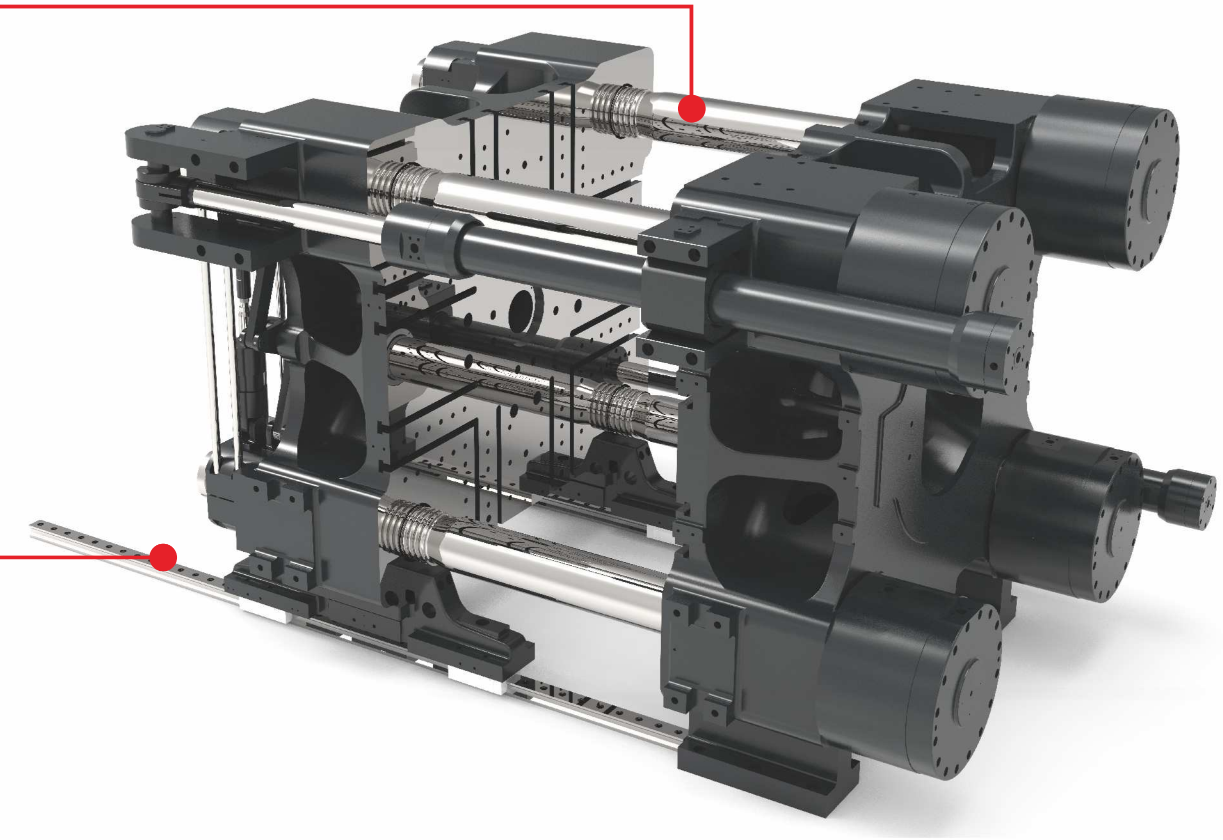
DK series two-platen injection moulding machine ten core strengths

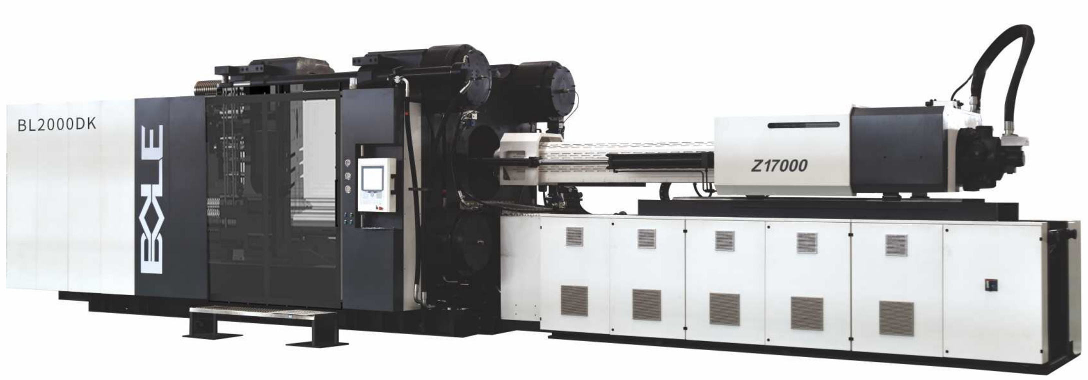
01 Break-resisting tie bar

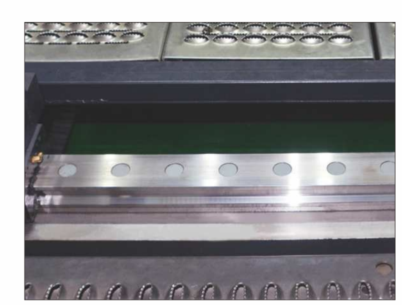
Less stress for weak point of tie bar, there is almost no risk of fracture, high overload and bending resisted tie bar. Patent applied.

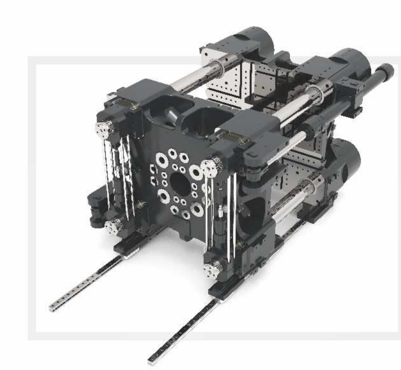
02 High precision&rigidity linear rail

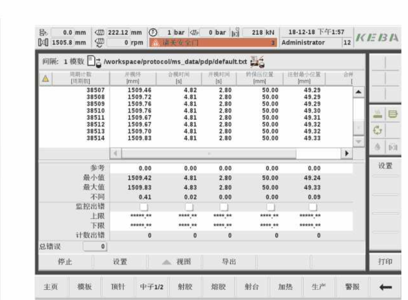
DK series two platen machines adopt high-precision and high-rigidity liner guide coordinates with sliding foot to support movable platen, guarteeing high .



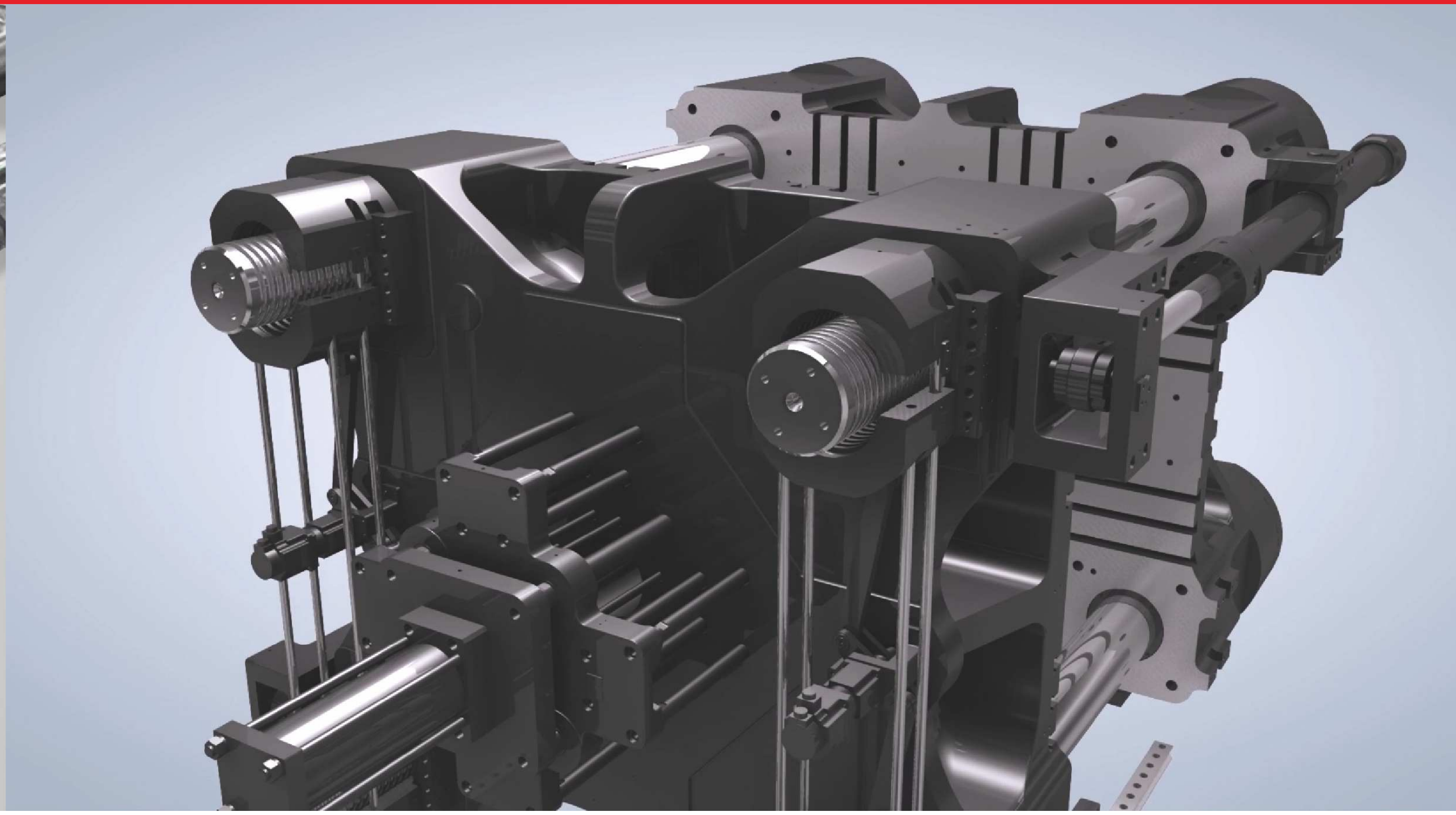








DK series two-platen injection moulding machine ten core strengths



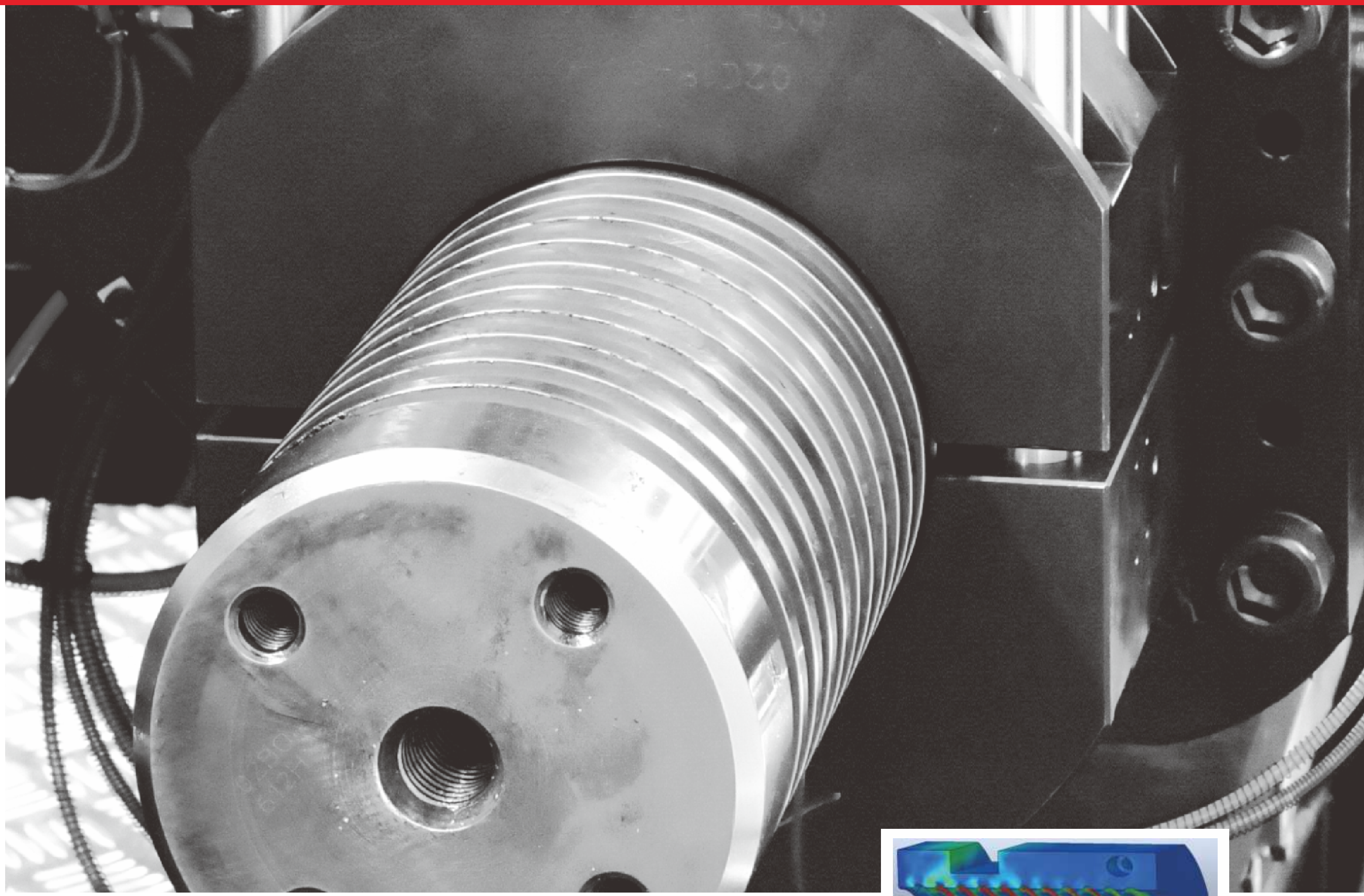
03 Break-resisting tie bar

- Originate form Germany design Plasticizing System, efficiency excess above 20% of domestic level (Common plastics such as ABS, PS, PP, etc).
- Custom made complicated technical requirement, applied to special plasticizing system.
- All series can fit with A\B\C screw, L/D ratio 23:1, to achieve the best plasticizing effect and efficiency.

04 Fast and smooth electrical locking system

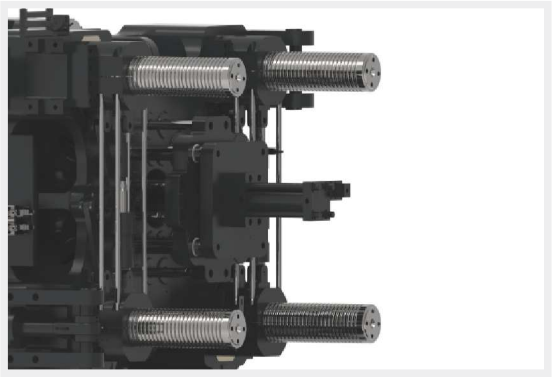
Adopt direct driving motor, high efficiency and energy saving.
Closed loop control, fast and accurate.
Left and right independent control, stable and reliable.
Easy to maintain, clean without stains.

DK series two-platen injection moulding machine, developed by the German chief engineer, reshapes the Chinese two-platen injection machine market.



05 Synchronized ejection (core)movement

simultaneous eject (core pulling) function as standard, improve machine cycle efficiency.

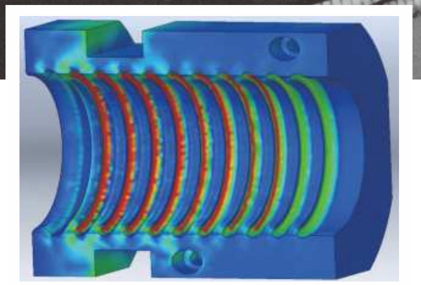


06 Special injection cylinder design

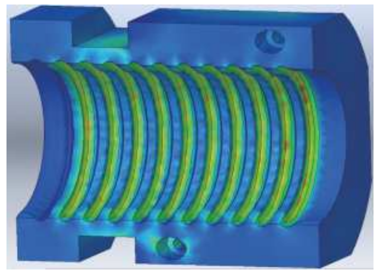
The new injection cylinder has extremely low oil return resistance and cooperates with the frame structure of the linear guide to reduce the friction of the injection part and greatly improve the control precision of the injection unit.

07 Tie bar clamp nut with progressive screw teeth design

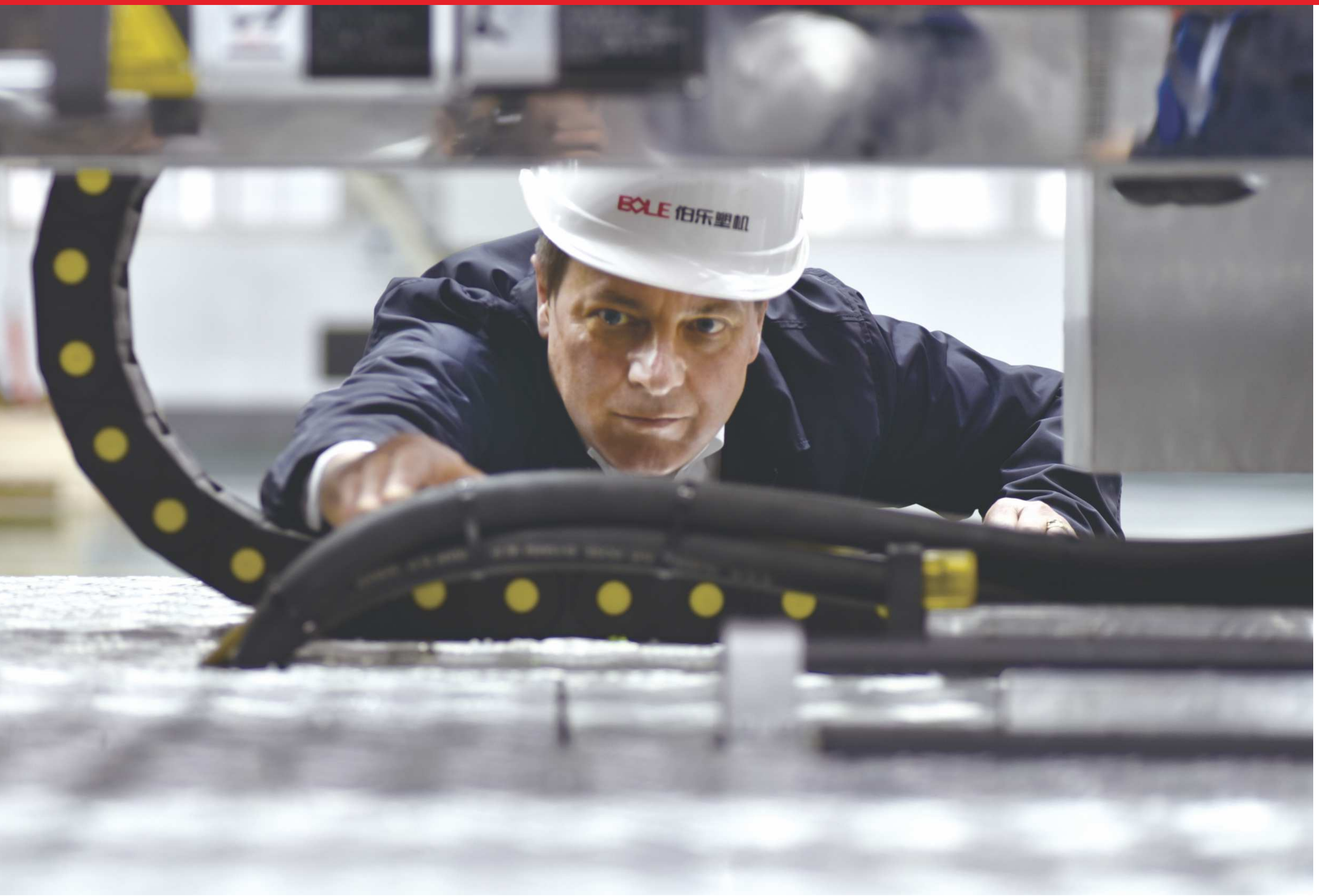
Each stress on even teeth, longer life time for locking nuts.



Same tooth spacing, force not even



Variable tooth spacing, force even



08 Independent oil filter and cooling system

Very compact and less space occupation. Stabilize the entire oil temperature without any other interruption, such as cycle time and other working elements.

09 Stable feeding zone temperature

The feed throat temperature is brought into the closed loop control of the temperature unit, thus the efficiency and precision of the whole injection molding unit are improved. To avoid low injection accuracy due to inconsistency and caking.

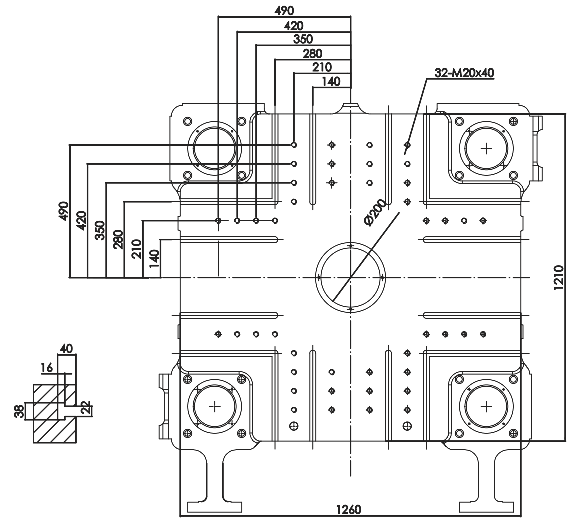
10 The injection pressure

The injection pressure gets feedback always, and the injection curve makes it easier for the customer to adjust the process of the product.

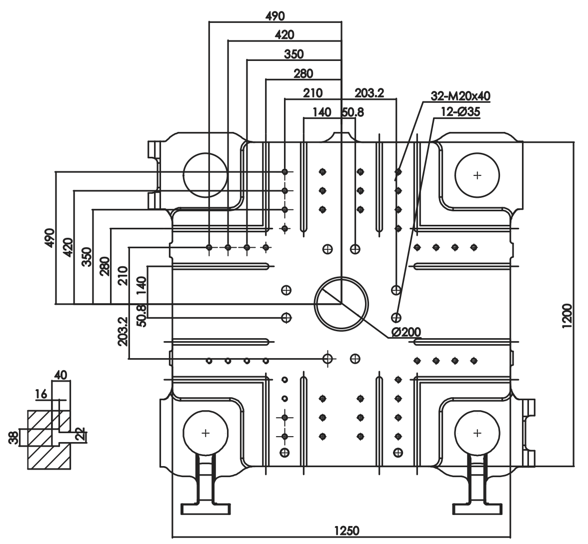
BL 520DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z2950		
Screw diameter	mm	70	75	85
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	1423	1634	2099
Max. Shot weight(PS)	g	1310	1503	1931
Max. Shot weight(PS)	oz	46	53	68
Max. Injection speed	mm/s	120		
Injection rate in to the air	cm^3/s	470	540	694
Injection rate in to the air(PS)	g/s	433	497	638
Specific Injection pressure	Mpa	212	185	144
Max. Screw speed	r/min	160		
Clamping Unit				
Clamping force	Ton	531		
Clamping force	kN	5200		
Size of mould platens(h×v)	mm x mm	1250×1200		
Clearance between tie bars(h×v)	mm x mm	860×810		
Opening stroke	mm	1100/600		
Min. mould height	mm	350		
Max. mould height	mm	850		
Max. daylight	mm	1450		
Ejector stroke	mm	250		
Ejector force forward	kN	124		
Ejector force back	kN	75		
Number of ejector rods	PC	13		
Driving and Heating				
Installed heater power	kW	27	29. 2	31. 4
Drive power	kW	42+30		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	600		
Max. mould weight	kg	6500		
Machine weight	ton	18		
Machine dimensions(L×W×H)	m x m x m	7. 39×2. 46×2. 68		

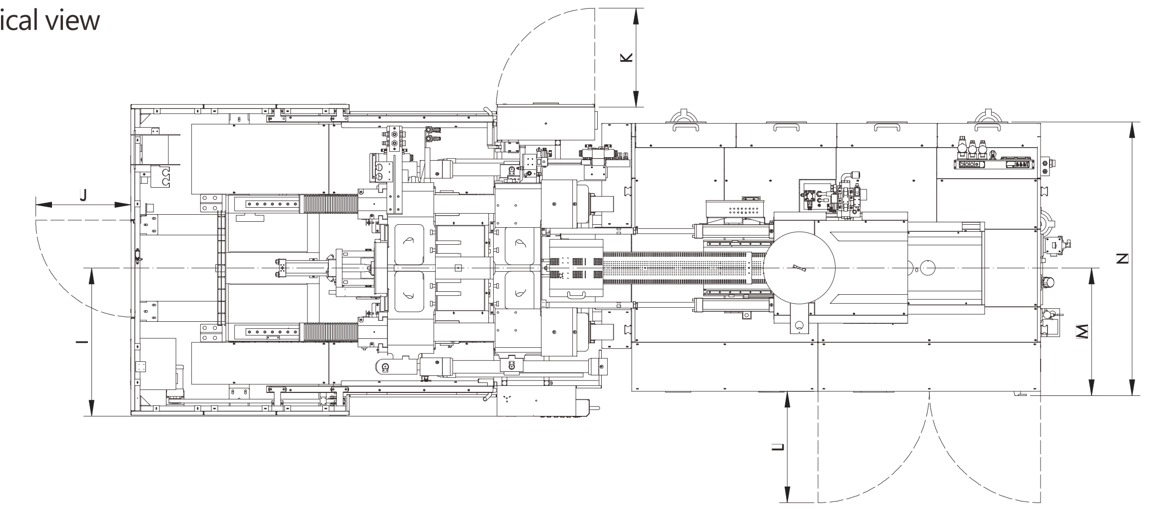
Dimensions of stationary platen



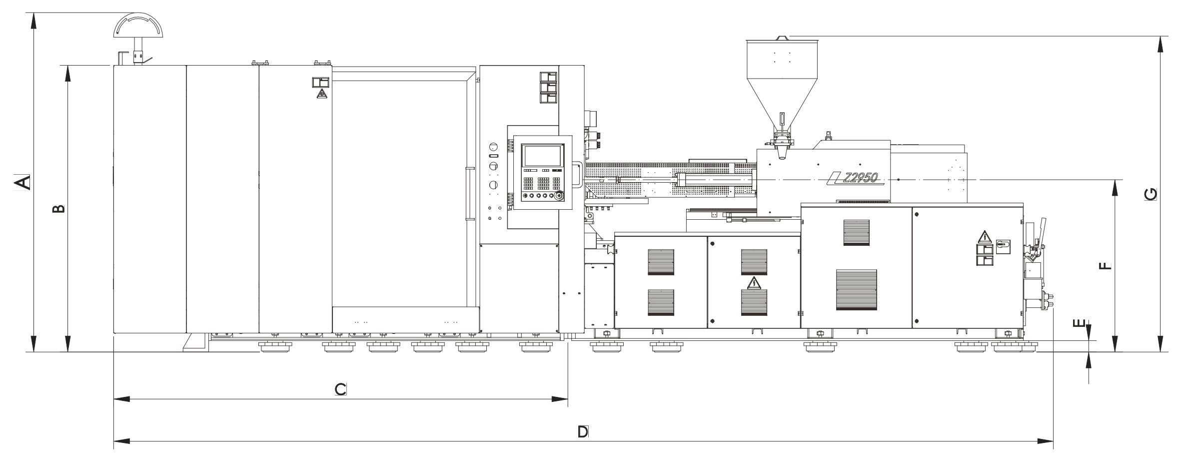
Dimensions of moving platen



Vertical view

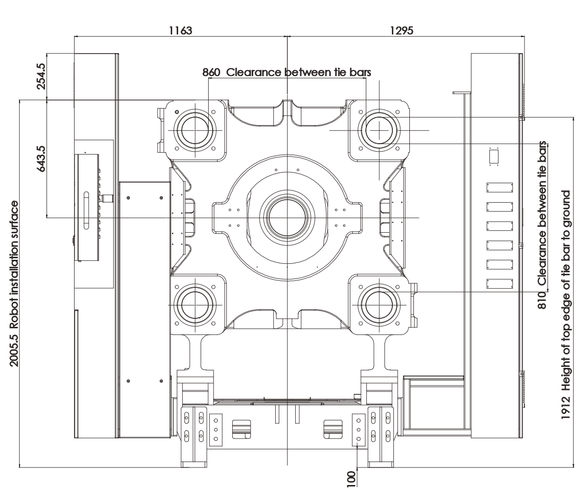


Main view

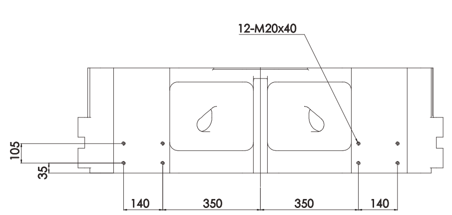


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL520DK	2675	2260	3571	7388	100	1362	2489	2458	1163	748	775	874	1001	2148

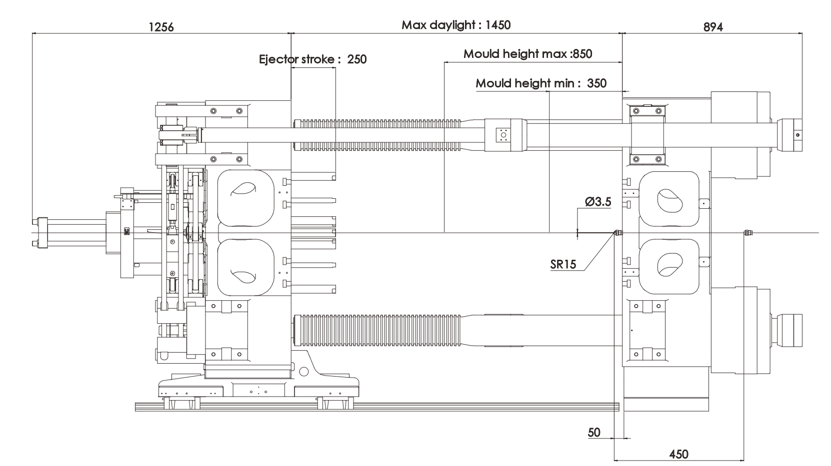
Robot installation dimensions



Robot installation dimensions on stationary platen



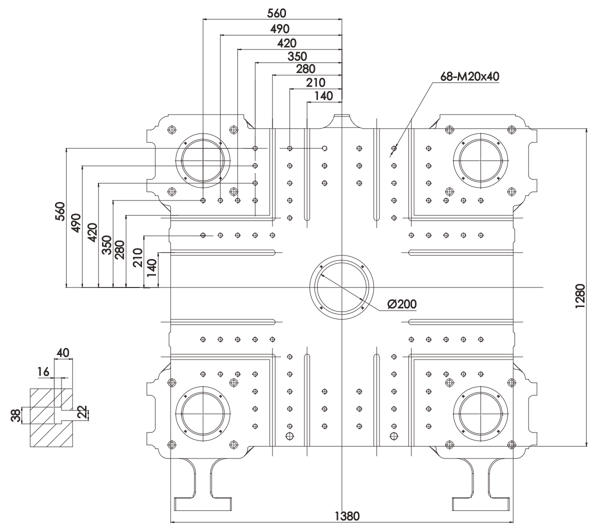
Clamping unit



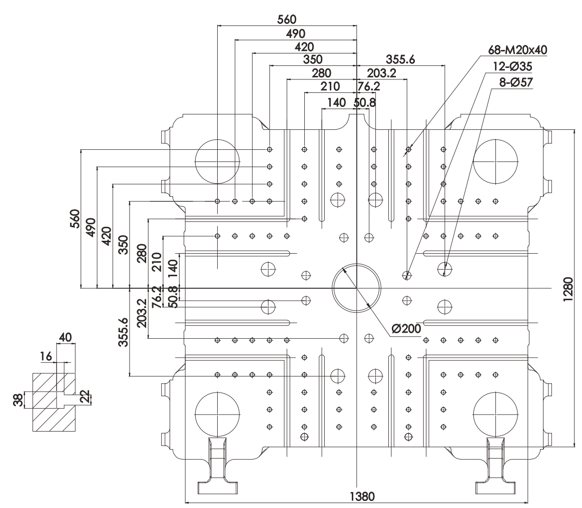
BL 650DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z3700		
Screw diameter	mm	75	80	90
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	1832	2085	2639
Max. Shot weight(PS)	g	1686	1918	2428
Max. Shot weight(PS)	oz	59	68	86
Max. Injection speed	mm/s	119		
Injection rate in to the air	cm^3/s	525	598	756
Injection rate in to the air(PS)	g/s	478	544	688
Specific Injection pressure	Mpa	204	179	142
Max. Screw speed	r/min	147		
Clamping Unit				
Clamping force	Ton	663		
Clamping force	kN	6500		
Size of mould platens(h×v)	mm x mm	1380×1280		
Clearance between tie bars(h×v)	mm x mm	960×860		
Opening stroke	mm	1300/750		
Min. mould height	mm	350		
Max. mould height	mm	900		
Max. daylight	mm	1650		
Ejector stroke	mm	250		
Ejector force forward	kN	124		
Ejector force back	kN	75		
Number of ejector rods	PC	21		
Driving and Heating				
Installed heater power	kW	32	35. 5	37. 5
Drive power	kW	42+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	800		
Max. mould weight	kg	8000		
Machine weight	ton	22		
Machine dimensions(L×W×H)	m x m x m	7. 75×2. 57×2. 96		

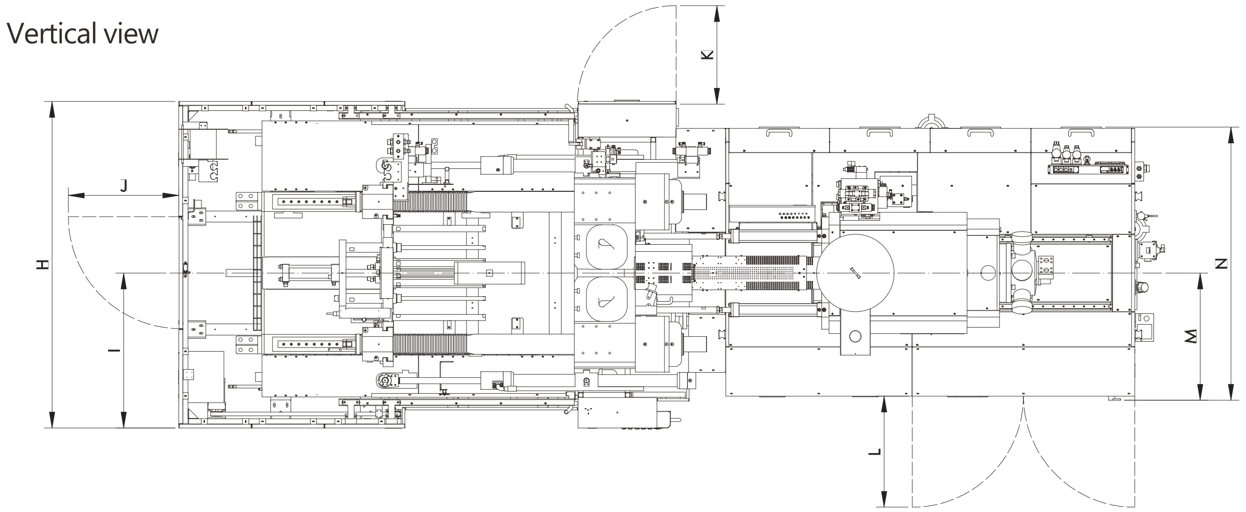
Dimensions of stationary platen



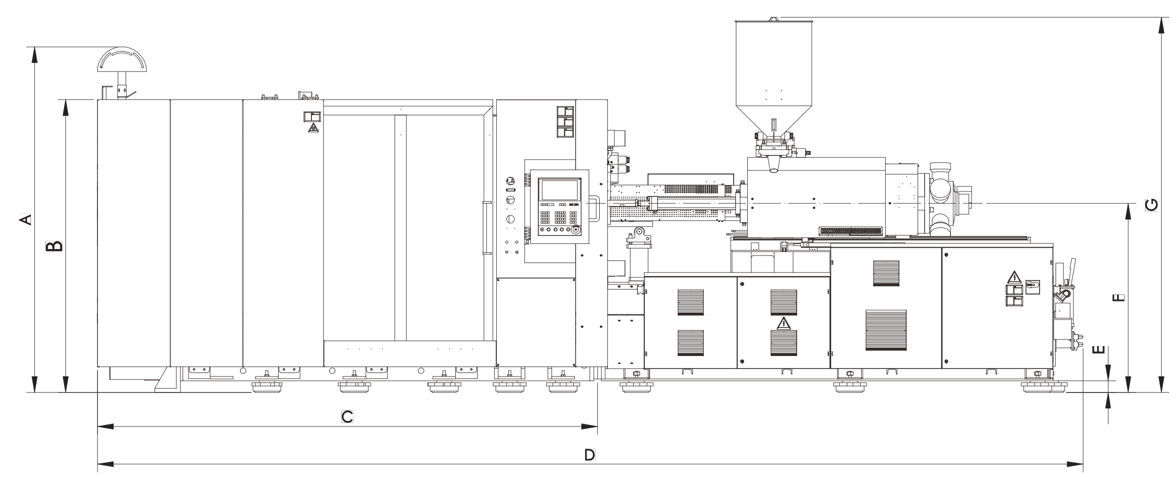
Dimensions of moving platen



Vertical view

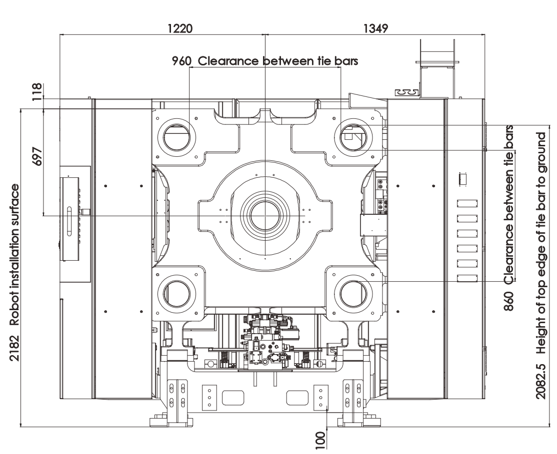


Main view

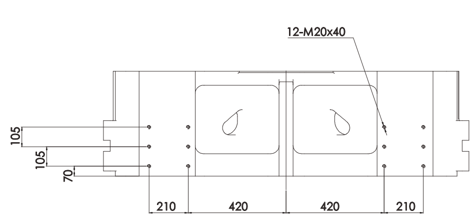


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL650DK	2715	2300	3931	7748	100	1485	2957	2569	1219	868	775	874	1001	2148

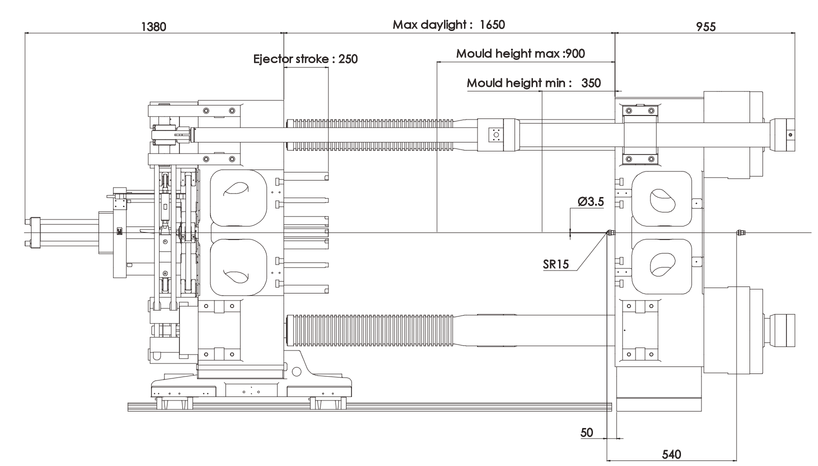
Robot installation dimensions



Robot installation dimensions on stationary platen



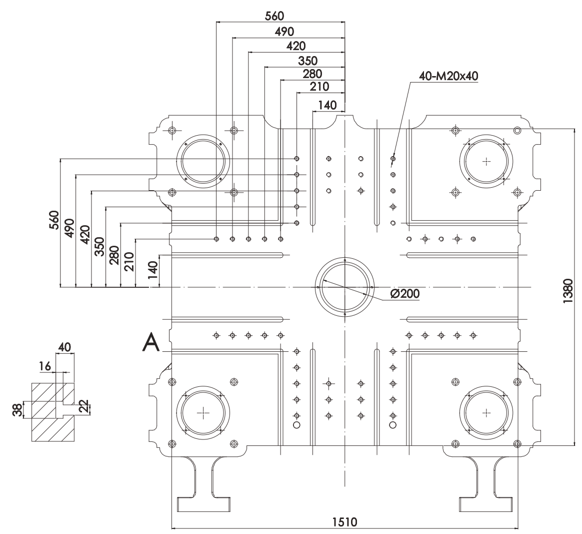
Clamping unit



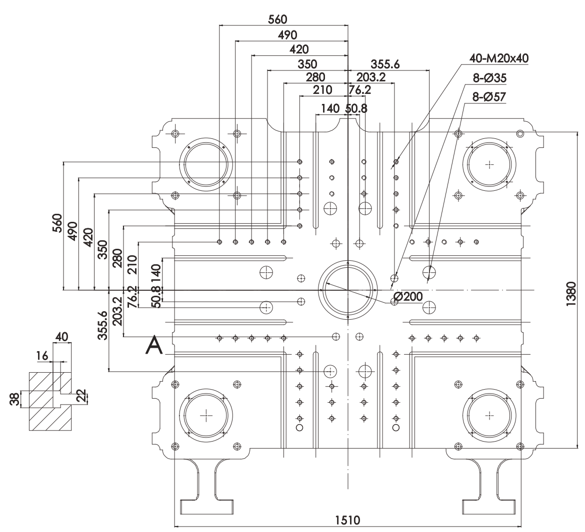
BL 800DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z4800		
Screw diameter	mm	80	85	90
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	2286	2581	2893
Max. Shot weight(PS)	g	2103	2374	2662
Max. Shot weight(PS)	oz	74	84	94
Max. Injection speed	mm/s	116		
Injection rate in to the air	cm^3/s	583	659	738
Injection rate in to the air(PS)	g/s	536	599	672
Specific Injection pressure	Mpa	210	186	166
Max. Screw speed	r/min	140		
Clamping Unit				
Clamping force	Ton	816		
Clamping force	kN	8000		
Size of mould platens(h×v)	mm x mm	1510×1380		
Clearance between tie bars(h×v)	mm x mm	1060×920		
Opening stroke	mm	1400/800		
Min. mould height	mm	400		
Max. mould height	mm	1000		
Max. daylight	mm	1800		
Ejector stroke	mm	280		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	17		
Driving and Heating				
Installed heater power	kW	36	38. 3	40. 6
Drive power	kW	50+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	900		
Max. mould weight	kg	9500		
Machine weight	ton	26		
Machine dimensions(L×W×H)	m x m x m	8.35×2.93×2.95		

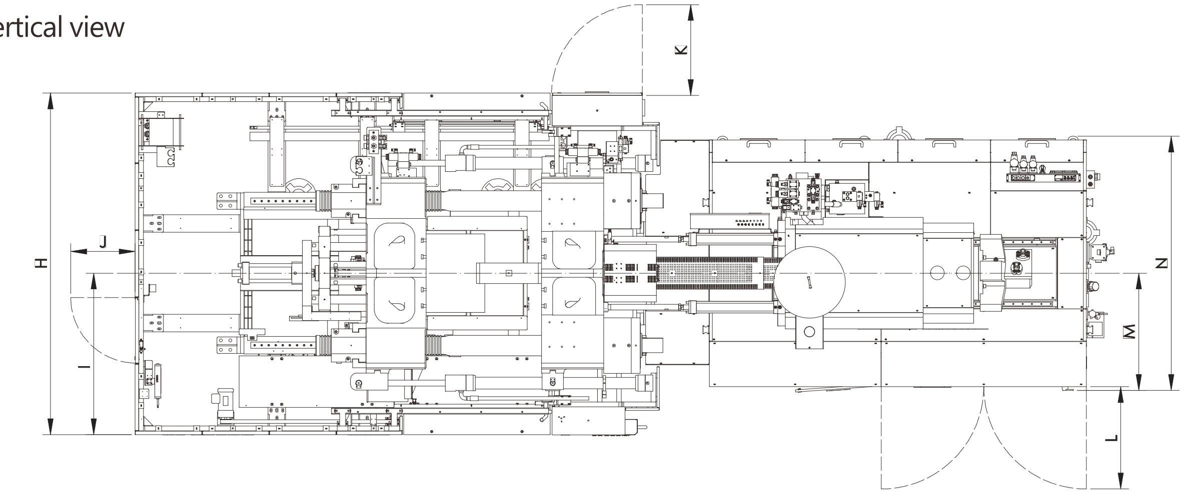
Dimensions of stationary platen



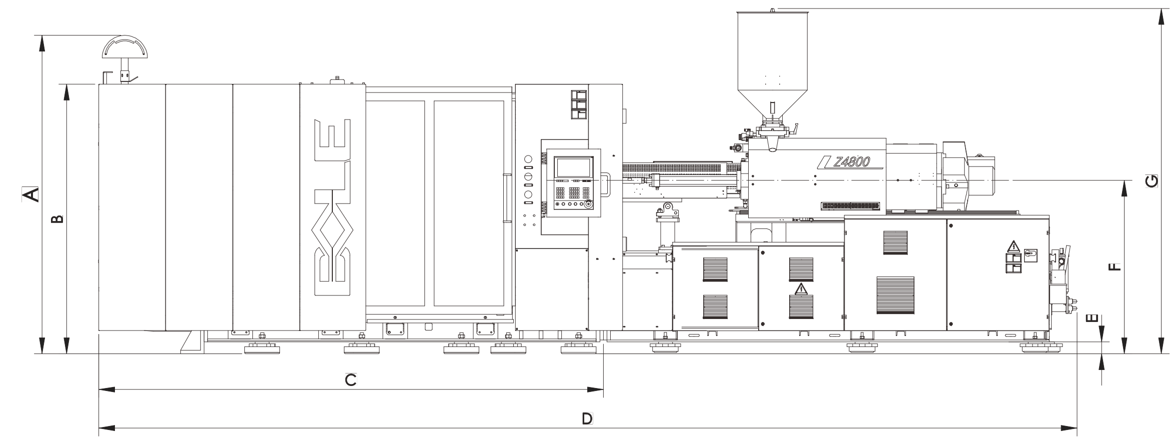
Dimensions of moving platen



Vertical view

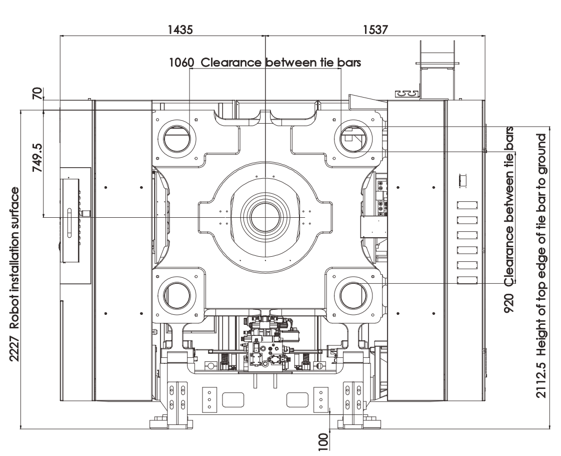


Main view

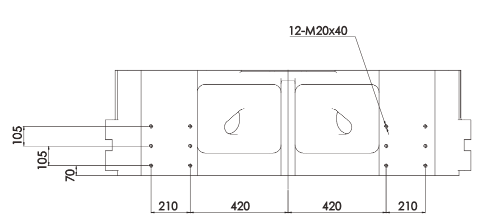


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL800DK	2714	2297	4304	8345	100	1477.5	2943	2930	1380	548	775	874	1000	2170

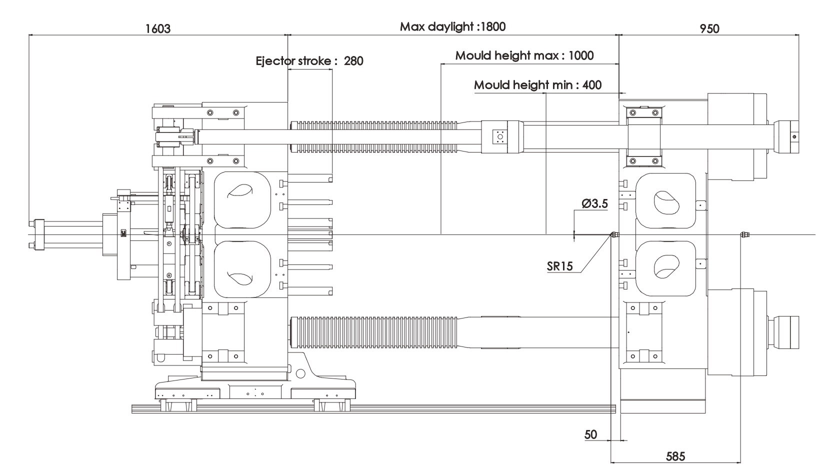
Robot installation dimensions



Robot installation dimensions on stationary platen



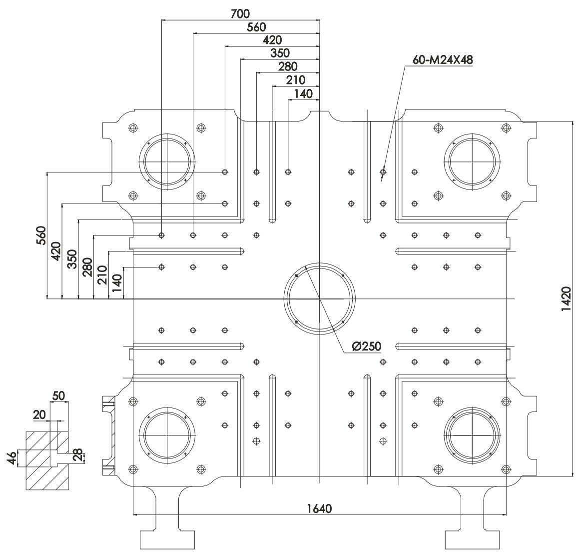
Clamping unit



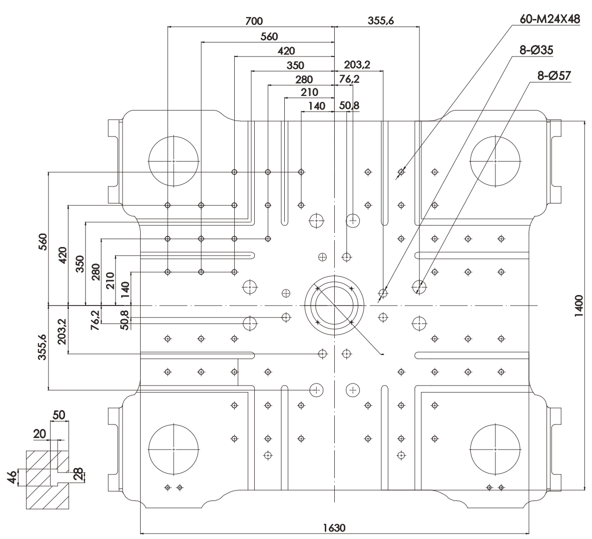
BL 850DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z5900		
Screw diameter	mm	80	90	100
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	2512	3179	3925
Max. Shot weight(PS)	g	2311	2925	3611
Max. Shot weight(PS)	oz	82	103	127
Max. Injection speed	mm/s	106		
Injection rate in to the air	cm^3/s	533	675	833
Injection rate in to the air(PS)	g/s	490	621	766
Specific Injection pressure	Mpa	230	182	147
Max. Screw speed	r/min	135		
Clamping Unit				
Clamping force	Ton	867		
Clamping force	kN	8500		
Size of mould platens(h×v)	mm x mm	1630×1400		
Clearance between tie bars(h×v)	mm x mm	1160×910		
Opening stroke	mm	1600/950		
Min. mould height	mm	450		
Max. mould height	mm	1100		
Max. daylight	mm	2050		
Ejector stroke	mm	280		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	17		
Driving and Heating				
Installed heater power	kW	43	48. 5	54
Drive power	kW	50+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1000		
Max. mould weight	kg	12000		
Machine weight	ton	30		
Machine dimensions(L×W×H)	m x m x m	9.15×3.19×3.06		

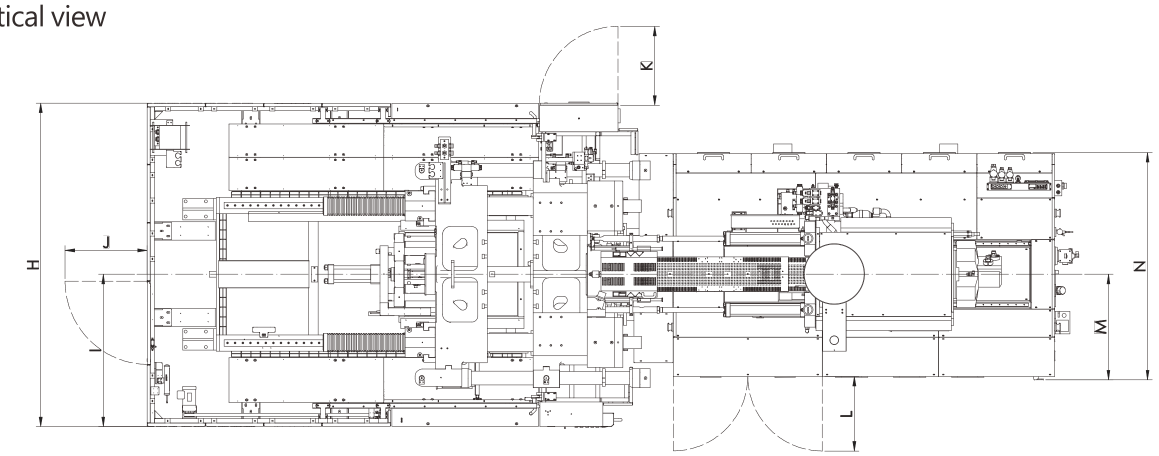
Dimensions of stationary platen



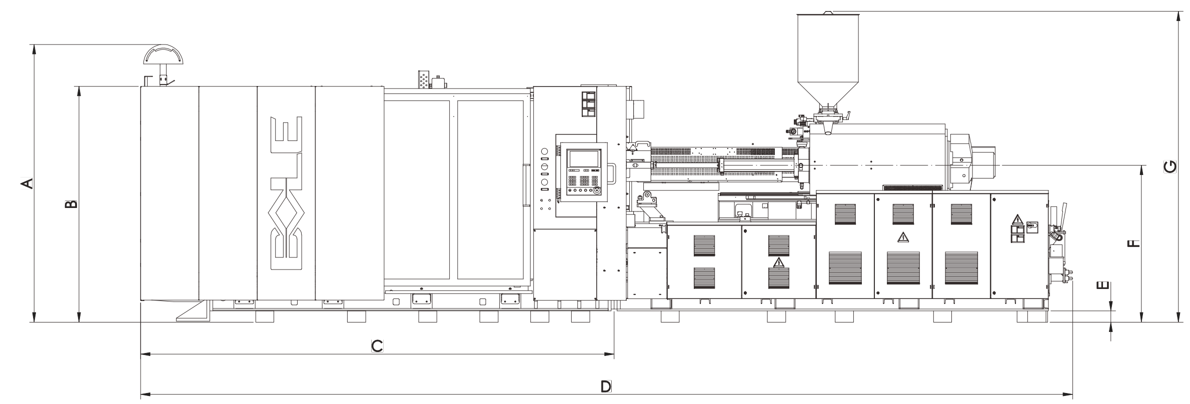
Dimensions of moving platen



Vertical view

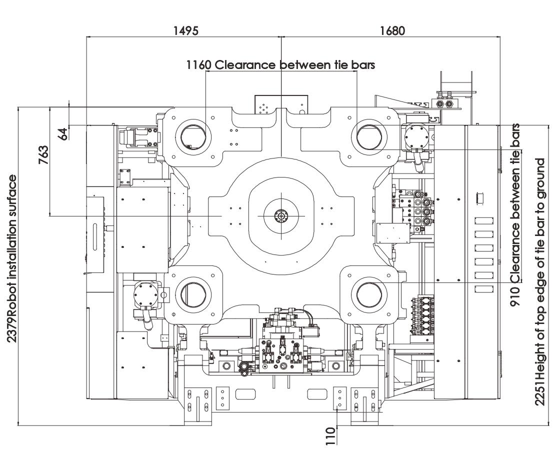


Main view

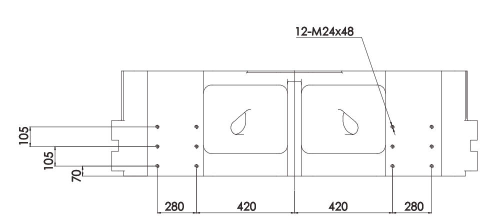


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL850DK-W	2728	2316	4649	9151	110	1541	3054	3185	1496	806	775	731	1037	2232

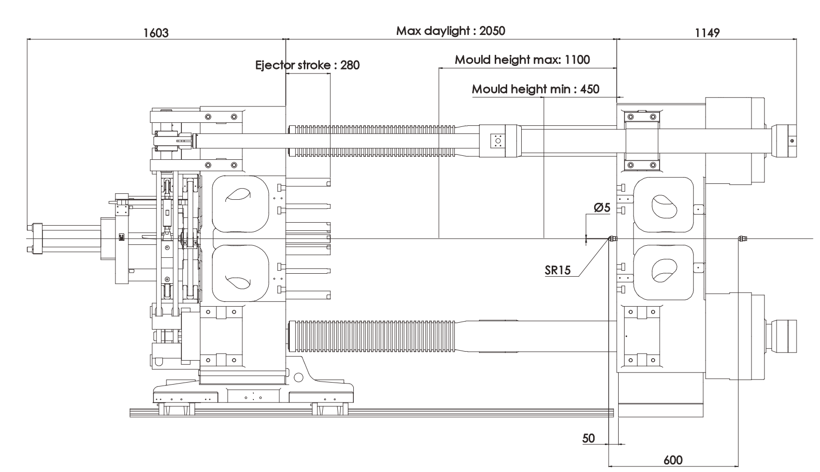
Robot installation dimensions



Robot installation dimensions on stationary platen



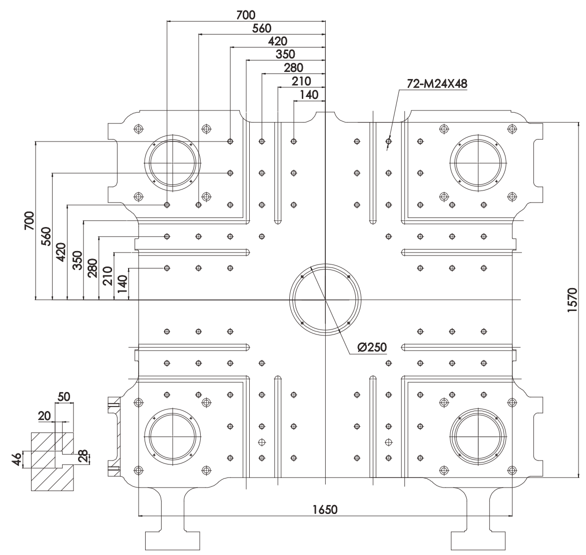
Clamping unit



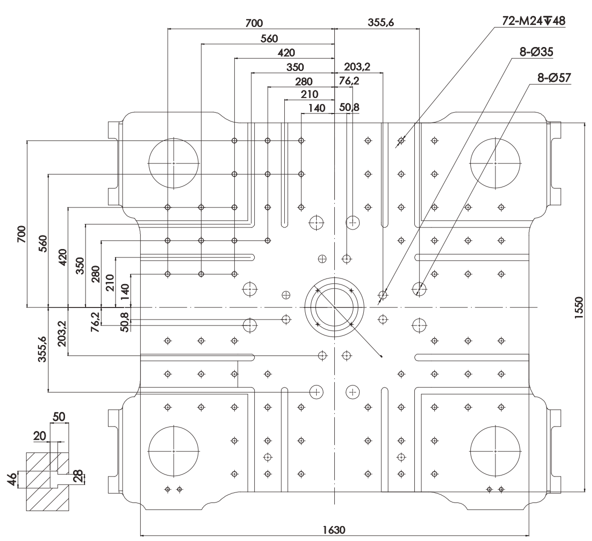
BL 1000DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		**Z5900**		
Screw diameter	mm	80	90	100
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	2512	3179	3925
Max. Shot weight(PS)	g	2311	2925	3611
Max. Shot weight(PS)	oz	82	103	127
Max. Injection speed	mm/s	106		
Injection rate in to the air	cm^3/s	533	675	833
Injection rate in to the air(PS)	g/s	490	621	766
Specific Injection pressure	Mpa	230	182	147
Max. Screw speed	r/min	135		
Clamping Unit				
Clamping force	Ton	1020		
Clamping force	kN	10000		
Size of mould platens(h×v)	mm x mm	1630×1550		
Clearance between tie bars(h×v)	mm x mm	1160×1020		
Opening stroke	mm	1600/950		
Min. mould height	mm	450		
Max. mould height	mm	1100		
Max. daylight	mm	2050		
Ejector stroke	mm	280		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	17		
Driving and Heating				
Installed heater power	kW	43	48. 5	54
Drive power	kW	50+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1000		
Max. mould weight	kg	12000		
Machine weight	ton	35		
Machine dimensions(L×W×H)	m x m x m	9.15×3.19×3.13		

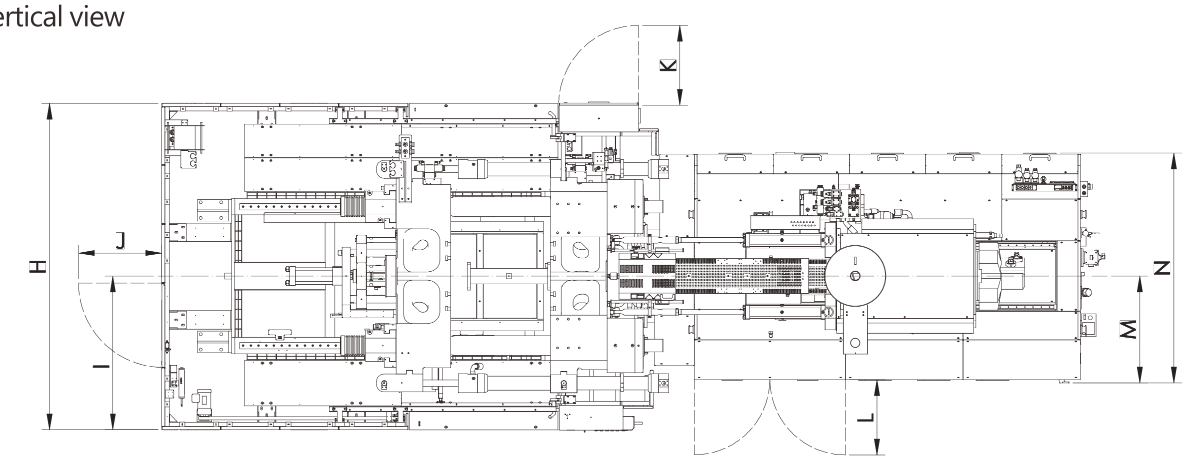
Dimensions of stationary platen



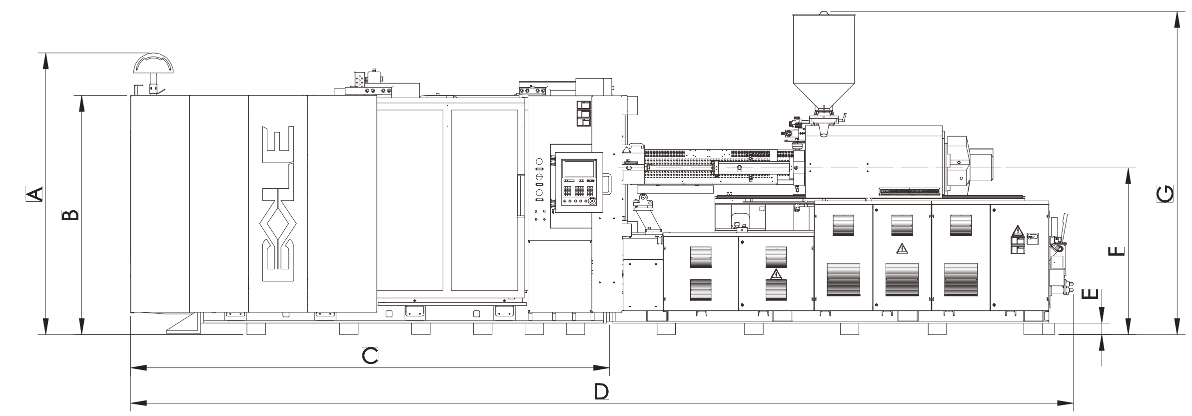
Dimensions of moving platen



Vertical view

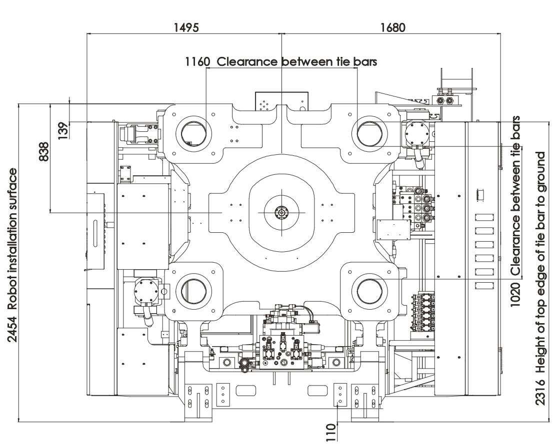


Main view

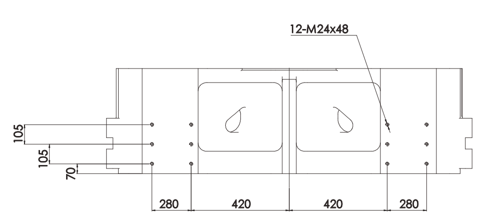


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL1000DK	2728	2316	4649	9151	110	1616	3129	3185	1495	806	775	731	1037	2232

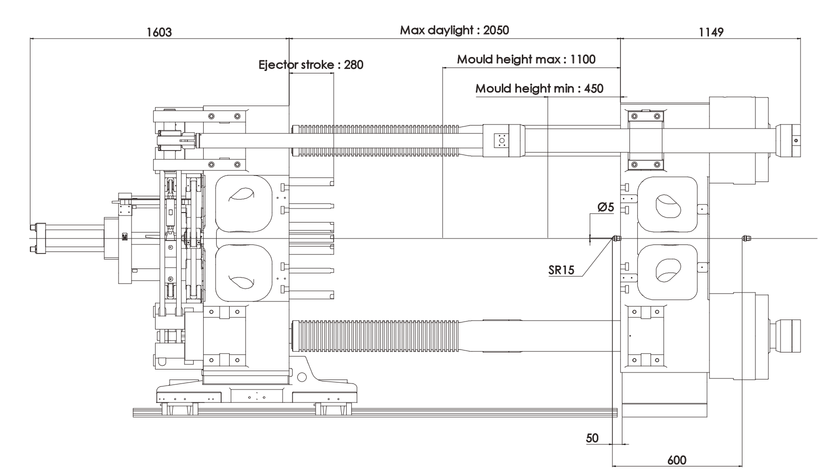
Robot installation dimensions



Robot installation dimensions on stationary platen



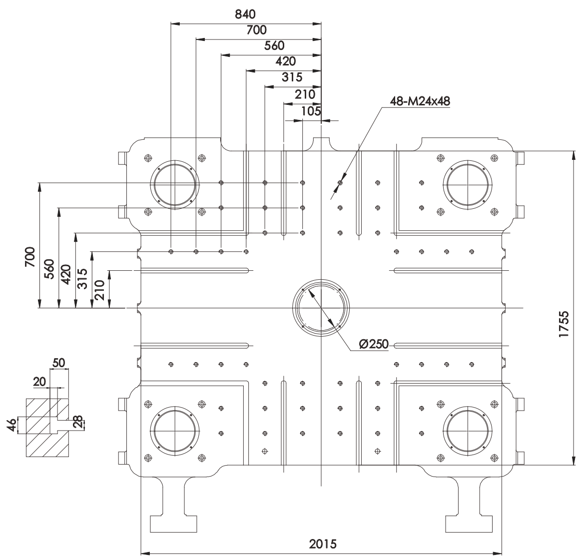
Clamping unit



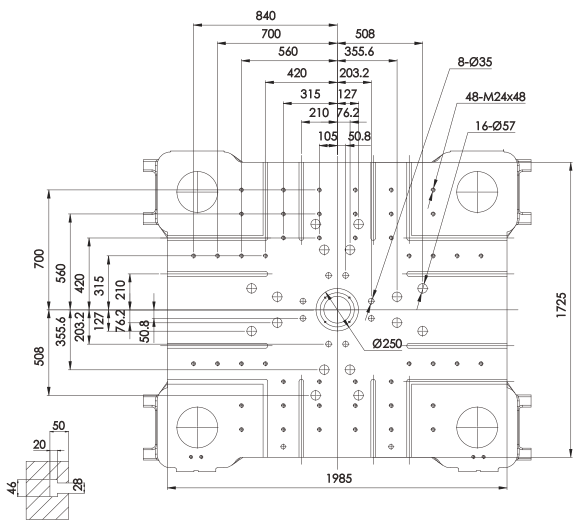
BL 1050DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z7900		
Screw diameter	mm	90	100	110
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	3467	4280	5180
Max. Shot weight(PS)	g	3189	3938	4765
Max. Shot weight(PS)	oz	112	138	168
Max. Injection speed	mm/s	104		
Injection rate in to the air	cm^3/s	666	822	995
Injection rate in to the air(PS)	g/s	612	756	915
Specific Injection pressure	Mpa	230	186	154
Max. Screw speed	r/min	120		
Clamping Unit				
Clamping force	Ton	1071		
Clamping force	kN	10500		
Size of mould platens(h×v)	mm x mm	1985×1725		
Clearance between tie bars(h×v)	mm x mm	1440×1180		
Opening stroke	mm	2270/1550		
Min. mould height	mm	580		
Max. mould height	mm	1350		
Max. daylight	mm	2850		
Ejector stroke	mm	320		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	50	54. 2	58. 4
Drive power	kW	50+17+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1100		
Max. mould weight	kg	15000		
Machine weight	ton	49		
Machine dimensions(L×W×H)	m x m x m	10.78×3.52×3.2		

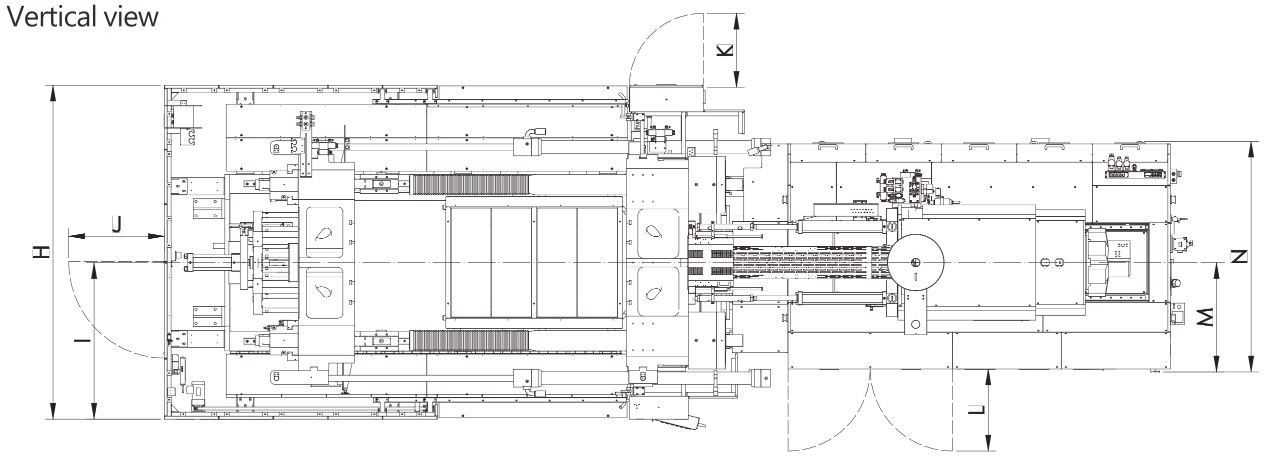
Dimensions of stationary platen



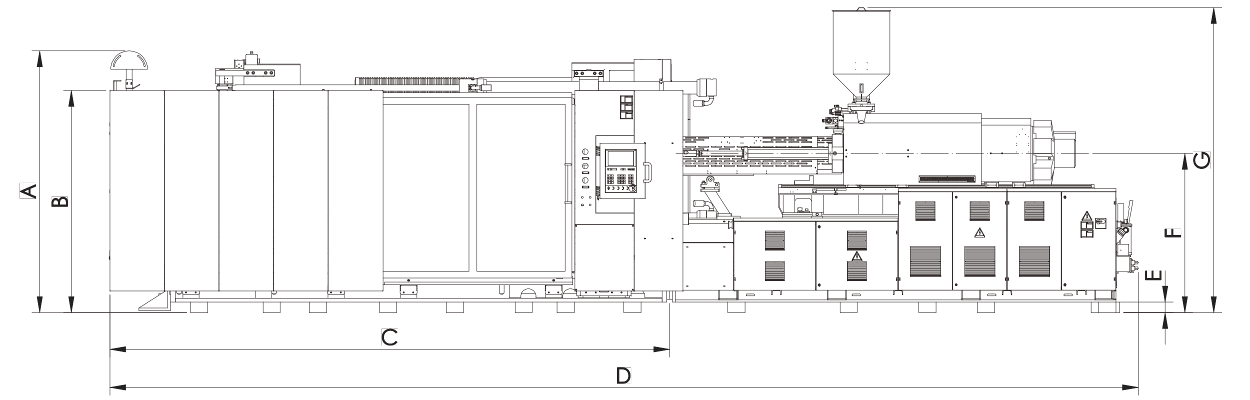
Dimensions of moving platen



Vertical view

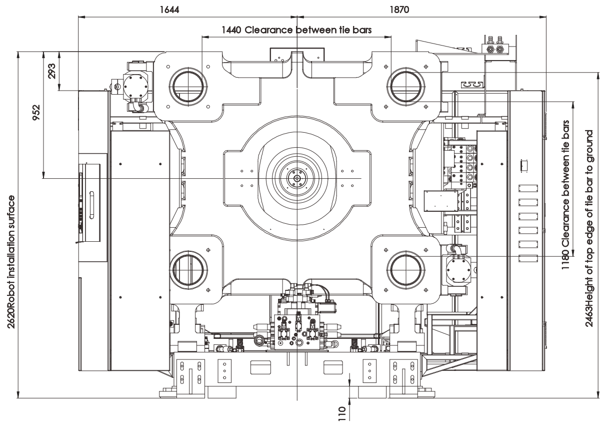


Main view

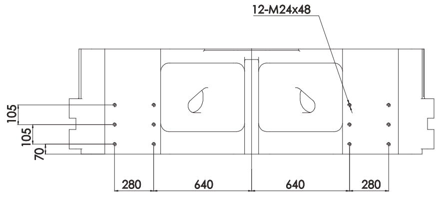


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL1050DK-W	2743	2327	5865	10777	110	1668	3195	3514	1642	1000	775	861	1148	2419

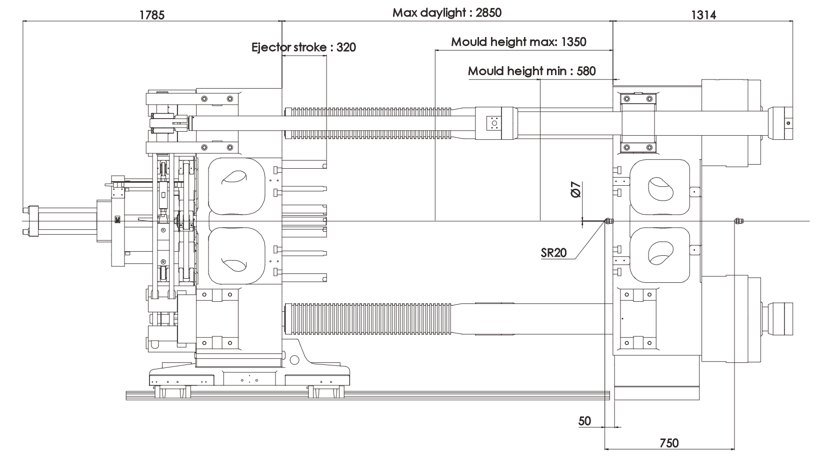
Robot installation dimensions



Robot installation dimensions on stationary platen



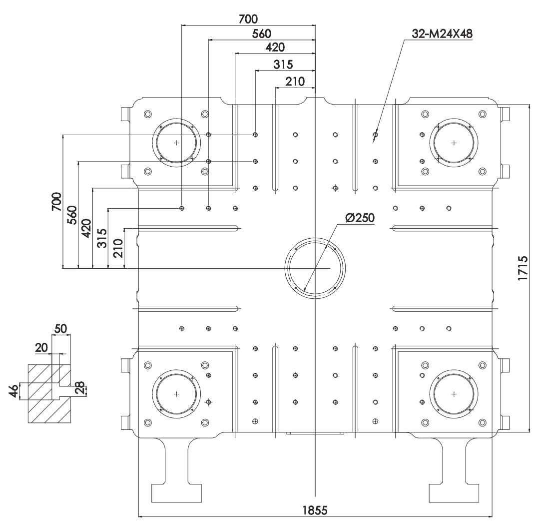
Clamping unit



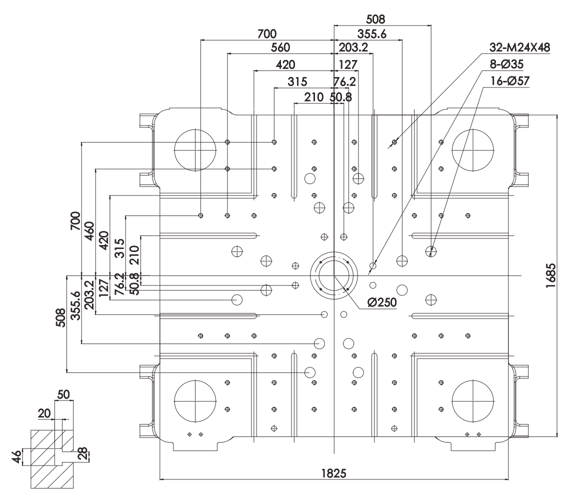
BL 1100DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z7900		
Screw diameter	mm	90	100	110
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	3467	4280	5180
Max. Shot weight(PS)	g	3189	3938	4765
Max. Shot weight(PS)	oz	112	138	168
Max. Injection speed	mm/s	104		
Injection rate in to the air	cm³/s	666	822	995
Injection rate in to the air(PS)	g/s	612	756	915
Specific Injection pressure	Mpa	230	186	154
Max. Screw speed	r/min	120		
Clamping Unit				
Clamping force	Ton	1122		
Clamping force	kN	11000		
Size of mould platens(h×v)	mm x mm	1825×1685		
Clearance between tie bars(h×v)	mm x mm	1260×1120		
Opening stroke	mm	1870/1150		
Min. mould height	mm	480		
Max. mould height	mm	1200		
Max. daylight	mm	2350		
Ejector stroke	mm	320		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	50	54. 2	58. 4
Drive power	kW	50+17+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1100		
Max. mould weight	kg	15000		
Machine weight	ton	45		
Machine dimensions(L×W×H)	m x m x m	10.18×3.31×3.17		

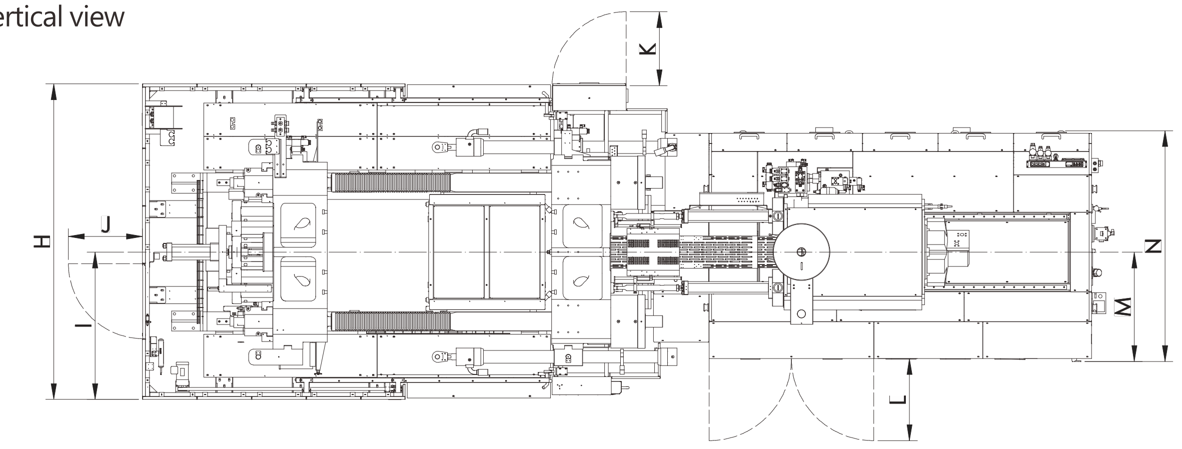
Dimensions of stationary platen



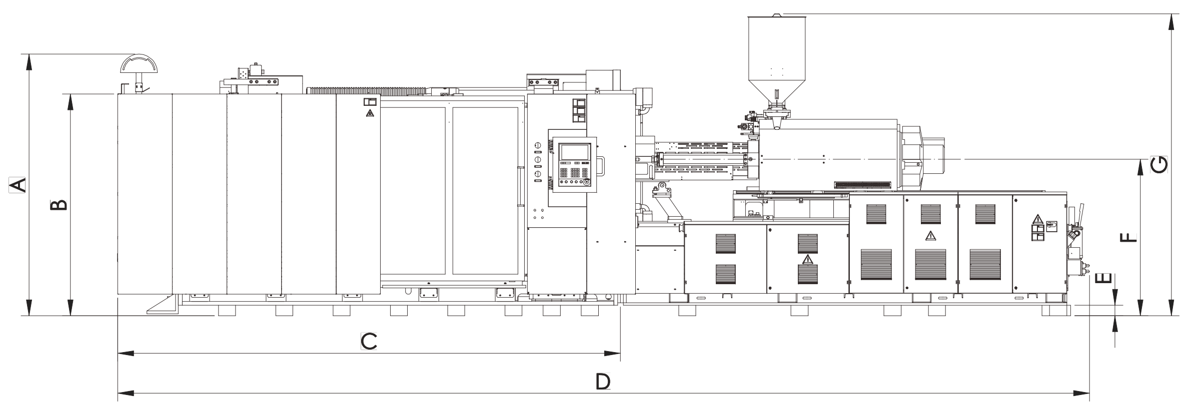
Dimensions of moving platen



Vertical view

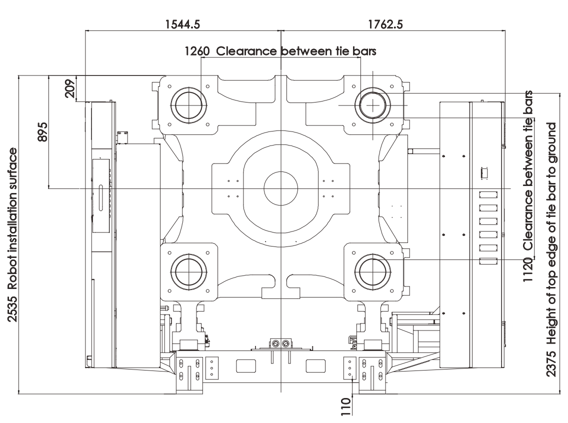


Main view

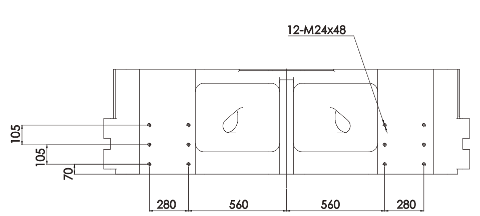


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL1100DK	2744	2327	5265	10177	110	1640	3167	3307	1545	775	775	861	1148	2419

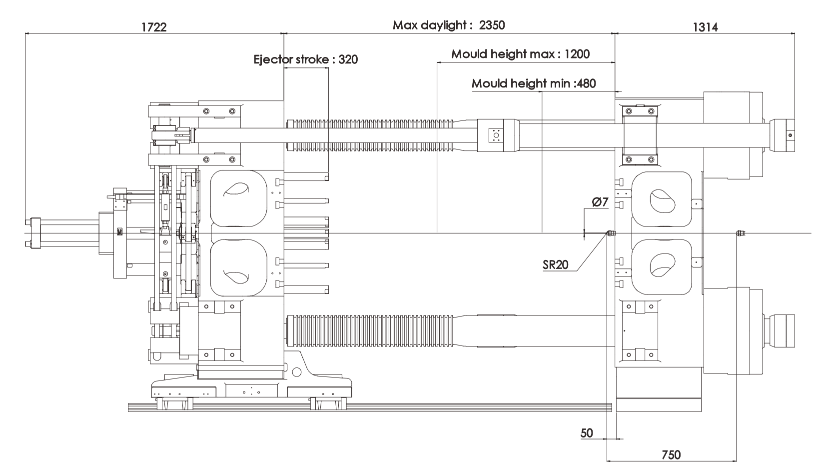
Robot installation dimensions



Robot installation dimensions on stationary platen



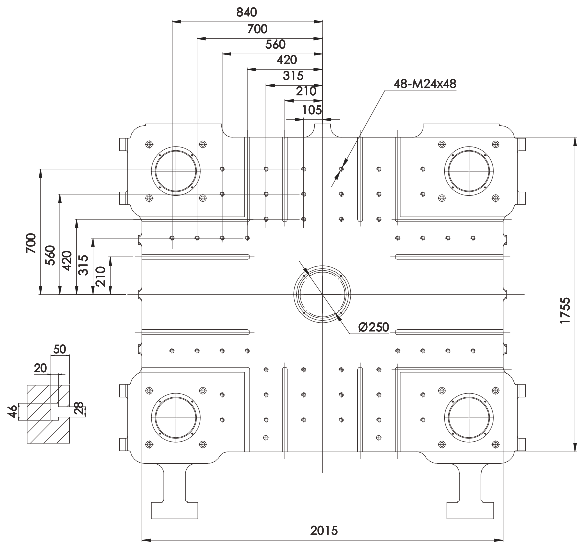
Clamping unit



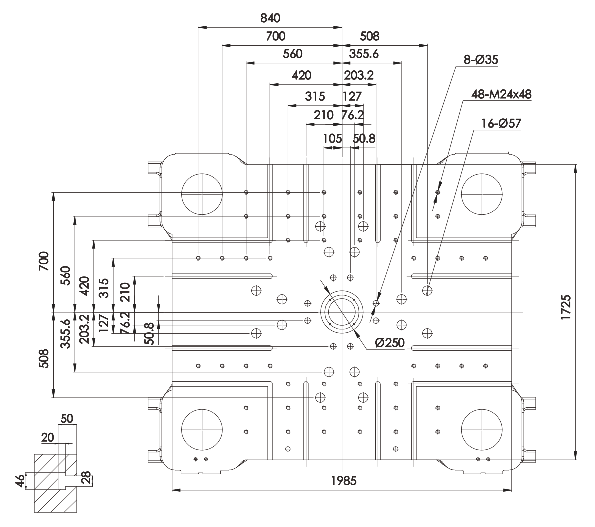
BL 1200DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z7900		
Screw diameter	mm	90	100	110
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	3467	4280	5180
Max. Shot weight(PS)	g	3189	3938	4765
Max. Shot weight(PS)	oz	112	138	168
Max. Injection speed	mm/s	104		
Injection rate in to the air	cm^3/s	666	822	995
Injection rate in to the air(PS)	g/s	612	756	915
Specific Injection pressure	Mpa	230	186	154
Max. Screw speed	r/min	120		
Clamping Unit				
Clamping force	Ton	1224		
Clamping force	kN	12000		
Size of mould platens(h×v)	mm x mm	1985×1725		
Clearance between tie bars(h×v)	mm x mm	1420×1160		
Opening stroke	mm	2270/1500		
Min. mould height	mm	580		
Max. mould height	mm	1350		
Max. daylight	mm	2850		
Ejector stroke	mm	320		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	50	54. 2	58. 4
Drive power	kW	50+17+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1100		
Max. mould weight	kg	15000		
Machine weight	ton	49		
Machine dimensions(L×W×H)	m x m x m	10.78×3.52×3.2		

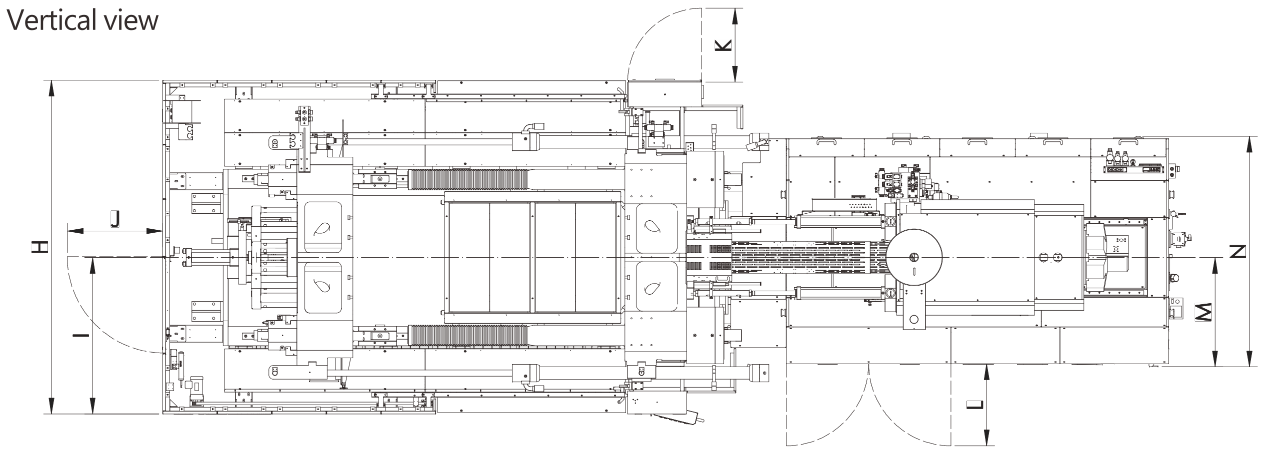
Dimensions of stationary platen



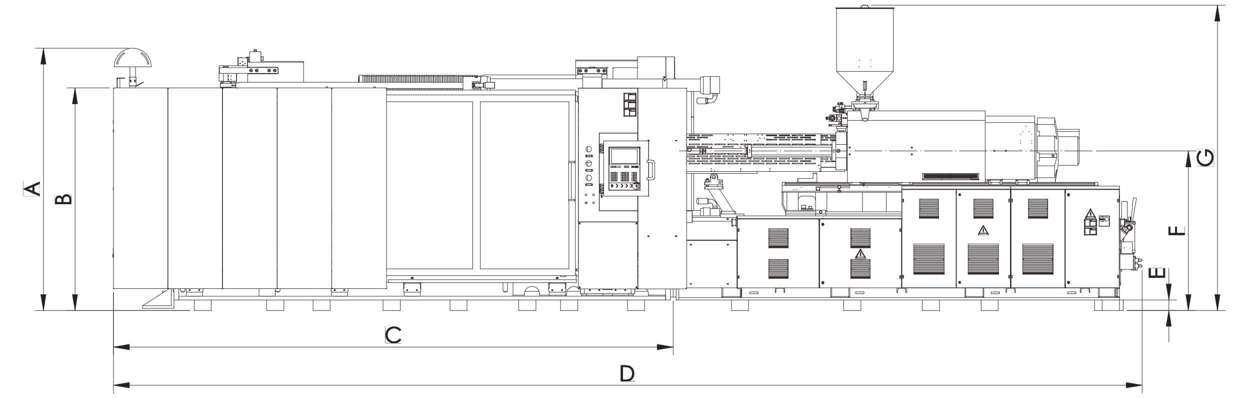
Dimensions of moving platen



Vertical view

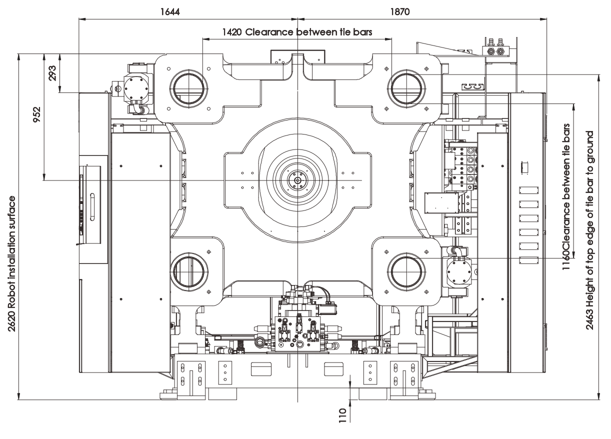


Main view

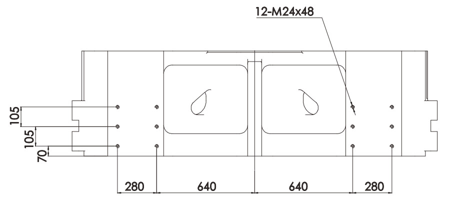


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BL1200DK-W	2743	2327	5865	10777	110	1668	3195	3514	1642	1000	775	861	1148	2419

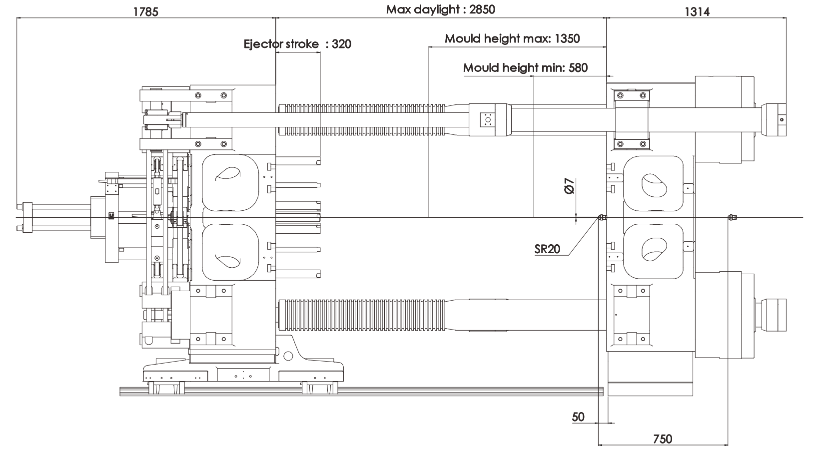
Robot installation dimensions



Robot installation dimensions on stationary platen



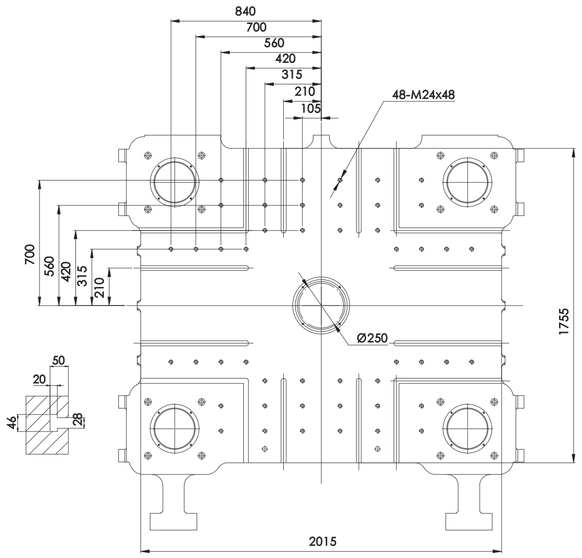
Clamping unit



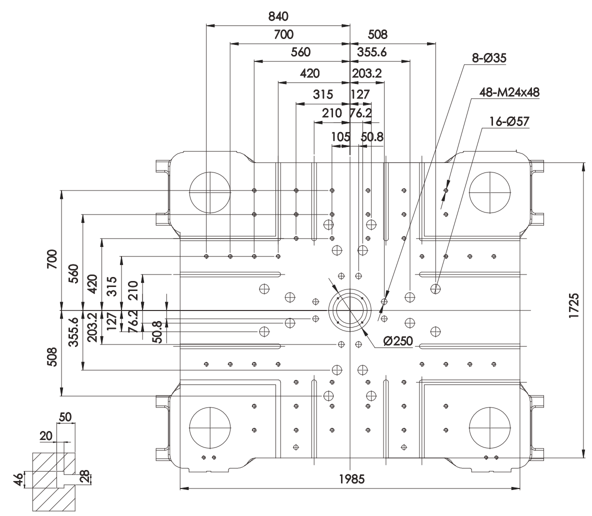
BL 1300DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		**Z10000**		
Screw diameter	mm	100	110	120
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	4671	5652	6726
Max. Shot weight(PS)	g	4297	5199	6188
Max. Shot weight(PS)	oz	152	184	219
Max. Injection speed	mm/s	104		
Injection rate in to the air	cm^3/s	820	992	1180
Injection rate in to the air(PS)	g/s	746	902	1074
Specific Injection pressure	Mpa	215	178	149
Max. Screw speed	r/min	105		
Clamping Unit				
Clamping force	Ton	1327		
Clamping force	kN	13000		
Size of mould platens(h×v)	mm x mm	1985×1725		
Clearance between tie bars(h×v)	mm x mm	1420×1160		
Opening stroke	mm	2270/1500		
Min. mould height	mm	580		
Max. mould height	mm	1350		
Max. daylight	mm	2850		
Ejector stroke	mm	320		
Ejector force forward	kN	232		
Ejector force back	kN	155		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	56.2	60.4	62.4
Drive power	kW	50+21+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1100		
Max. mould weight	kg	15000		
Machine weight	ton	52		
Machine dimensions(L×W×H)	m x m x m	10.78×3.52×3.64		

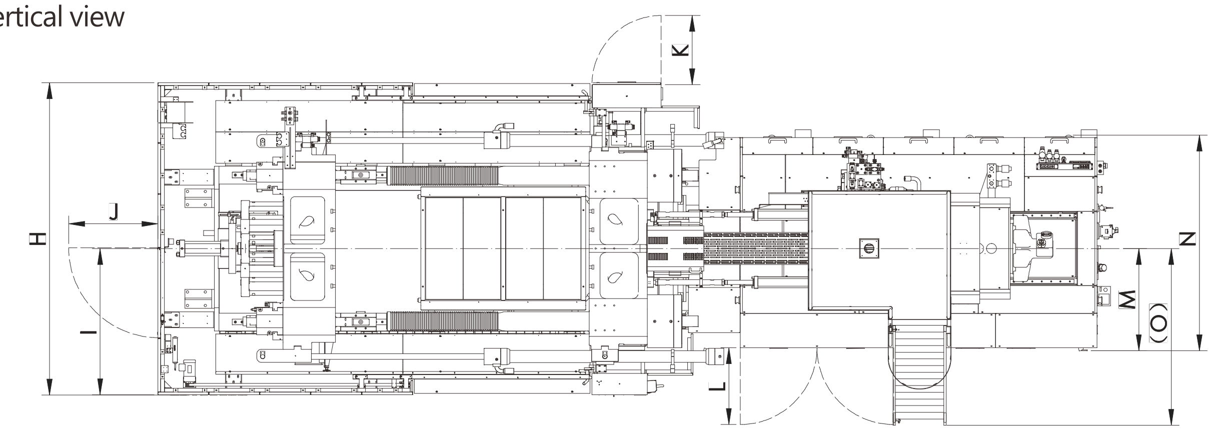
Dimensions of stationary platen



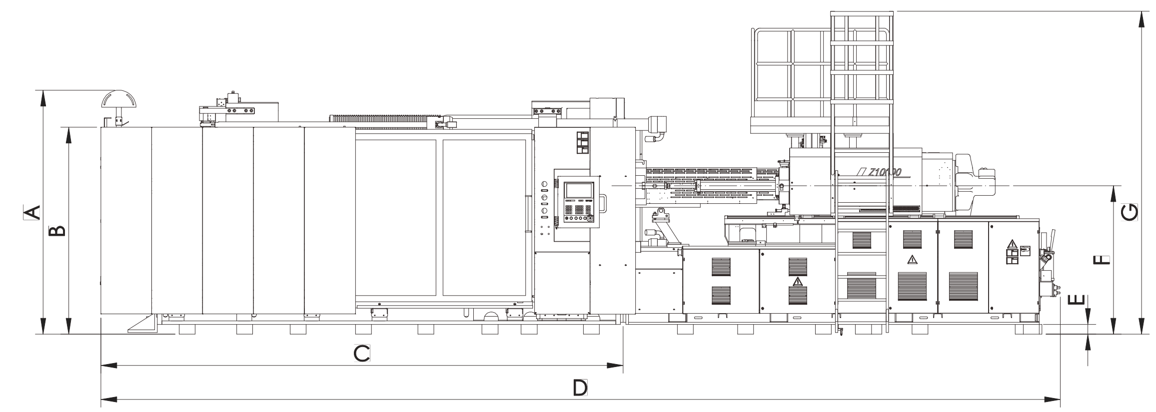
Dimensions of moving platen



Vertical view

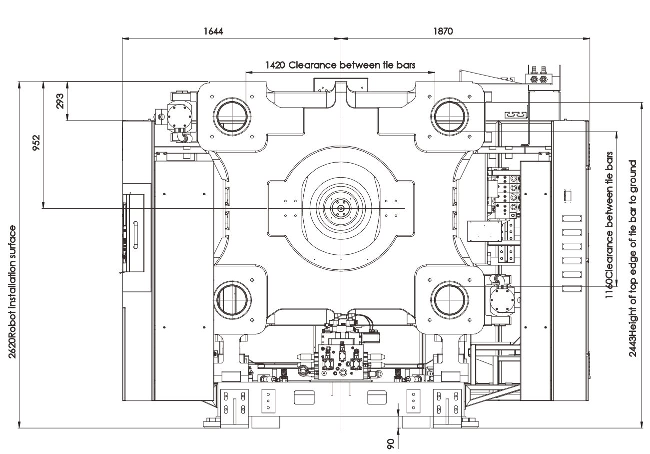


Main view

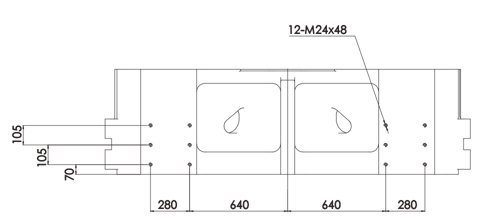


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
BL1300DK-W	2743	2327	5865	10777	110	1668	3632	3514	1642	1000	775	586	1147	2419	1983

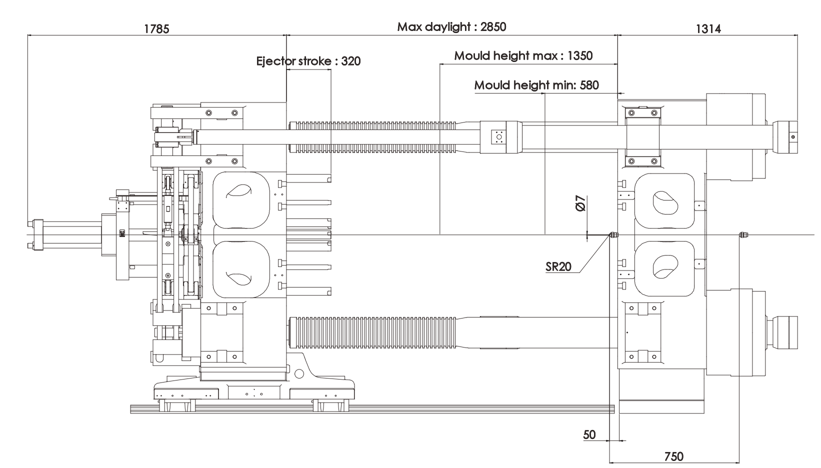
Robot installation dimensions



Robot installation dimensions on stationary platen



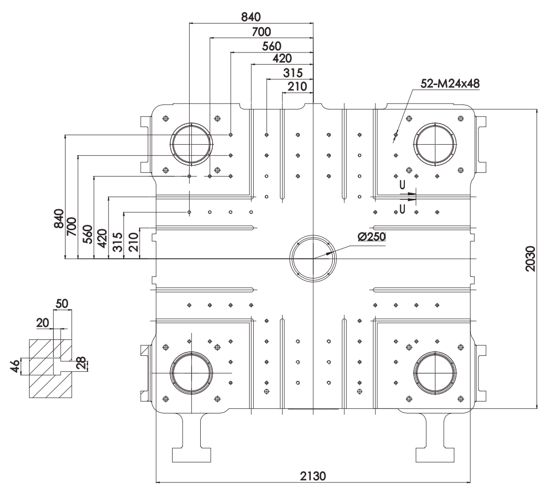
Clamping unit



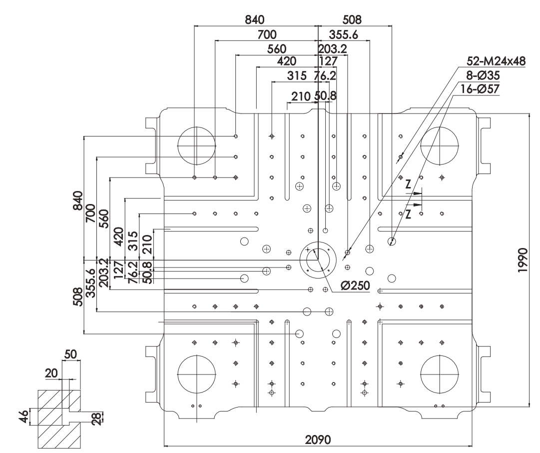
BL 1400DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z13400		
Screw diameter	mm	110	120	130
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	6082	7238	8495
Max. Shot weight(PS)	g	5596	6659	7815
Max. Shot weight(PS)	oz	197	235	276
Max. Injection speed	mm/s	102		
Injection rate in to the air	cm^3/s	969	1153	1353
Injection rate in to the air(PS)	g/s	891	1060	1245
Specific Injection pressure	Mpa	221	186	158
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	1429		
Clamping force	kN	14000		
Size of mould platens(h×v)	mm x mm	2090×1990		
Clearance between tie bars(h×v)	mm x mm	1420×1320		
Opening stroke	mm	2200/1500		
Min. mould height	mm	650		
Max. mould height	mm	1350		
Max. daylight	mm	2850		
Ejector stroke	mm	360		
Ejector force forward	kN	309		
Ejector force back	kN	210		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	72	75	87
Drive power	kW	50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1600		
Max. mould weight	kg	21000		
Machine weight	ton	60		
Machine dimensions(L×W×H)	m x m x m	11. 53×3. 51×3. 81		

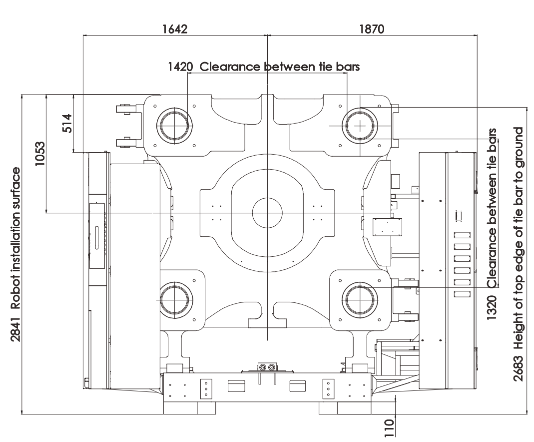
Dimensions of stationary platen



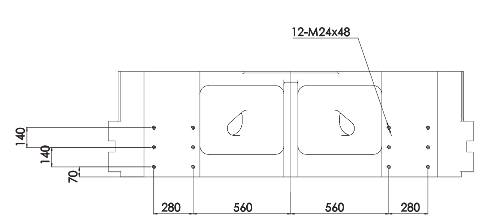
Dimensions of moving platen



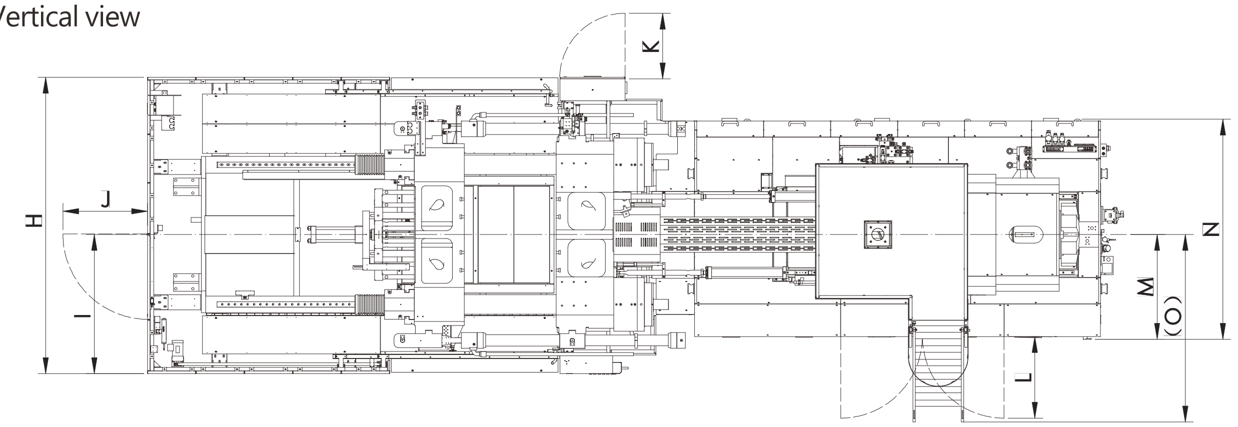
Robot installation dimensions



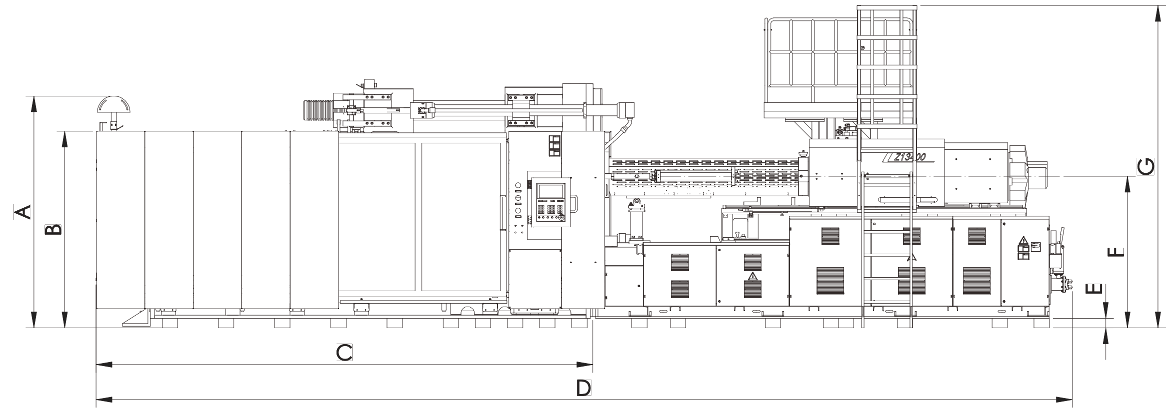
Robot installation dimensions on stationary platen



Vertical view

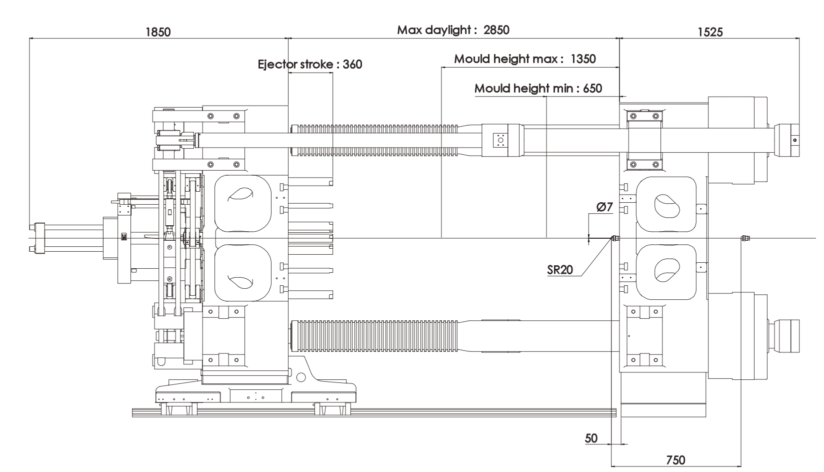


Main view



Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
BL1400DK	2743	2327	5871	11537	110	1793	3815	3502	1642	1000	775	963	1237	2603	2213

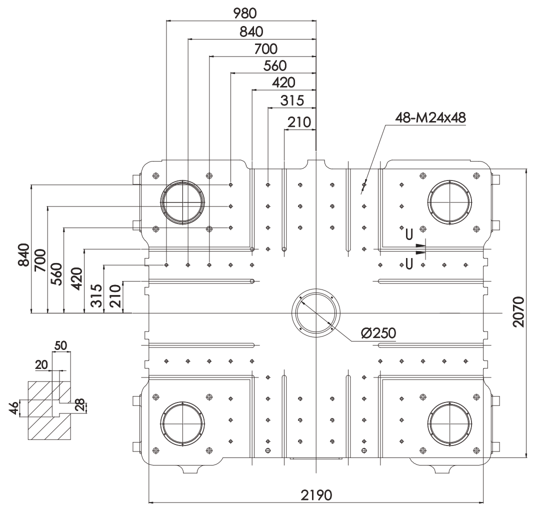
Clamping unit



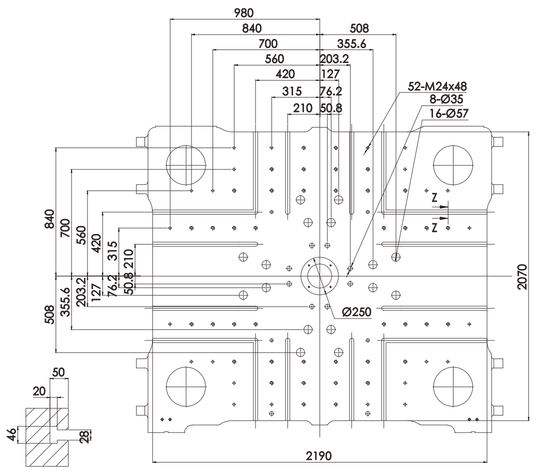
BL 1500DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z13400		
Screw diameter	mm	110	120	130
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	6082	7238	8495
Max. Shot weight(PS)	g	5596	6659	7815
Max. Shot weight(PS)	oz	197	235	276
Max. Injection speed	mm/s	102		
Injection rate in to the air	cm³/s	969	1153	1353
Injection rate in to the air(PS)	g/s	891	1060	1245
Specific Injection pressure	Mpa	221	186	158
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	1531		
Clamping force	kN	15000		
Size of mould platens(h×v)	mm x mm	2190×2070		
Clearance between tie bars(h×v)	mm x mm	1520×1360		
Opening stroke	mm	2200/1500		
Min. mould height	mm	650		
Max. mould height	mm	1350		
Max. daylight	mm	2850		
Ejector stroke	mm	360		
Ejector force forward	kN	309		
Ejector force back	kN	210		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	72	75	87
Drive power	kW	50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	1600		
Max. mould weight	kg	21000		
Machine weight	ton	61		
Machine dimensions(L×W×H)	m x m x m	11.53×3.74×3.81		

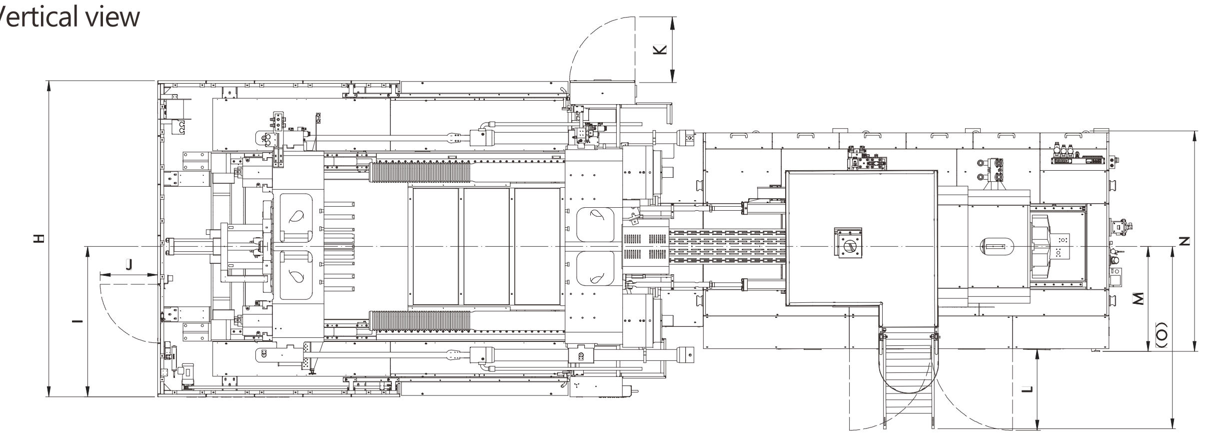
Dimensions of stationary platen



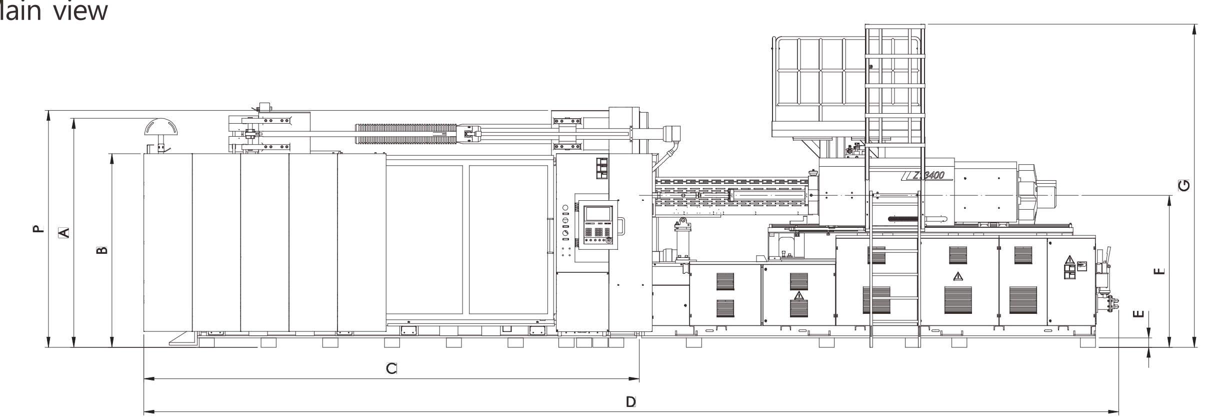
Dimensions of moving platen



Vertical view

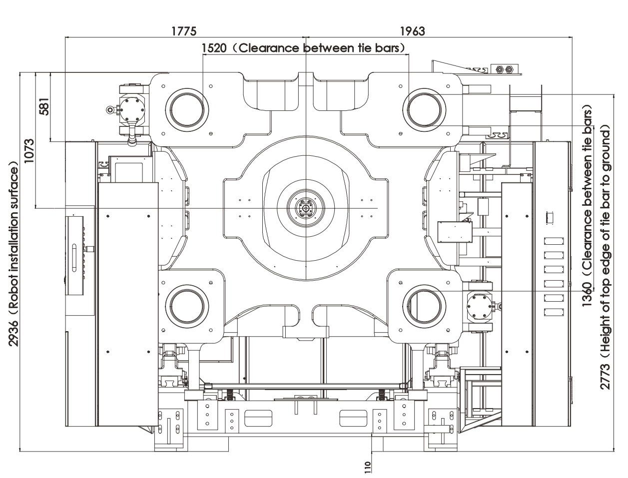


Main view

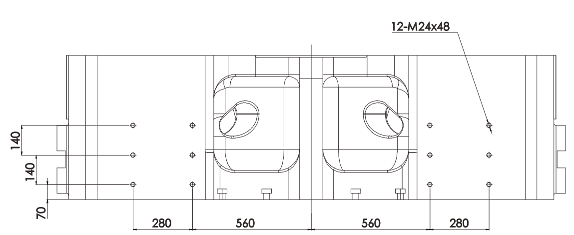


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL1500DK-W	2702	2286	5852	11518	110	1863	3815	3738	1773	683	775	963	1237	2603	2151	2936

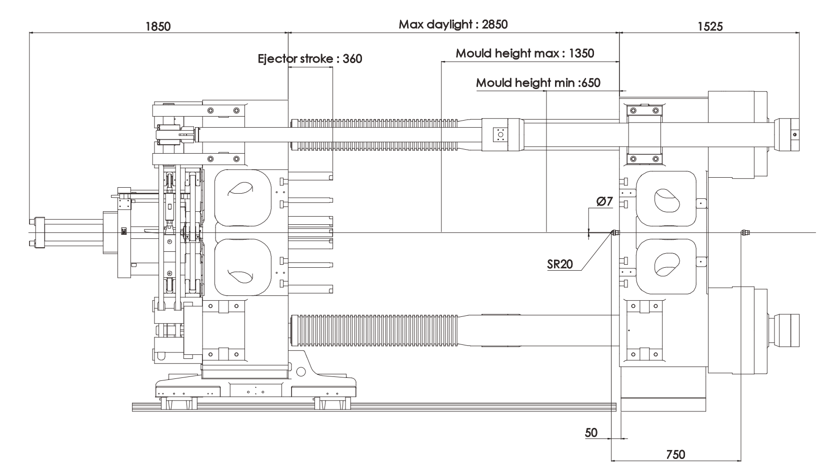
Robot installation dimensions



Robot installation dimensions on stationary platen



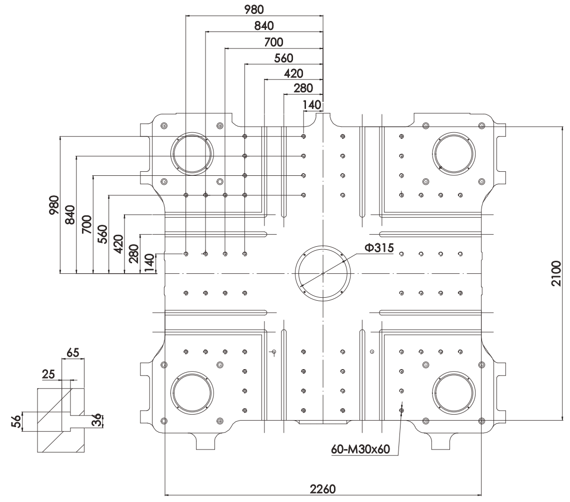
Clamping unit



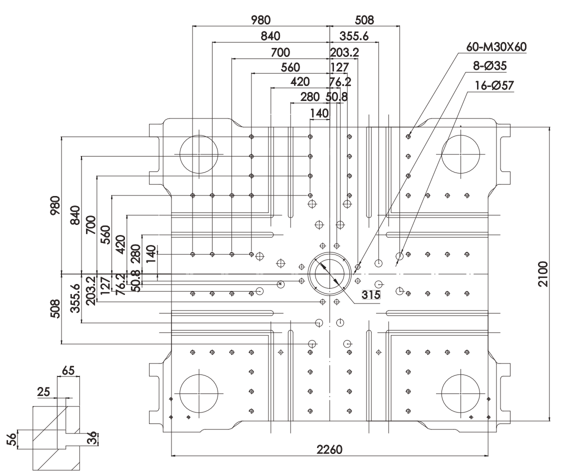
BL 1700DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		**Z19300**		
Screw diameter	mm	120	135	145
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	8200	10378	11972
Max. Shot weight(PS)	g	7544	9547	11014
Max. Shot weight(PS)	oz	266	337	388
Max. Injection speed	mm/s	100		
Injection rate in to the air	cm^3/s	1170	1481	1708
Injection rate in to the air(PS)	g/s	1076	1362	1572
Specific Injection pressure	Mpa	236	186	161
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	1735		
Clamping force	kN	17000		
Size of mould platens(h×v)	mm x mm	2260×2100		
Clearance between tie bars(h×v)	mm x mm	1620×1460		
Opening stroke	mm	2570/1700		
Min. mould height	mm	680		
Max. mould height	mm	1550		
Max. daylight	mm	3250		
Ejector stroke	mm	400		
Ejector force forward	kN	309		
Ejector force back	kN	210		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	75	96	115
Drive power	kW	50+50+42+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	35000		
Machine weight	ton	75		
Machine dimensions(L×W×H)	m x m x m	13.23×4.05×4.11		

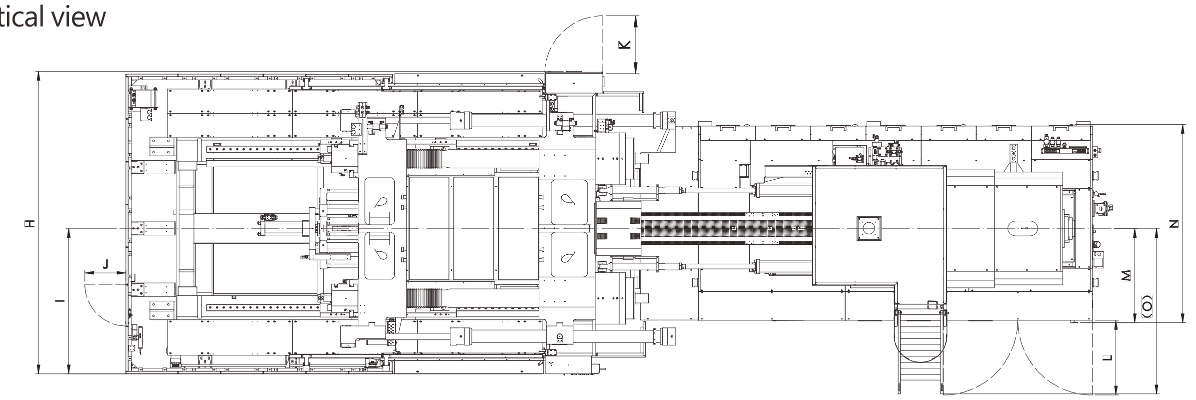
Dimensions of stationary platen



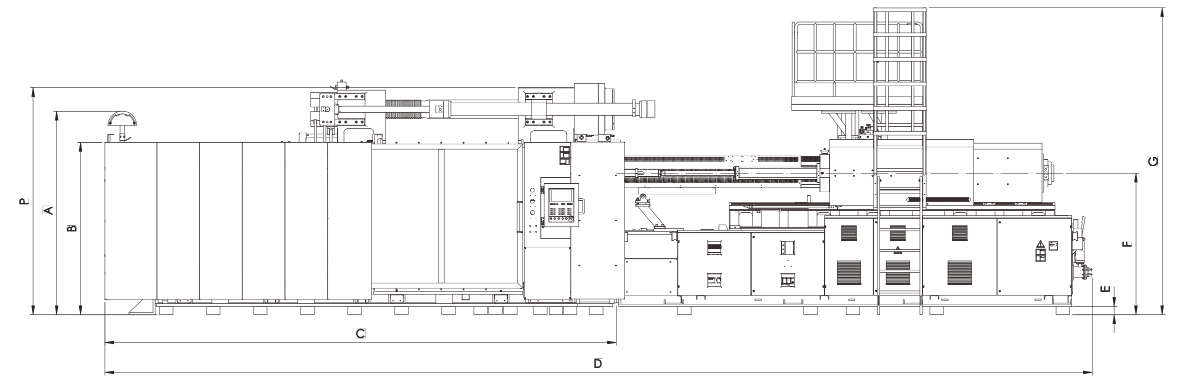
Dimensions of moving platen



Vertical view

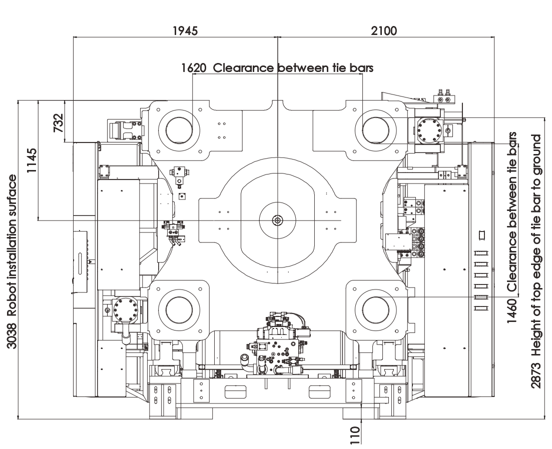


Main view

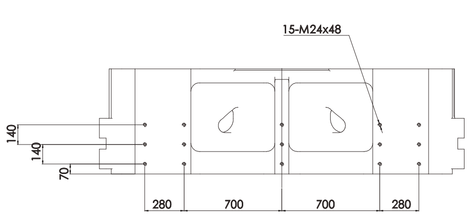


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL1700DK	2723	2306	6852	13225	110	1893	4107	4045	1945	550	775	999	1262	2653	2213	3038

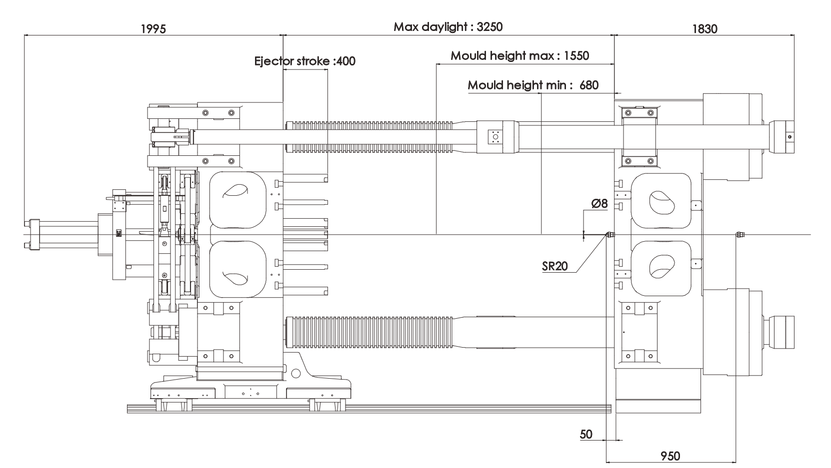
Robot installation dimensions



Robot installation dimensions on stationary platen



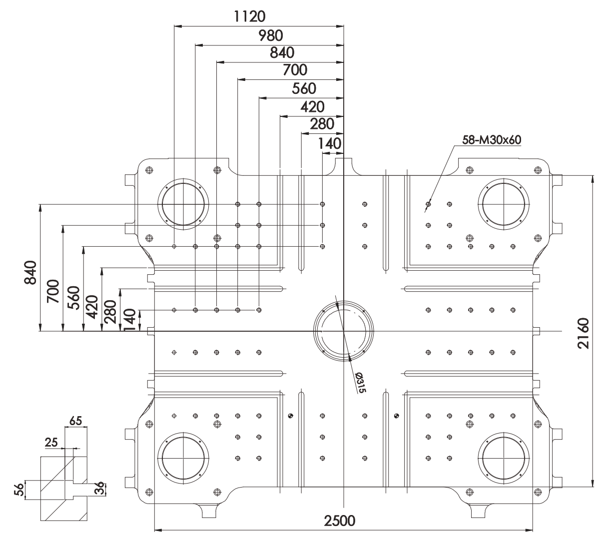
Clamping unit



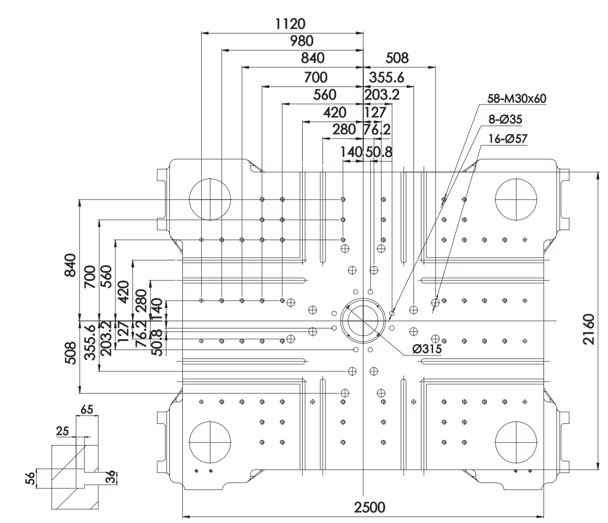
BL 1850DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z19300		
Screw diameter	mm	120	135	145
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	8200	10378	11972
Max. Shot weight(PS)	g	7544	9547	11014
Max. Shot weight(PS)	oz	266	337	388
Max. Injection speed	mm/s	100		
Injection rate in to the air	cm³/s	1170	1481	1708
Injection rate in to the air(PS)	g/s	1076	1362	1572
Specific Injection pressure	Mpa	236	186	161
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	1888		
Clamping force	kN	18500		
Size of mould platens(h×v)	mm x mm	2500×2160		
Clearance between tie bars(h×v)	mm x mm	1860×1520		
Opening stroke	mm	2580/1700		
Min. mould height	mm	720		
Max. mould height	mm	1600		
Max. daylight	mm	3300		
Ejector stroke	mm	400		
Ejector force forward	kN	309		
Ejector force back	kN	210		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	75	96	115
Drive power	kW	50+50+42+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	35000		
Machine weight	ton	82		
Machine dimensions(L×W×H)	m x m x m	13.25×4.26×4.11		

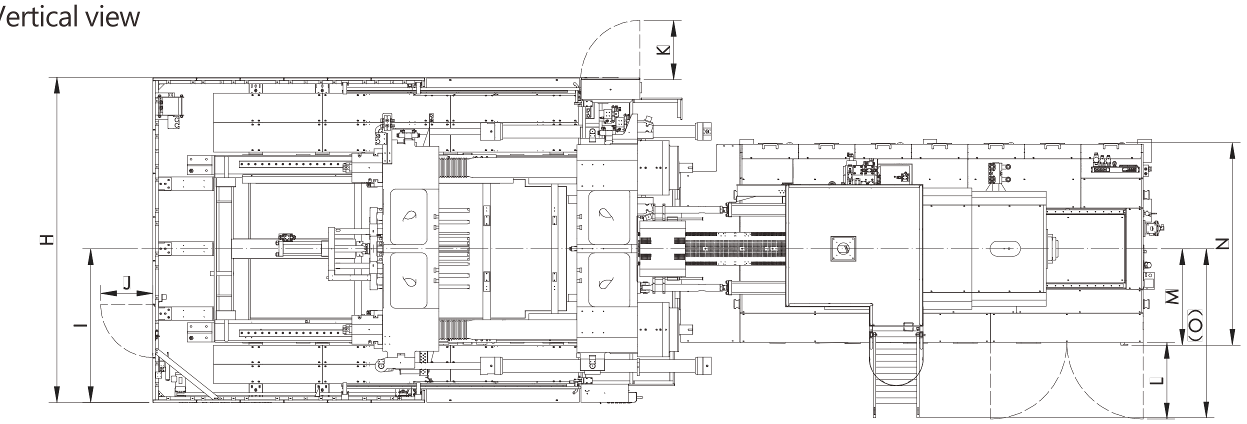
Dimensions of stationary platen



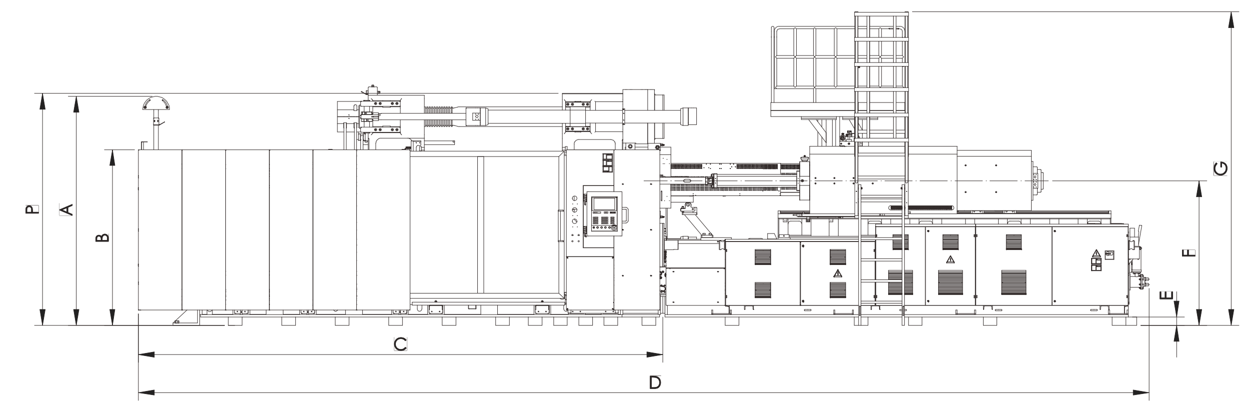
Dimensions of moving platen



Vertical view

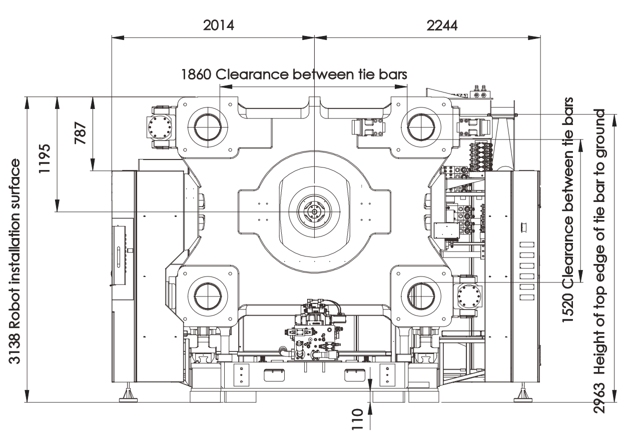


Main view

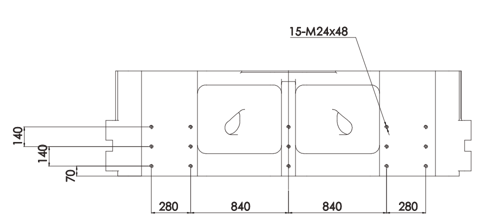


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL1850DK-W	3000	2301	6870	13243	110	1993	4107	4258	2013	683	775	999	1263	2653	2213	3138

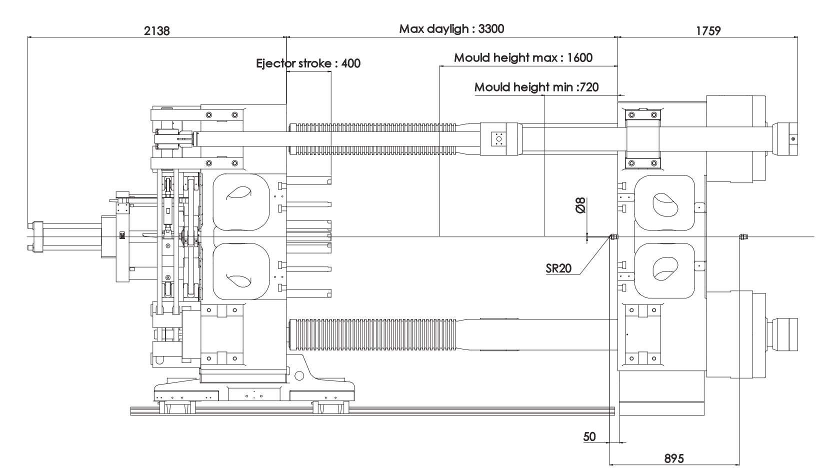
Robot installation dimensions



Robot installation dimensions on stationary platen



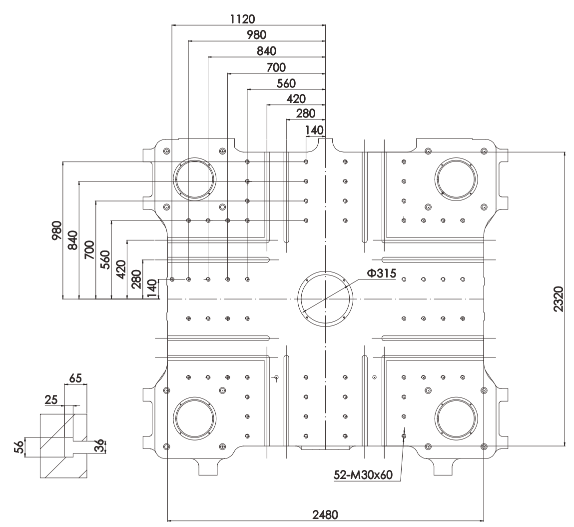
Clamping unit



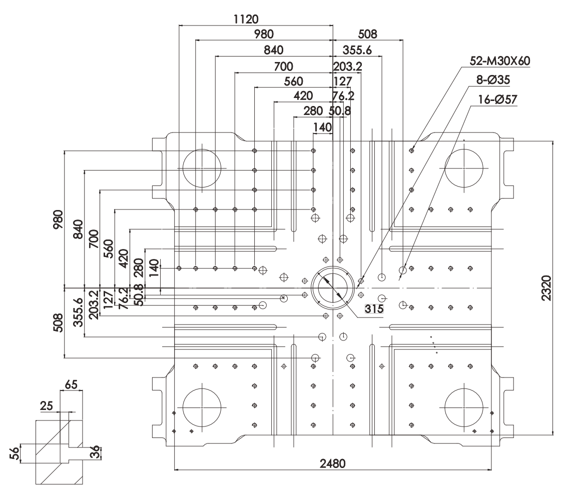
BL 2000DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z19300		
Screw diameter	mm	120	135	145
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	8200	10378	11972
Max. Shot weight(PS)	g	7544	9547	11014
Max. Shot weight(PS)	oz	266	337	388
Max. Injection speed	mm/s	100		
Injection rate in to the air	cm^3/s	1170	1481	1708
Injection rate in to the air(PS)	g/s	1076	1362	1572
Specific Injection pressure	Mpa	236	186	161
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	2041		
Clamping force	kN	20000		
Size of mould platens(h×v)	mm x mm	2480×2320		
Clearance between tie bars(h×v)	mm x mm	1720×1560		
Opening stroke	mm	2580/1700		
Min. mould height	mm	720		
Max. mould height	mm	1600		
Max. daylight	mm	3300		
Ejector stroke	mm	450		
Ejector force forward	kN	496		
Ejector force back	kN	396		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	75	96	115
Drive power	kW	50+50+42+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	42000		
Machine weight	ton	90		
Machine dimensions(L×W×H)	m x m x m	13. 41×4. 34×4. 20		

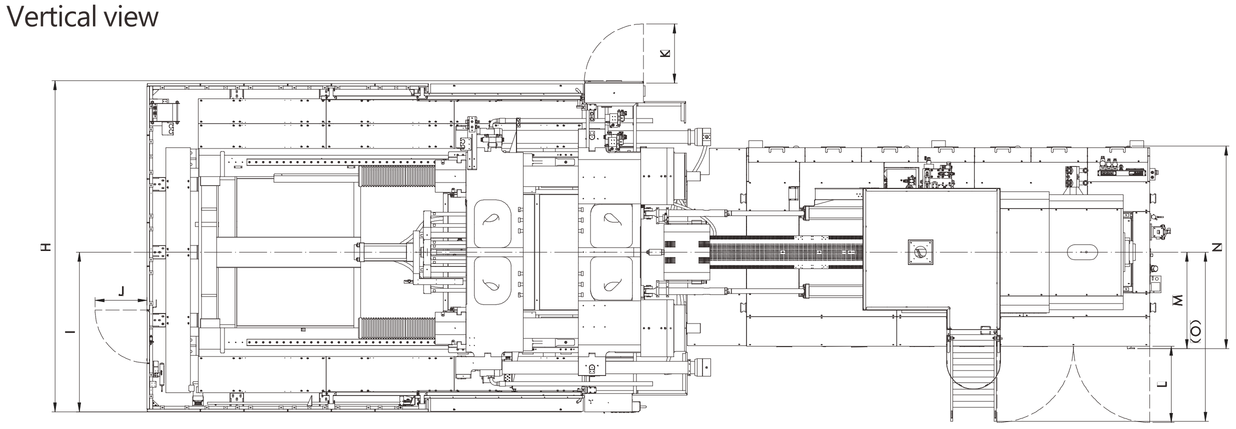
Dimensions of stationary platen



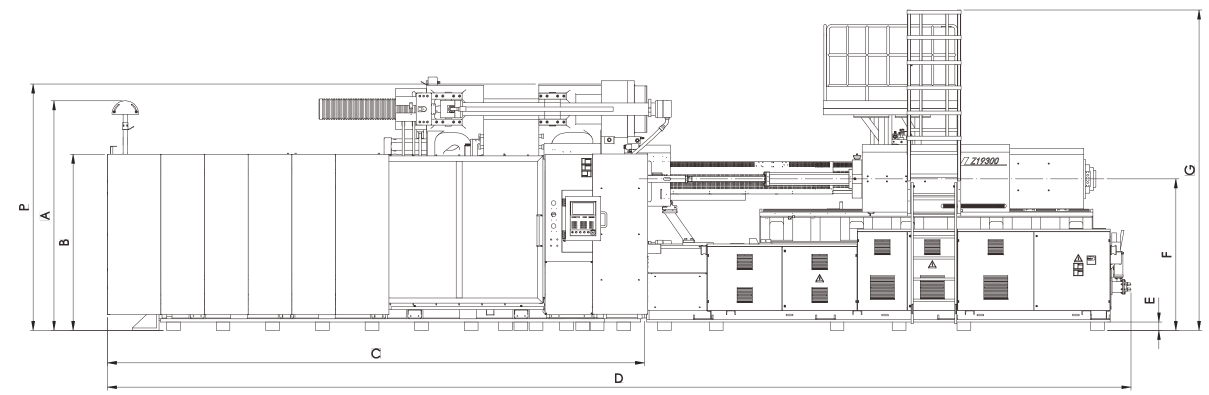
Dimensions of moving platen



Vertical view

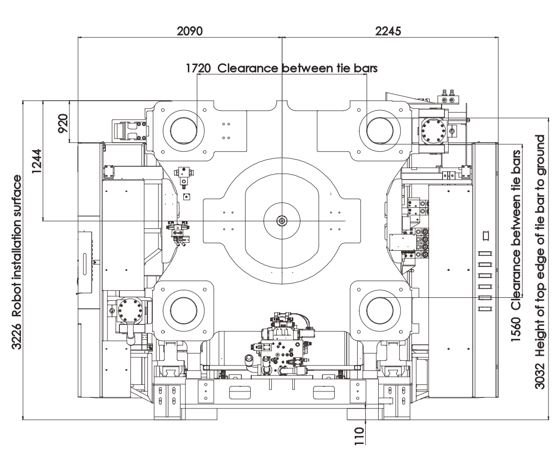


Main view

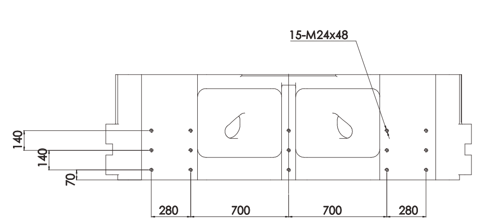


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2000DK	3005	2306	7031	13405	110	1982	4196	4335	2090	683	775	999	1263	2653	2213	3226

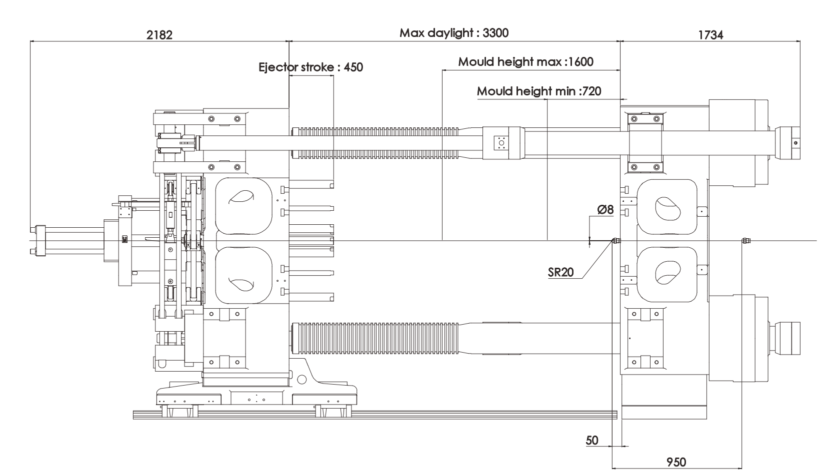
Robot installation dimensions



Robot installation dimensions on stationary platen



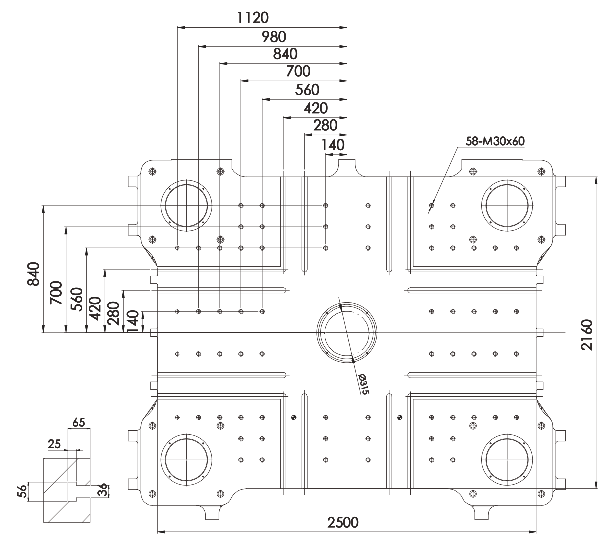
Clamping unit



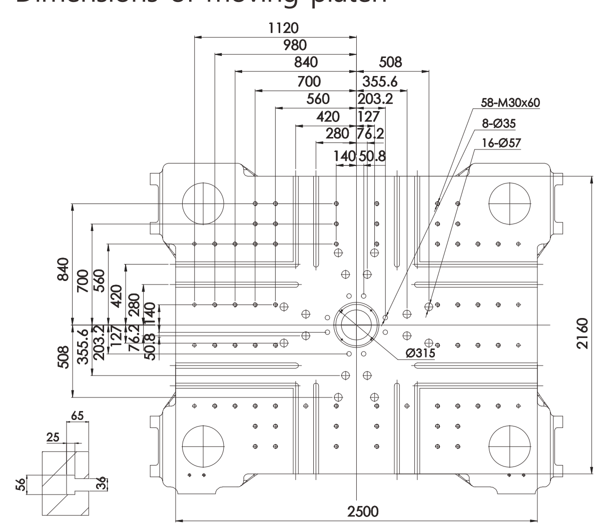
BL 2100DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z19300		
Screw diameter	mm	120	135	145
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	8200	10378	11972
Max. Shot weight(PS)	g	7544	9547	11014
Max. Shot weight(PS)	oz	266	337	388
Max. Injection speed	mm/s	100		
Injection rate in to the air	cm^3/s	1170	1481	1708
Injection rate in to the air(PS)	g/s	1076	1362	1572
Specific Injection pressure	Mpa	236	186	161
Max. Screw speed	r/min	100		
Clamping Unit				
Clamping force	Ton	2143		
Clamping force	kN	21000		
Size of mould platens(h×v)	mm x mm	2500×2160		
Clearance between tie bars(h×v)	mm x mm	1850×1510		
Opening stroke	mm	2580/1700		
Min. mould height	mm	720		
Max. mould height	mm	1600		
Max. daylight	mm	3300		
Ejector stroke	mm	450		
Ejector force forward	kN	496		
Ejector force back	kN	396		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	75	96	115
Drive power	kW	50+50+42+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	42000		
Machine weight	ton	83		
Machine dimensions(L×W×H)	m x m x m	13.25×4.26×4.11		

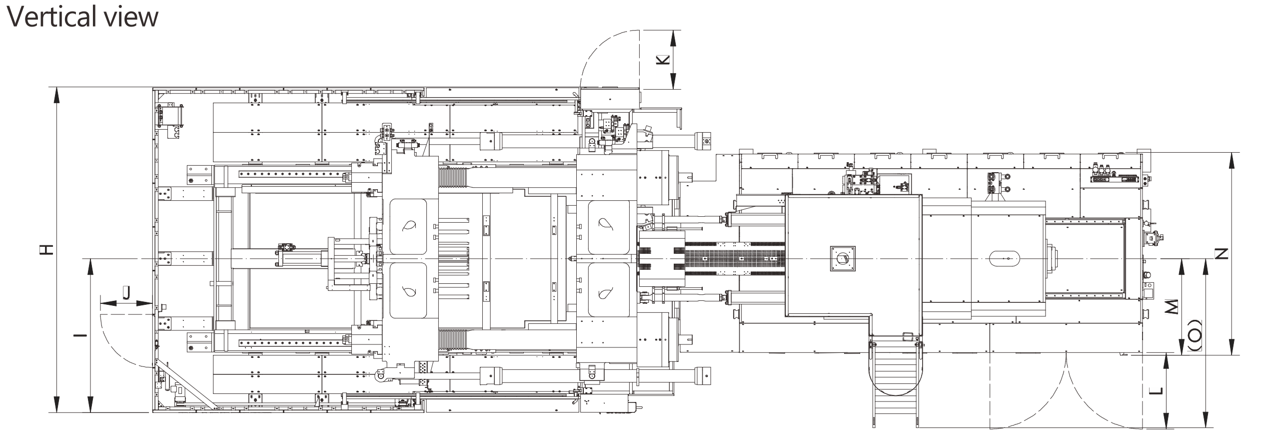
Dimensions of stationary platen



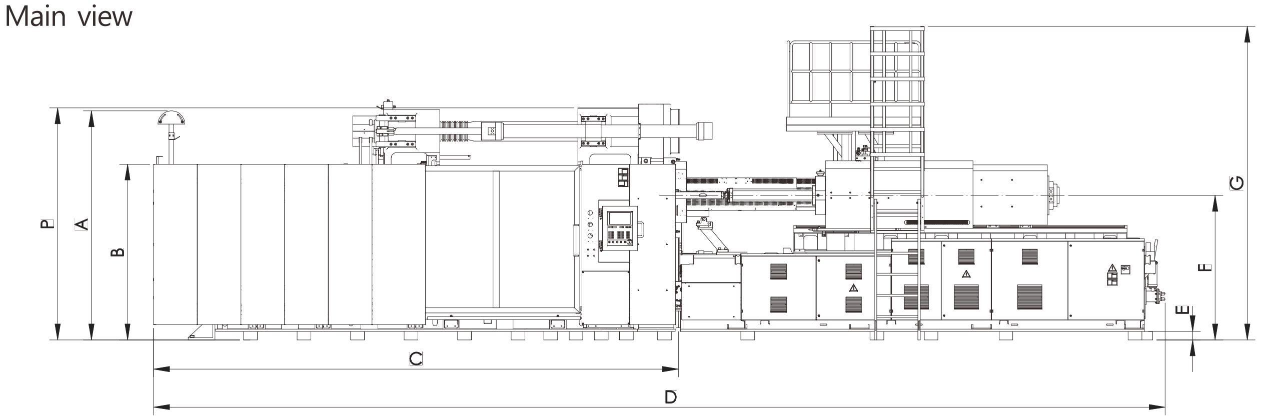
Dimensions of moving platen



Vertical view

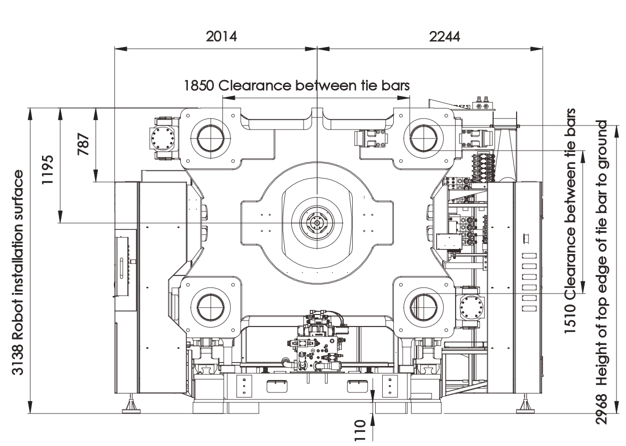


Main view

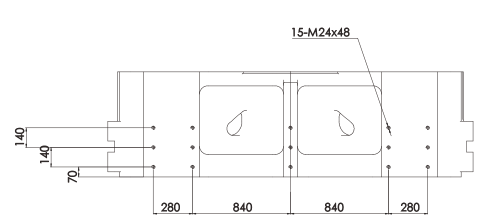


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2100DK-W	3000	2301	6870	13243	110	1993	4107	4258	2013	683	775	999	1263	2653	2213	3138

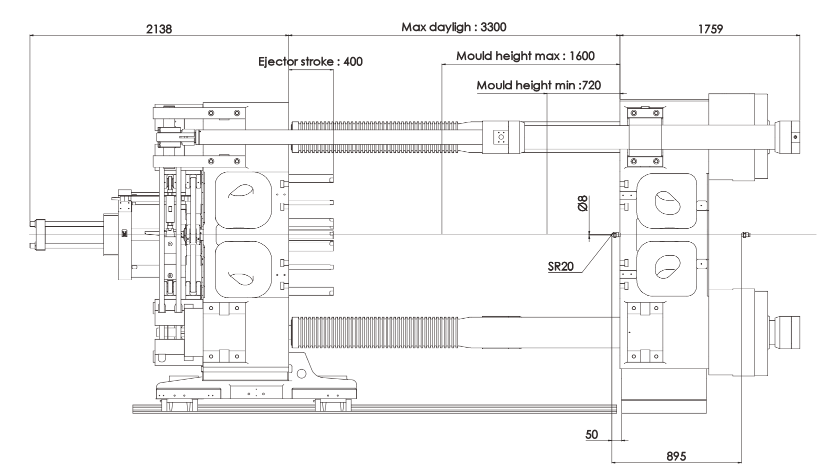
Robot installation dimensions



Robot installation dimensions on stationary platen



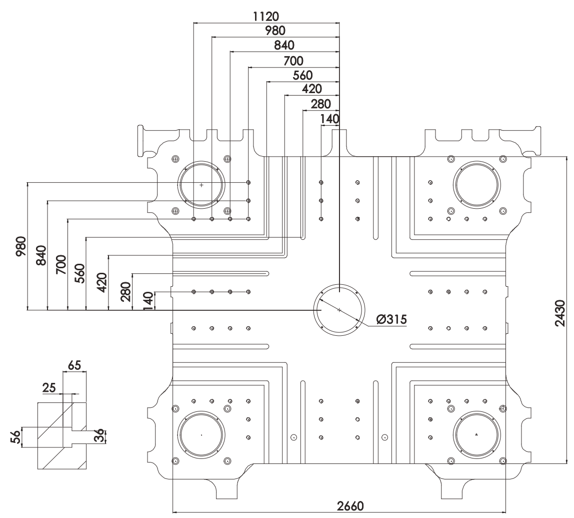
Clamping unit



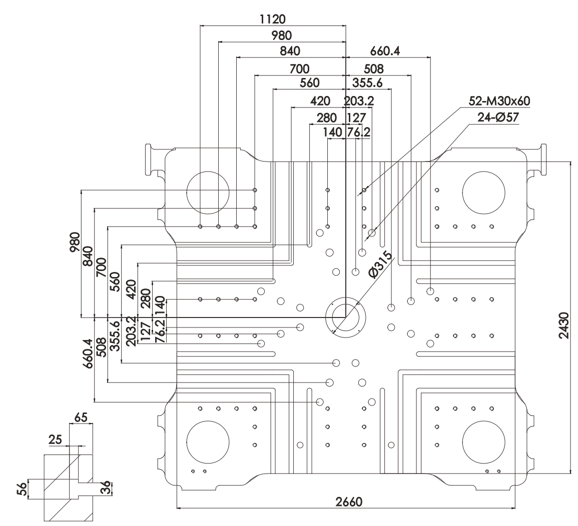
BL 2300DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z25800		
Screw diameter	mm	140	150	160
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	12084	13872	15783
Max. Shot weight(PS)	g	11117	12762	14521
Max. Shot weight(PS)	oz	392	450	512
Max. Injection speed	mm/s	90		
Injection rate in to the air	cm³/s	1361	1562	1778
Injection rate in to the air(PS)	g/s	1252	1437	1636
Specific Injection pressure	Mpa	213	186	164
Max. Screw speed	r/min	84		
Clamping Unit				
Clamping force	Ton	2347		
Clamping force	kN	23000		
Size of mould platens(h×v)	mm x mm	2660×2430		
Clearance between tie bars(h×v)	mm x mm	1920×1700		
Opening stroke	mm	2720/1800		
Min. mould height	mm	780		
Max. mould height	mm	1700		
Max. daylight	mm	3500		
Ejector stroke	mm	450		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	25		
Driving and Heating				
Installed heater power	kW	109	123	128
Drive power	kW	50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2700		
Max. mould weight	kg	50000		
Machine weight	ton	120		
Machine dimensions(L×W×H)	m x m x m	14.57×4.27×4.20		

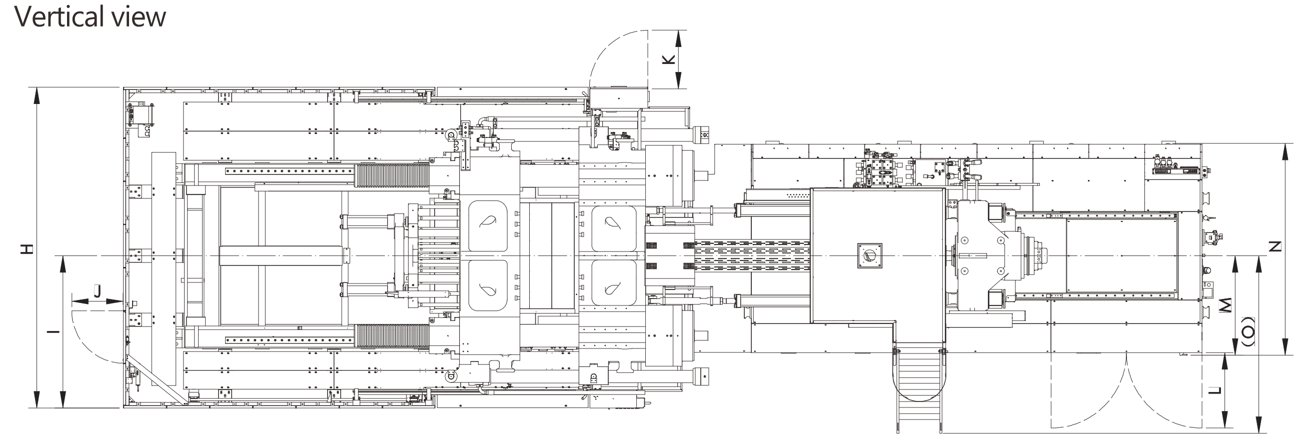
Dimensions of stationary platen



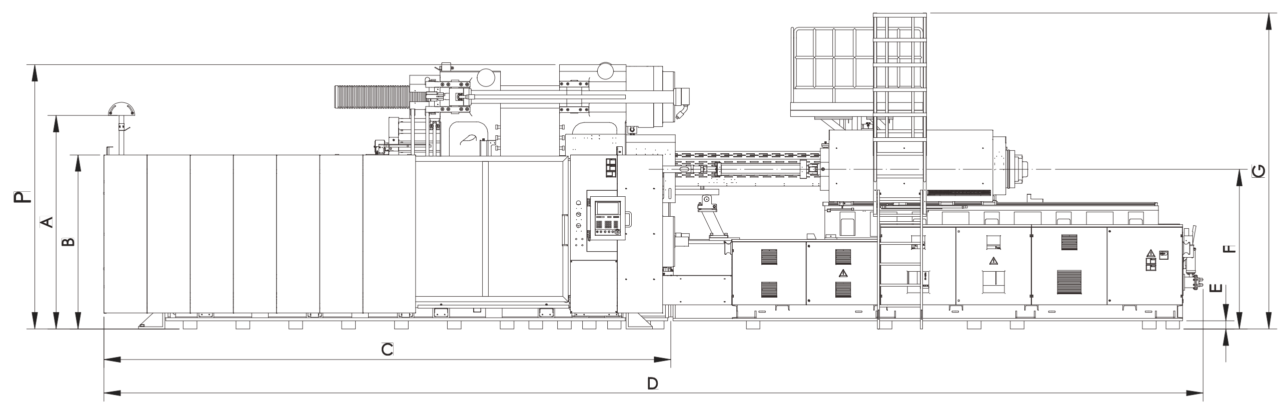
Dimensions of moving platen



Vertical view

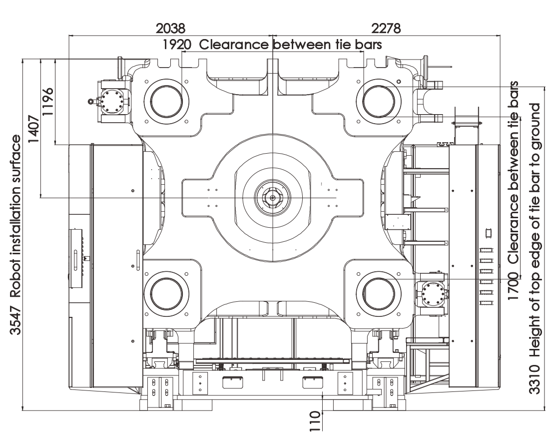


Main view

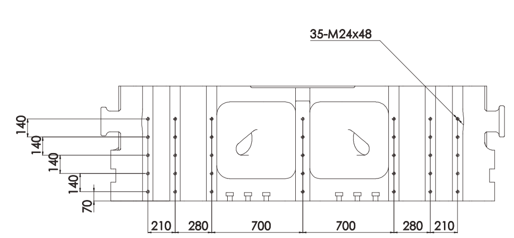


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2300DK	2835	2311	7512	14565	110	2160	4194	4316	2038	683	775	999	1317	2806	2353	3547

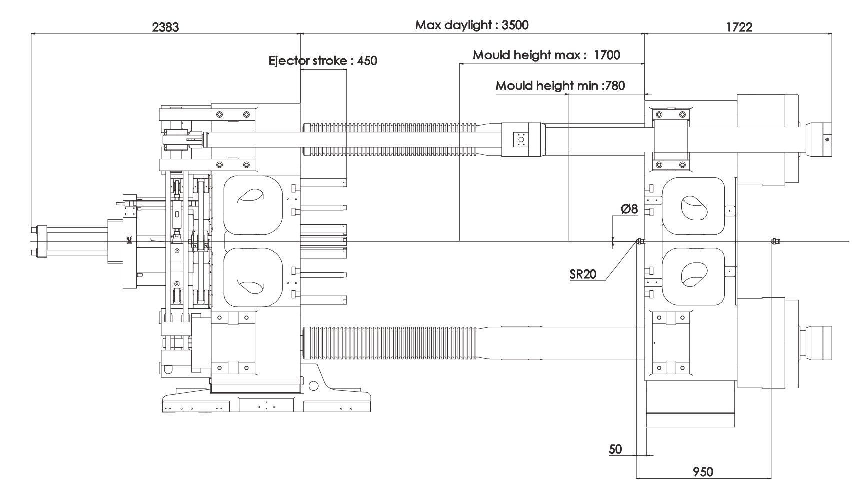
Robot installation dimensions



Robot installation dimensions on stationary platen



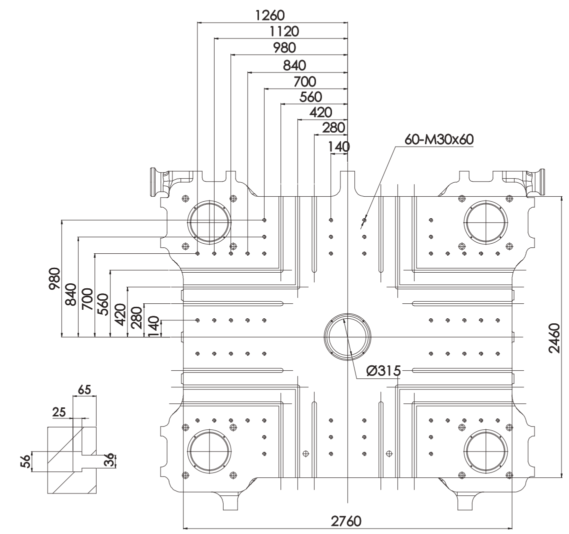
Clamping unit



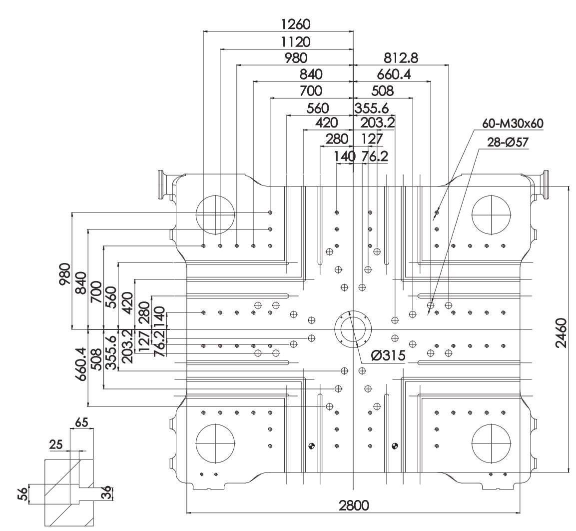
BL 2500DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z25800		
Screw diameter	mm	140	150	160
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	12084	13872	15783
Max. Shot weight(PS)	g	11117	12762	14521
Max. Shot weight(PS)	oz	392	450	512
Max. Injection speed	mm/s	90		
Injection rate in to the air	cm^3/s	1361	1562	1778
Injection rate in to the air(PS)	g/s	1252	1437	1636
Specific Injection pressure	Mpa	213	186	164
Max. Screw speed	r/min	84		
Clamping Unit				
Clamping force	Ton	2551		
Clamping force	kN	25000		
Size of mould platens(h×v)	mm x mm	2760×2460		
Clearance between tie bars(h×v)	mm x mm	2020×1720		
Opening stroke	mm	2720/1800		
Min. mould height	mm	780		
Max. mould height	mm	1700		
Max. daylight	mm	3500		
Ejector stroke	mm	450		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	29		
Driving and Heating				
Installed heater power	kW	109	123	128
Drive power	kW	50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2700		
Max. mould weight	kg	50000		
Machine weight	ton	123		
Machine dimensions(L×W×H)	m x m x m	14.57×4.46×4.20		

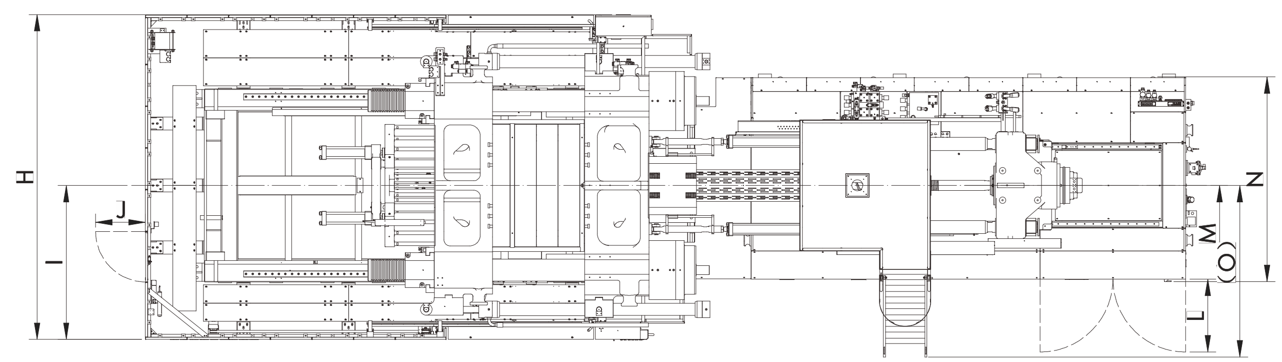
Dimensions of stationary platen



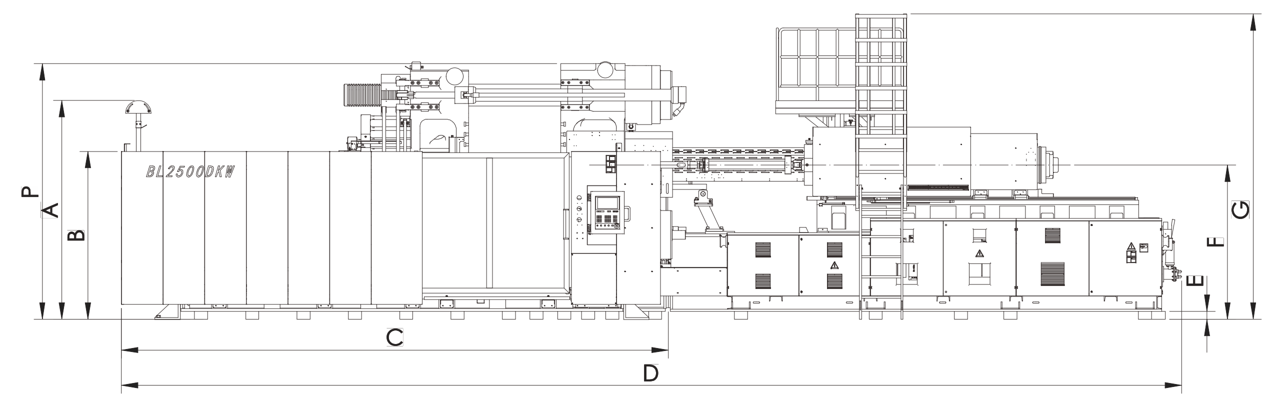
Dimensions of moving platen



Vertical view

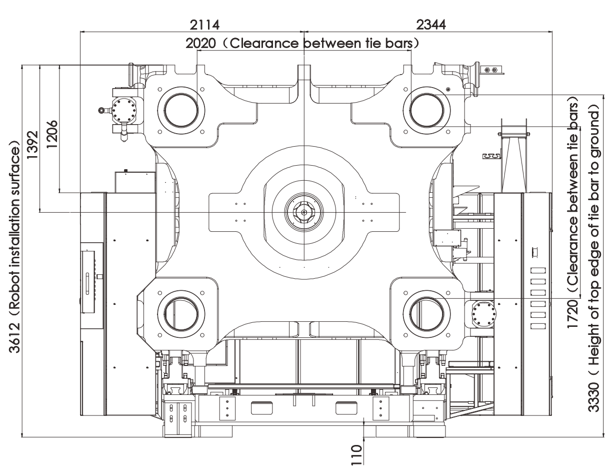


Main view

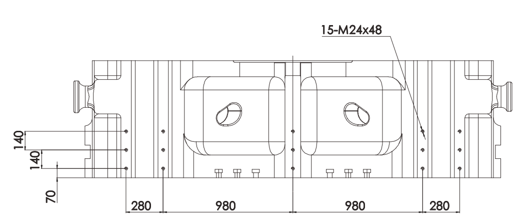


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2500DK-W	3005	2306	7512	14565	110	2220	4194	4458	2113	683	775	999	1317	2807	2353	3612

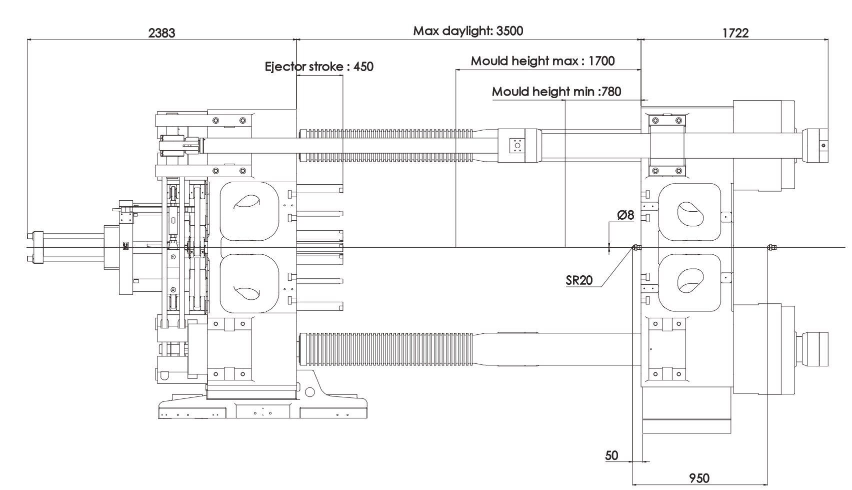
Robot installation dimensions



Robot installation dimensions on stationary platen



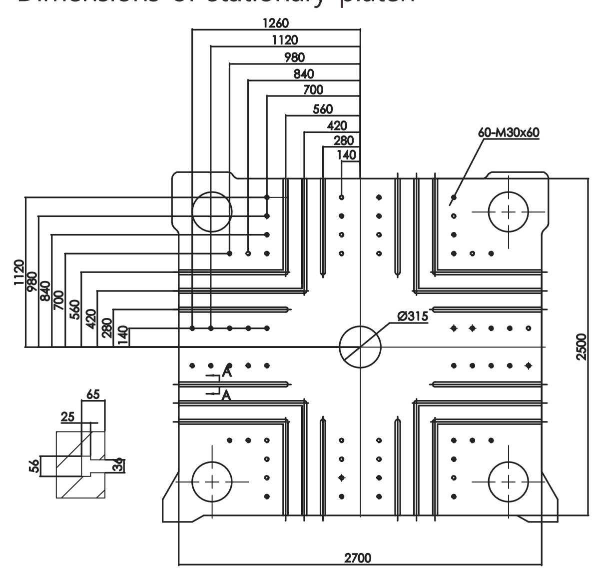
Clamping unit



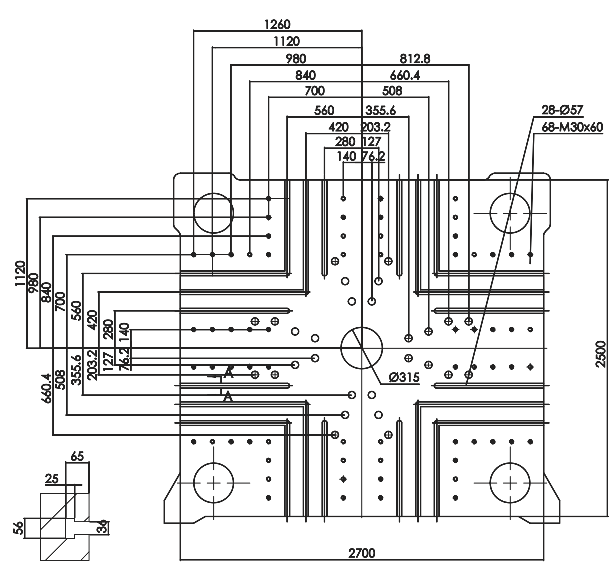
BL 2700DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z36800		
Screw diameter	mm	160	170	185
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	18598	20996	24864
Max. Shot weight(PS)	g	17110	19316	22875
Max. Shot weight(PS)	oz	603	681	807
Max. Injection speed	mm/s	85		
Injection rate in to the air	cm³/s	1855	2094	2480
Injection rate in to the air(PS)	g/s	1707	1927	2282
Specific Injection pressure	Mpa	198	175	148
Max. Screw speed	r/min	69		
Clamping Unit				
Clamping force	Ton	2755		
Clamping force	kN	27000		
Size of mould platens(h×v)	mm x mm	2700×2500		
Clearance between tie bars(h×v)	mm x mm	1920×1720		
Opening stroke	mm	2920/1900		
Min. mould height	mm	780		
Max. mould height	mm	1800		
Max. daylight	mm	3700		
Ejector stroke	mm	500		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	29		
Driving and Heating				
Installed heater power	kW	128	158	173
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	68000		
Machine weight	ton	135		
Machine dimensions(L×W×H)	m x m x m	15.98×4.45×4.4		

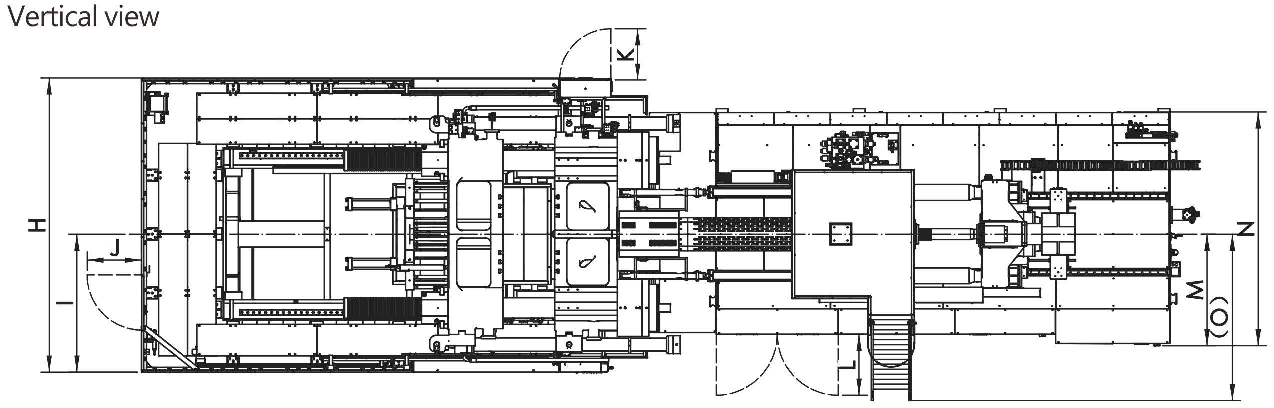
Dimensions of stationary platen



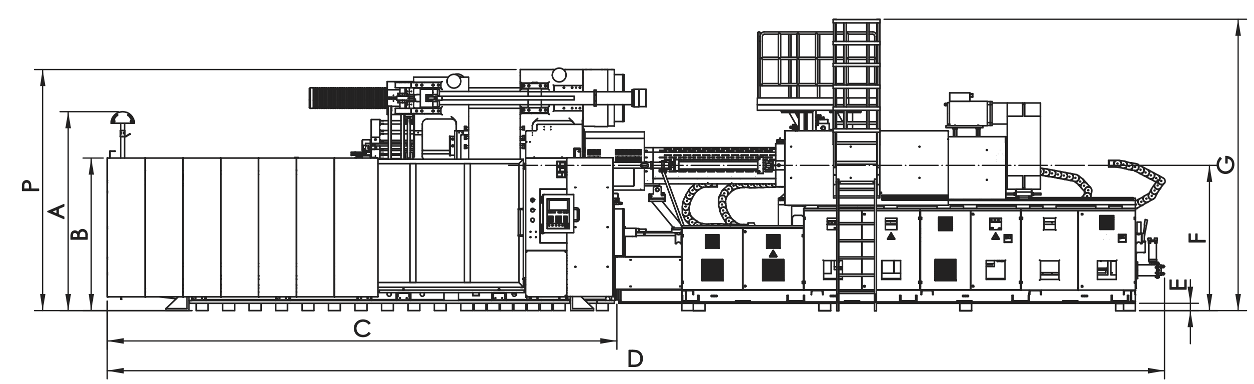
Dimensions of moving platen



Vertical view

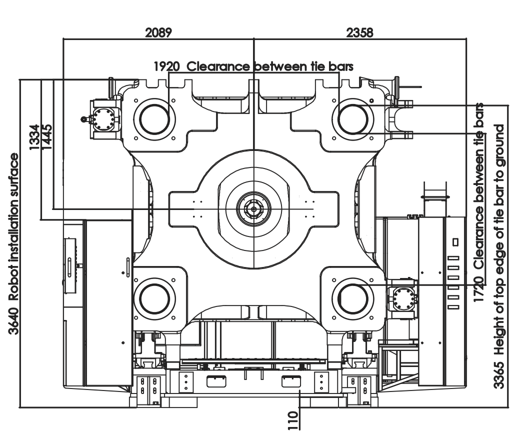


Main view

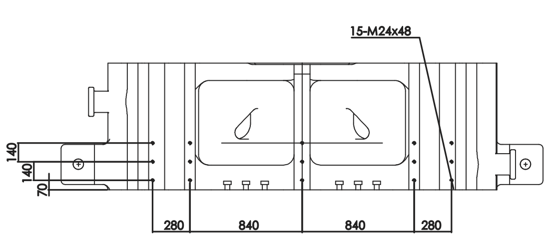


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2700DK	3005	2306	7704	15982	110	2195	4402	4446	2088	823	775	922	1685	3532	2513	3640

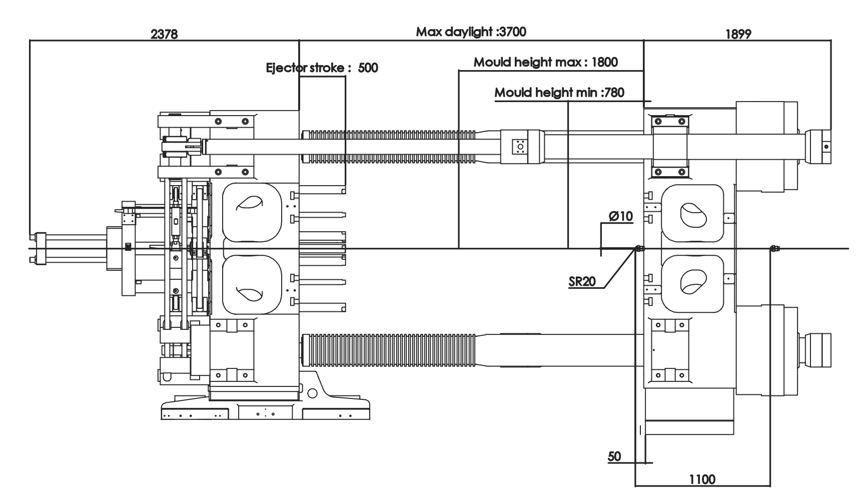
Robot installation dimensions



Robot installation dimensions on stationary platen



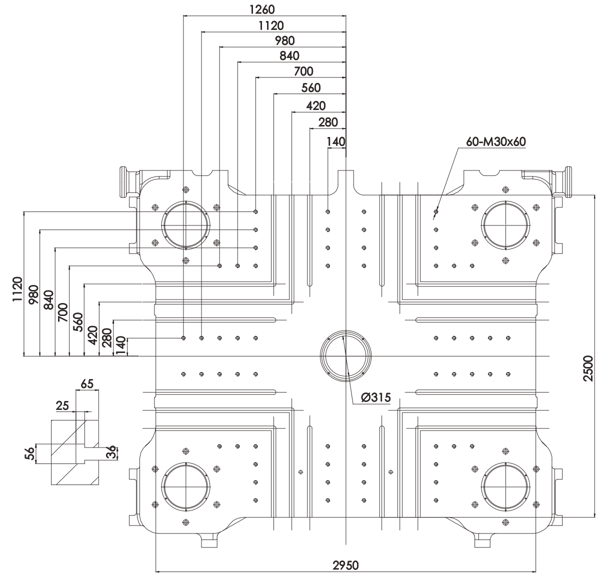
Clamping unit



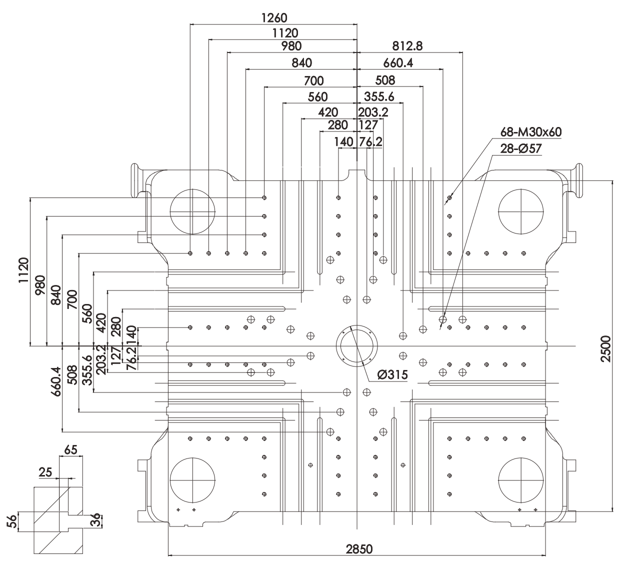
BL 2800DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		**Z36800**		
Screw diameter	mm	160	170	185
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	18598	20996	24864
Max. Shot weight(PS)	g	17110	19316	22875
Max. Shot weight(PS)	oz	603	681	807
Max. Injection speed	mm/s	85		
Injection rate in to the air	cm³/s	1855	2094	2480
Injection rate in to the air(PS)	g/s	1707	1927	2282
Specific Injection pressure	Mpa	198	175	148
Max. Screw speed	r/min	69		
Clamping Unit				
Clamping force	Ton	2857		
Clamping force	kN	28000		
Size of mould platens(h×v)	mm x mm	2850×2500		
Clearance between tie bars(h×v)	mm x mm	2170×1720		
Opening stroke	mm	2920/1900		
Min. mould height	mm	780		
Max. mould height	mm	1800		
Max. daylight	mm	3700		
Ejector stroke	mm	500		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	29		
Driving and Heating				
Installed heater power	kW	128	158	173
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	68000		
Machine weight	ton	143		
Machine dimensions(L×W×H)	m x m x m	16.15×4.77×4.41		

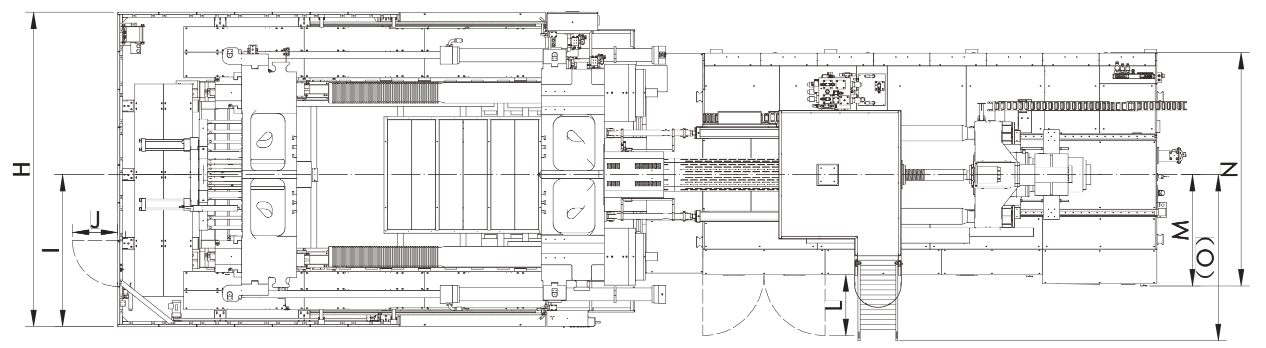
Dimensions of stationary platen



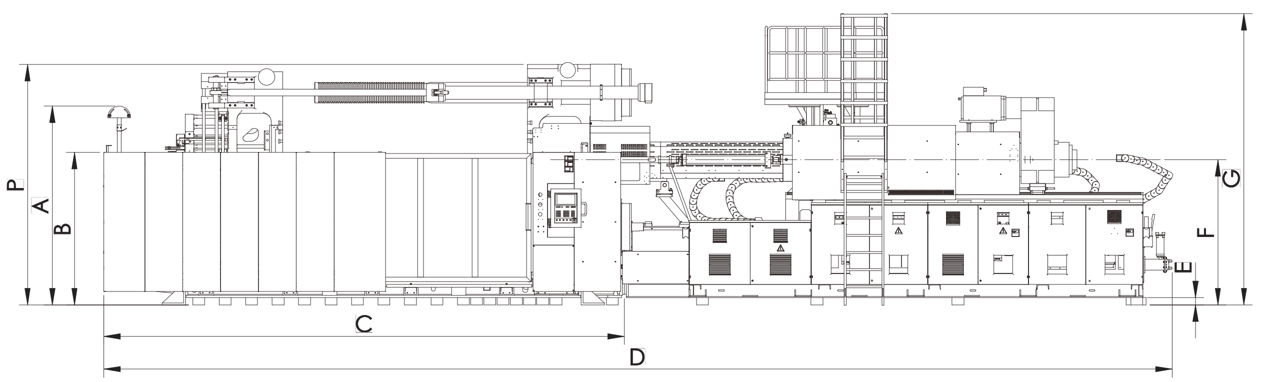
Dimensions of moving platen



Vertical view

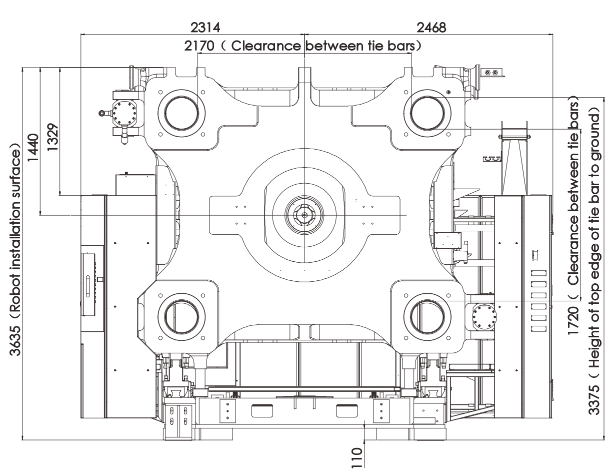


Main view

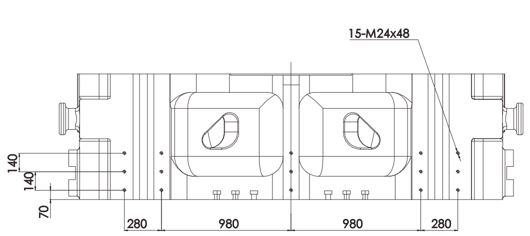


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL2800DK-W	3005	2306	7866	16144	110	2195	4402	4766	2297	683	775	922	1685	3532	2513	3635

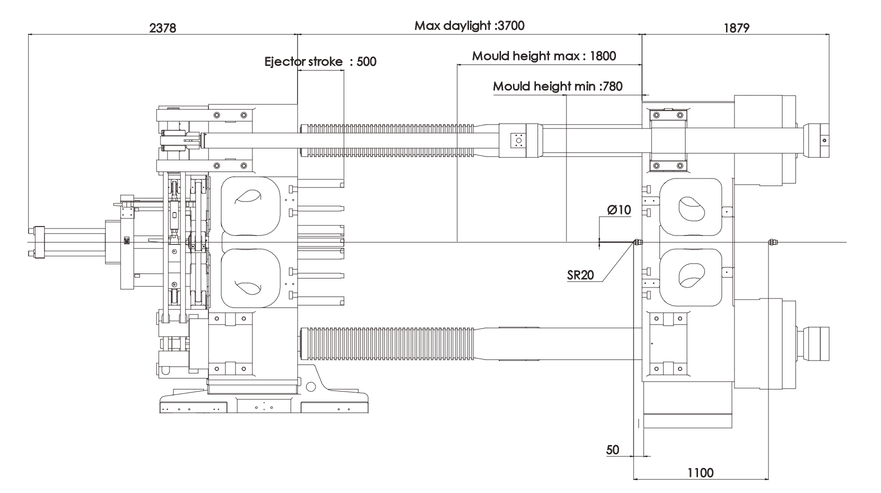
Robot installation dimensions



Robot installation dimensions on stationary platen



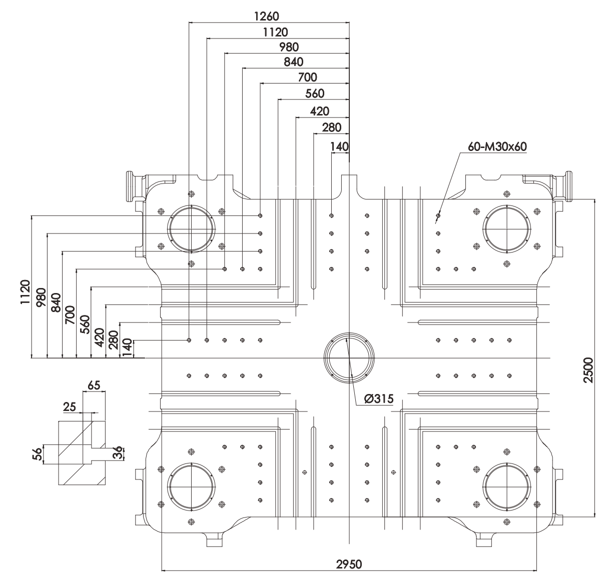
Clamping unit



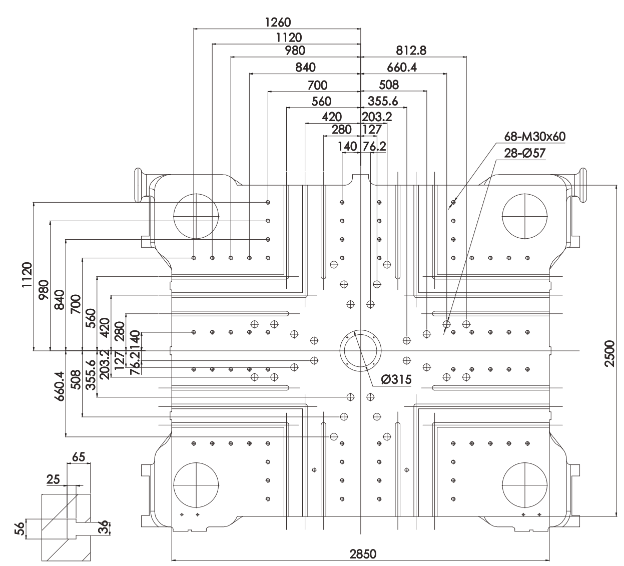
BL 3000DK-W
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z36800		
Screw diameter	mm	160	170	185
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	18598	20996	24864
Max. Shot weight(PS)	g	17110	19316	22875
Max. Shot weight(PS)	oz	603	681	807
Max. Injection speed	mm/s	85		
Injection rate in to the air	cm³/s	1855	2094	2480
Injection rate in to the air(PS)	g/s	1707	1927	2282
Specific Injection pressure	Mpa	198	175	148
Max. Screw speed	r/min	69		
Clamping Unit				
Clamping force	Ton	3061		
Clamping force	kN	30000		
Size of mould platens(h×v)	mm x mm	2850×2500		
Clearance between tie bars(h×v)	mm x mm	2150×1700		
Opening stroke	mm	3020/2000		
Min. mould height	mm	880		
Max. mould height	mm	1900		
Max. daylight	mm	3900		
Ejector stroke	mm	500		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	29		
Driving and Heating				
Installed heater power	kW	128	158	173
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	72000		
Machine weight	ton	146		
Machine dimensions(L×W×H)	m x m x m	16.35×4.77×4.41		

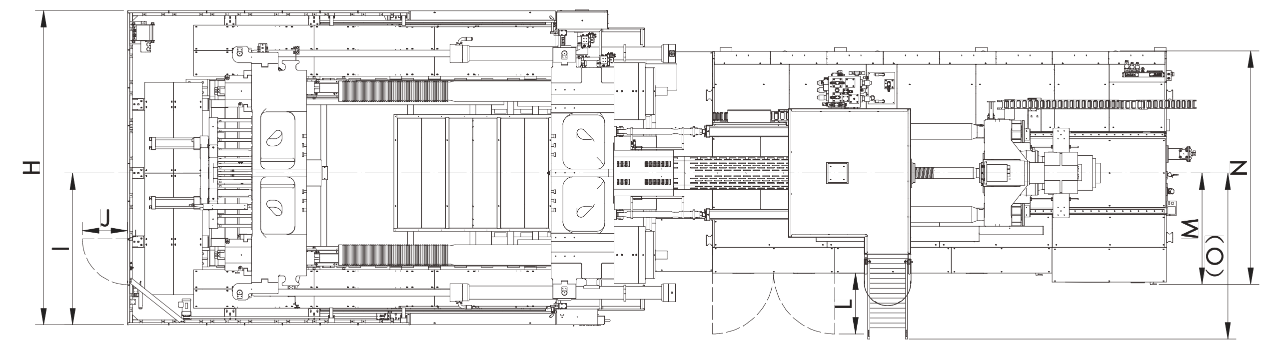
Dimensions of stationary platen



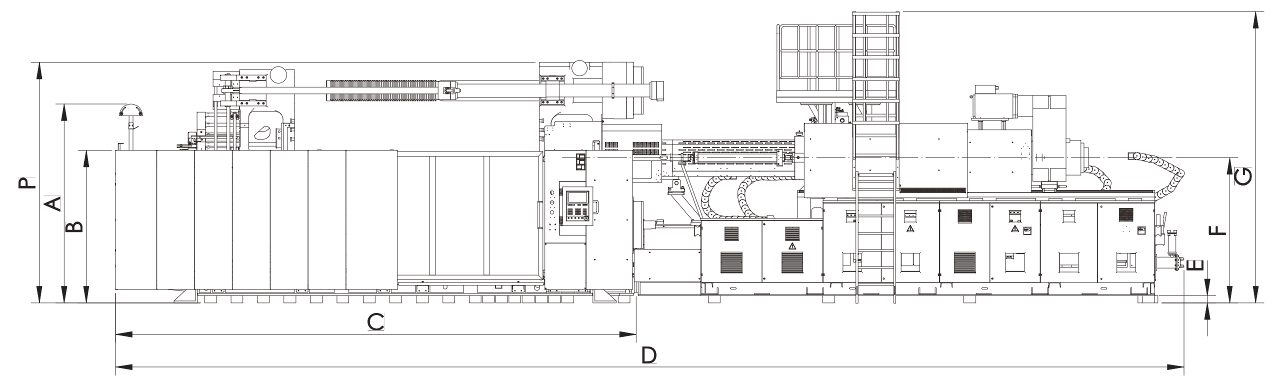
Dimensions of moving platen



Vertical view

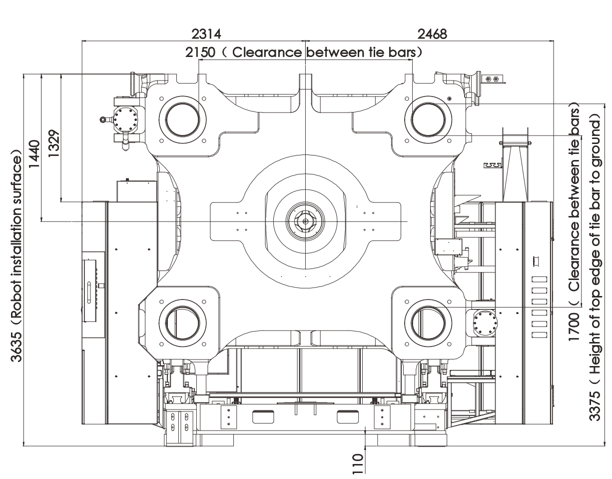


Main view

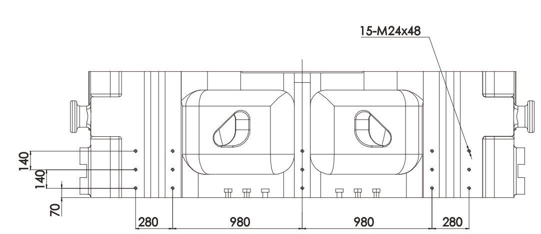


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL3000DK-W	3005	2306	8066	16344	110	2195	4402	4766	2297	683	775	922	1685	3532	2513	3635

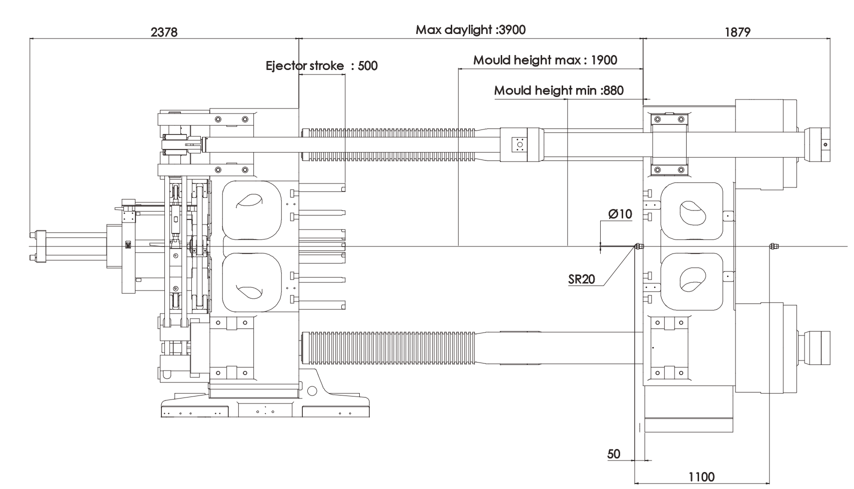
Robot installation dimensions



Robot installation dimensions on stationary platen



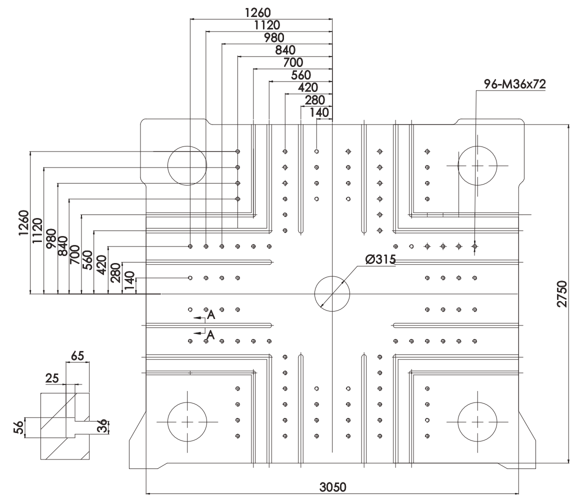
Clamping unit



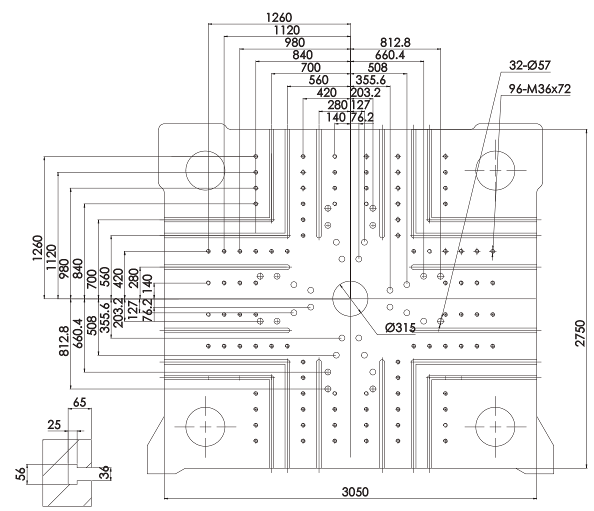
BL 3300DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z58100		
Screw diameter	mm	185	200	220
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	28224	32987	39914
Max. Shot weight(PS)	g	25966	30348	36720
Max. Shot weight(PS)	oz	916	1070	1295
Max. Injection speed	mm/s	66		
Injection rate in to the air	cm^3/s	1775	2074	2510
Injection rate in to the air(PS)	g/s	1633	1908	2309
Specific Injection pressure	Mpa	206	176	146
Max. Screw speed	r/min	60		
Clamping Unit				
Clamping force	Ton	3367		
Clamping force	kN	33000		
Size of mould platens(h×v)	mm x mm	3050×2750		
Clearance between tie bars(h×v)	mm x mm	2220×1900		
Opening stroke	mm	3220/2200		
Min. mould height	mm	980		
Max. mould height	mm	2000		
Max. daylight	mm	4200		
Ejector stroke	mm	550		
Ejector force forward	kN	465		
Ejector force back	kN	310		
Number of ejector rods	PC	33		
Driving and Heating				
Installed heater power	kW	173	216	236
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	80000		
Machine weight	ton	195		
Machine dimensions(L×W×H)	m x m x m	17.91×5.12×4.69		

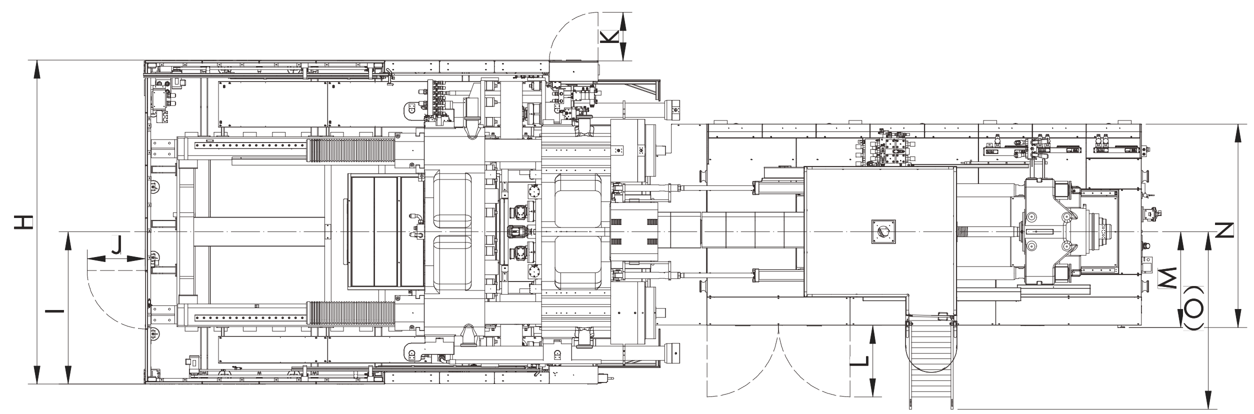
Dimensions of stationary platen



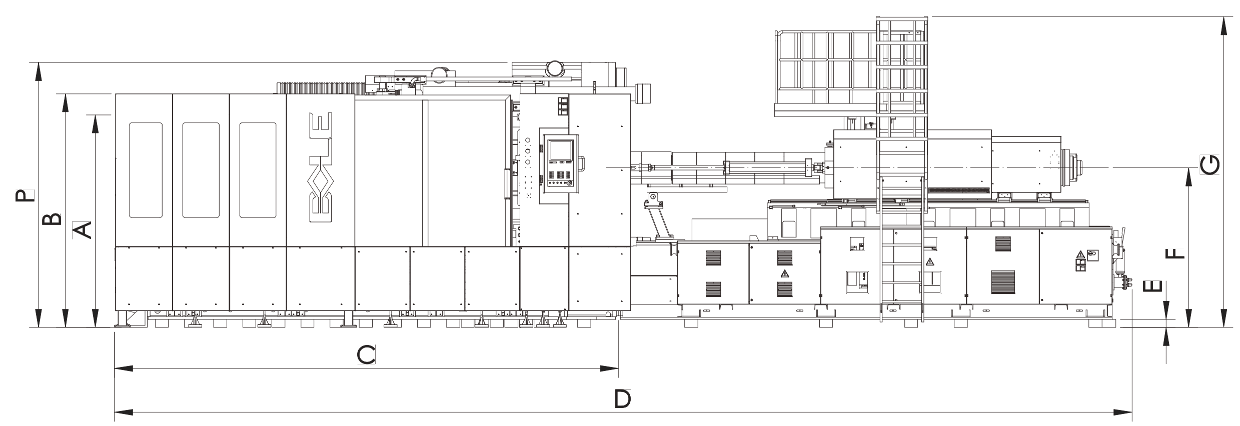
Dimensions of moving platen



Vertical view

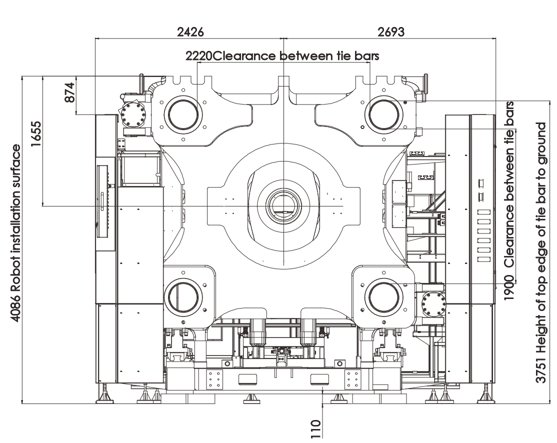


Main view

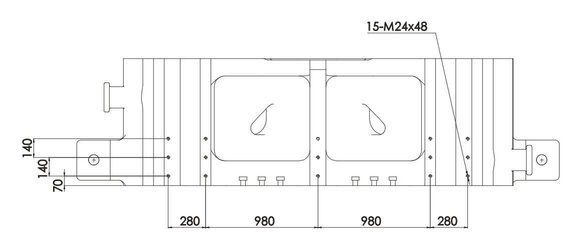


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL3300DK	3212	2990	8938	17908	110	2431	4685	5119	2426	1180	775	995	1780	3700	2513	4086

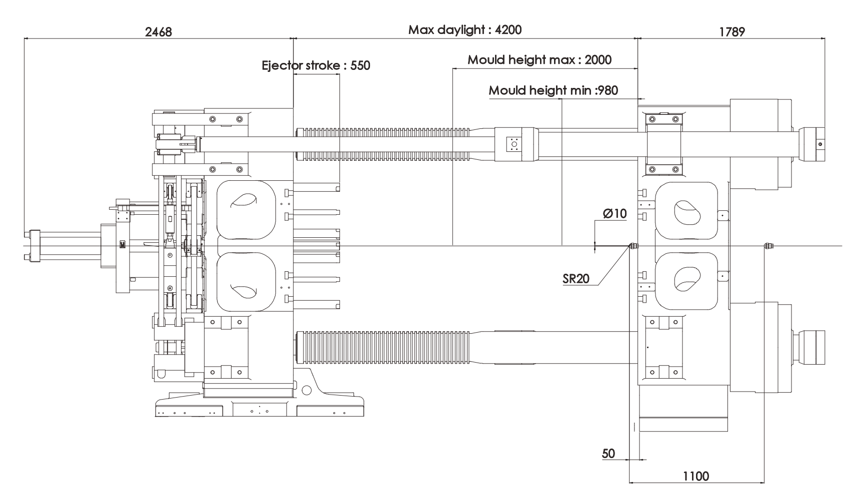
Robot installation dimensions



Robot installation dimensions on stationary platen



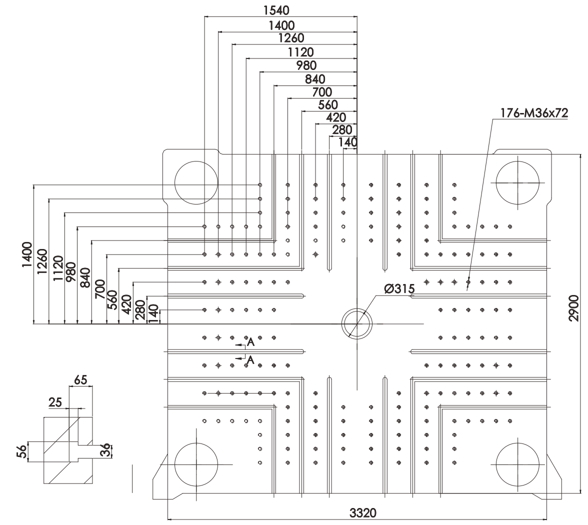
Clamping unit



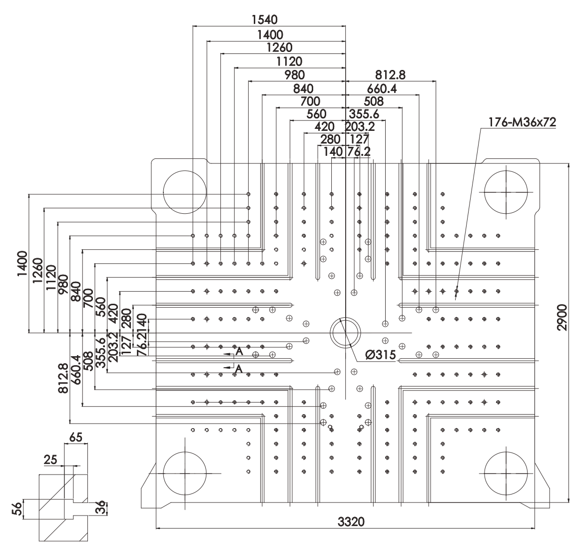
BL 4000DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		**Z79800**		
Screw diameter	mm	200	220	240
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	38013	45996	54739
Max. Shot weight(PS)	g	34972	42316	50360
Max. Shot weight(PS)	oz	1233	1492	1776
Max. Injection speed	mm/s	55		
Injection rate in to the air	cm^3/s	1750	2117	2520
Injection rate in to the air(PS)	g/s	1610	1948	2318
Specific Injection pressure	Mpa	210	174	146
Max. Screw speed	r/min	54		
Clamping Unit				
Clamping force	Ton	4082		
Clamping force	kN	40000		
Size of mould platens(h×v)	mm x mm	3320×2900		
Clearance between tie bars(h×v)	mm x mm	2420×2000		
Opening stroke	mm	3480/2260		
Min. mould height	mm	980		
Max. mould height	mm	2200		
Max. daylight	mm	4460		
Ejector stroke	mm	550		
Ejector force forward	kN	619		
Ejector force back	kN	420		
Number of ejector rods	PC	33		
Driving and Heating				
Installed heater power	kW	216	236	263
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	100000		
Machine weight	ton	254		
Machine dimensions(L×W×H)	m x m x m	20.50×5.32×4.99		

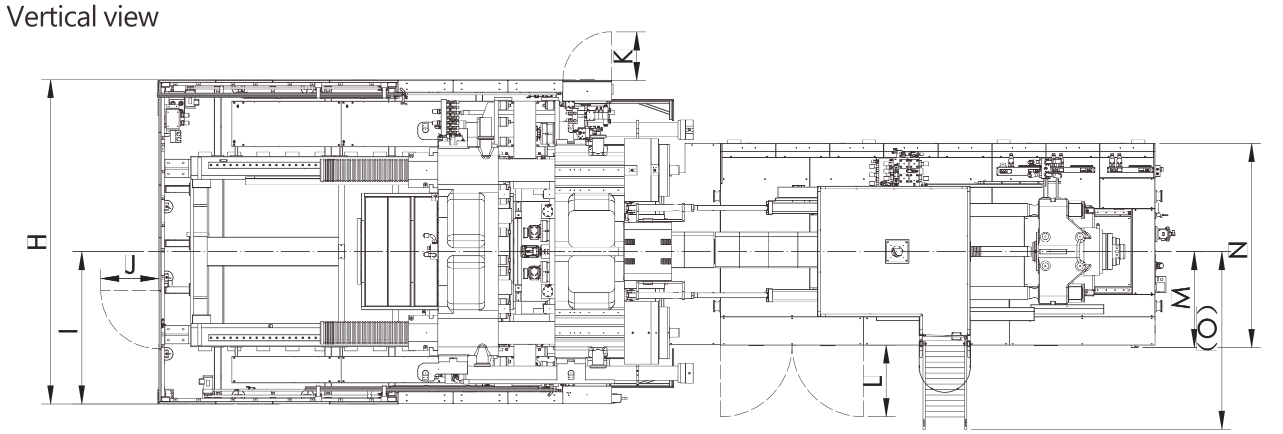
Dimensions of stationary platen



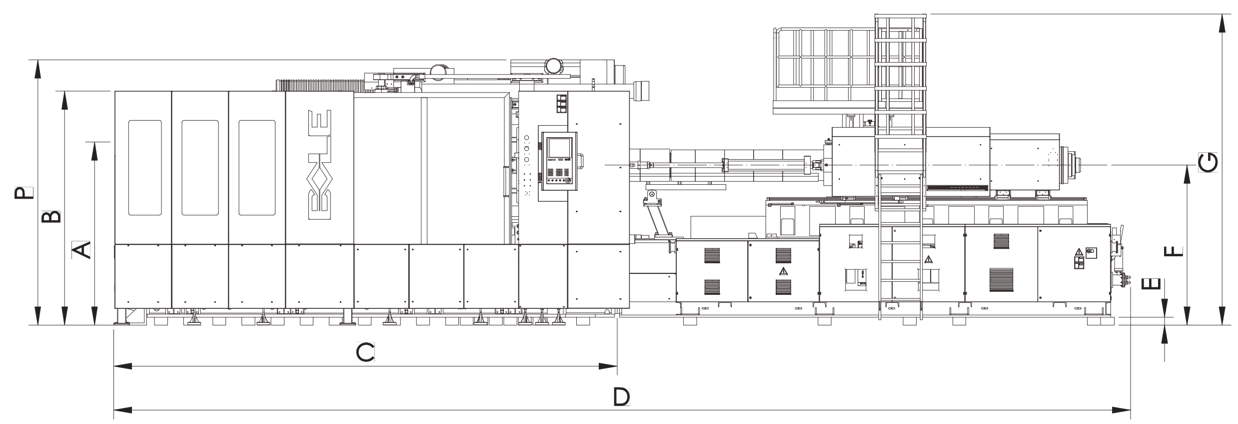
Dimensions of moving platen



Vertical view

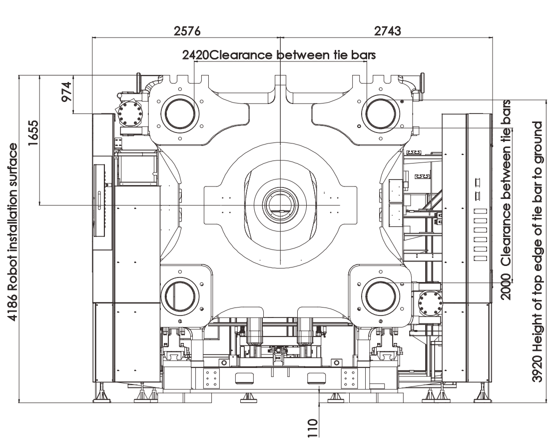


Main view

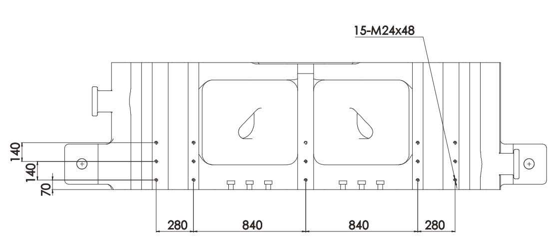


Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BL4000DK	3212	2990	10500	20500	110	2531	4985	5319	2576	1180	775	995	1850	3850	2513	4186

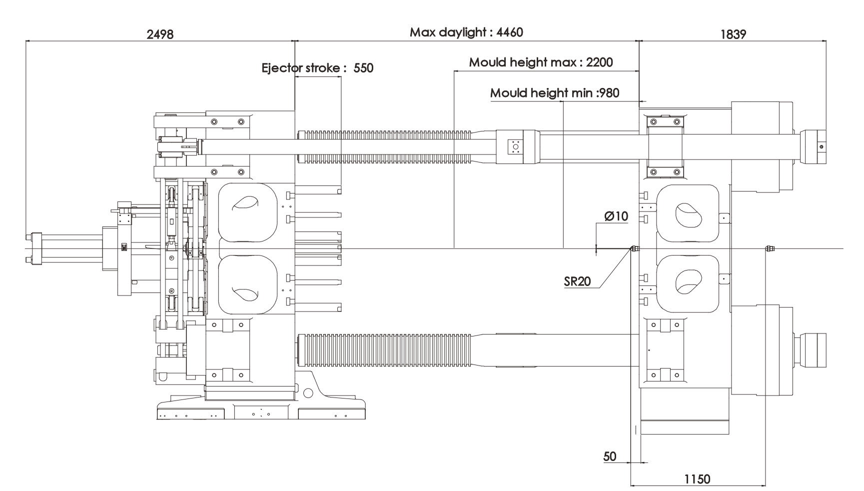
Robot installation dimensions



Robot installation dimensions on stationary platen



Clamping unit



BL 5000DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z79800		
Screw diameter	mm	200	220	240
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	38013	45996	54739
Max. Shot weight(PS)	g	34972	42316	50360
Max. Shot weight(PS)	oz	1233	1492	1776
Max. Injection speed	mm/s	55		
Injection rate in to the air	cm³/s	1750	2117	2520
Injection rate in to the air(PS)	g/s	1610	1948	2318
Specific Injection pressure	Mpa	210	174	146
Max. Screw speed	r/min	54		
Clamping Unit				
Clamping force	Ton	5102		
Clamping force	kN	50000		
Size of mould platens(h×v)	mm x mm	3570×3020		
Clearance between tie bars(h×v)	mm x mm	2550×2000		
Opening stroke		3680/2460		
Min. mould height	mm	1080		
Max. mould height	mm	2300		
Max. daylight	mm	4760		
Ejector stroke	mm	550		
Ejector force forward	kN	619		
Ejector force back	kN	420		
Number of ejector rods	PC	33		
Driving and Heating				
Installed heater power	kW	216	236	263
Drive power	kW	50+50+50+50+50		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2100		
Max. mould weight	kg	100000		
Machine weight	ton	330		
Machine dimensions(L×W×H)	m x m x m	23.5×5.6×5.0		

BL 6800DK
Technical Data

DESCRIPTION	UNIT	Parameter		
International specification		Z119000		
Screw diameter	mm	220	240	260
Screw L/D ratio	L/D	23	23	23
Calculated injection volume	cm³	57780	68763	80701
Max. Shot weight(PS)	g	53157	63262	74245
Max. Shot weight(PS)	oz	1875	2231	2619
Max. Injection speed	mm/s	50		
Injection rate in to the air	cm³/s	2138	2545	2987
Injection rate in to the air(PS)	g/s	1968	2342	2748
Specific Injection pressure	Mpa	208	174	148
Max. Screw speed	r/min	50		
Clamping Unit				
Clamping force	Ton	6939		
Clamping force	kN	68000		
Size of mould platens(h×v)	mm x mm	4150×3450		
Clearance between tie bars(h×v)	mm x mm	3000×2300		
Opening stroke		4200/2900		
Min. mould height	mm	1200		
Max. mould height	mm	2500		
Max. daylight	mm	5400		
Ejector stroke	mm	1000		
Ejector force forward	kN	891		
Ejector force back	kN	616		
Number of ejector rods	PC	33		
Driving and Heating				
Installed heater power	kW	236	263	290
Drive power	kW	50+50+50+50+50+42		
Working pressure	Mpa	17. 5		
Other				
Oil tank capacity	L	2600		
Max. mould weight	kg	180000		
Machine weight	ton	420		
Machine dimensions(L×W×H)	m x m x m	25.5×6.5×6.0		

Combination of Clamp Unit And Injection Unit

Injection unit		Z2950	Z3700	Z4800	Z5900	Z7900	Z13400
Clamp unit		65/70/80	70/80/85	75/85/90	80/90/100	90/100/110	110/120/130
Clamping force	Space between tie bar						
5200	860 × 810	●	◎	◎			
6200	960 × 860	◎	●	◎	◎		
7500	1060 × 920		◎	●	◎	◎	
9500	1160 × 1020			◎	●	◎	◎
11000	1260 × 1120				◎	●	◎
14000	1420 × 1320					◎	●
17000	1620 × 1460						◎
20000	1720 × 1560						◎
23000	1820 × 1620						◎
27000	1920 × 1720						
30000	2020 × 1820						
35000	2220 × 1920						
40000	2420 × 2020						
50000	2800 × 2400						
68000	3200 × 2600						

Injection unit		Z19300	Z25800	Z27300*	Z36800	Z58100	Z79800	Z119000
Clamp unit		120/135/145	140/150/160	170	160/170/185	185/200/220	200/220/240	220/240/260
Clamping force	Space between tie bar							
5200	860 × 810							
6200	960 × 860							
7500	1060 × 920							
9500	1160 × 1020							
11000	1260 × 1120	◎						
14000	1420 × 1320	◎	◎					
17000	1620 × 1460	●	◎		◎			
20000	1720 × 1560	●	◎		◎			
23000	1820 × 1620	◎	●	◎	◎			
27000	1920 × 1720	◎	◎		●	◎		
30000	2020 × 1820	◎	◎		●	◎		
35000	2220 × 1920		◎		◎	●	◎	◎
40000	2420 × 2020		◎		◎	◎	●	◎
50000	2800 × 2400					◎	●	◎
68000	3200 × 2600					◎	◎	●

Remark : ● Standard ◎ Optional

● Standard ◎ Optional

Clamping Unit

Clamping Unit	520-1100DK		1400-3000DK		3500-6800DK	
	Standard	Optional	Standard	Optional	Standard	Optional
T-slot platen (including T-slot+Screw holes)	●		●		●	
Linear guide for movable platen slide shoes	●		●			◎
Anti-sway support + high-rigidity steel belt for movable platen slide shoes					●	
Hydraulic and electrical dual safety protection device	●		●		●	
Automatic mold height calibration	●		●		●	
Clamp force adjust automatically as need	●		●		●	
Euromap U18 robot fixing	●		●		●	
High-precision+Low-pressure mold protection	●		●		●	
Safety footboard in clamp area	●		●		●	
Auto-door with safety edge switch and mold close confirm button	●		●		●	
High-precision electric sensor controlling for clamping and ejecting movement	●		●		●	
A variety of optional ejection patterns, pressure, speed setting respectitely	●		●		●	
Synchronously ejecting/coreopulling function	●		●		●	
Pull back the central ejecting rod to reset forcibly	●		●		●	
Two groups of water flow meter (one in stationary platen and one in moving platen, Below 950DK is 4 in/4 out, above 950DK is 6 in/6out)	●		●		●	
Automatic central grease system with terminal pressure detection	●		●		●	
Two core puller as standard (one in stationary platen and one in moving platen), reserve one core puller in moving platen	●		●		●	
Differential hydraulic circuit for mold open	●		●		●	
Mold open proportional valve	●		●		●	
Emergency stop button on operating side and non-operating side both	●		●		●	
Two sets of air blow	●		●		●	
Magnetic Platen		◎		◎		◎
Hydraulic platen fixture		◎		◎		◎
Tie bar puller		◎		◎		◎
Heat insulation plate for mold		◎		◎		◎
Lager mold height		◎		◎		◎
Quick mold change system		◎		◎		◎
Wider movable door		◎		◎		◎
Increase the ejecting force		◎		◎		◎
Increase the ejecting stroke		◎		◎		◎
SPI Standard platen		◎		◎		◎
Special number requirement of core		◎		◎		◎

● Standard ◎ Optional

Injection Unit

Injection Unit	520-1100DK		1400-3000DK		3500-6800DK	
	Standard	Optional	Standard	Optional	Standard	Optional
Injection unit with linear guide	●		●		●	
The German design with high performance screw and barrel	●		●		●	
Barrel support	●		●		●	
PID Temperature control	●		●		●	
Closed type guard and nozzle safety guard	●		●		●	
Injection stroke control with high precise transducer	●		●		●	
Nozzle center fine-tuning device	●		●		●	
Tinning heating,time delay setting for screw cold start	●		●		●	
Melt antidribbling device	●		●		●	
Screw rotational speed detection	●		●		●	
Automatic clear material function	●		●		●	
Plasticizing ratio back pressure	●		●		●	
Carriage manual control central lubrucation	●		●		●	
Lengthen nozzle,50mm	●		●		●	
Ceramic heating ring	●		●		●	
Auxiliary equipment injection signal interface	●		●		●	
Temperature control for the feed opening	●		●		●	
Carriage Automatic central lubrucation	●		●		●	
Bearing type movable hopper seat,standard hopper	●			◎		◎
Hydraulic synchronized plasticizing system		◎			◎	
Feeding platform,no standard hopper		◎	●			●
Special screw and barrel (electroplate,fully hardening,bimetal,PC,PMMA,PBT,PA)		◎		◎		◎
Lengthen nozzle,100mm		◎		◎		◎
Spring or hydraulic nozzle		◎		◎		◎
Bigger injection unit with smaller clamping unit		◎		◎		◎
Smaller injection unit with Bigger clamping unit		◎		◎		◎
Infrared heating ring		◎		◎		◎
Barrel air cooling device		◎		◎		◎
Electric plasticizing		◎		◎		◎
Master bathc machine inferface signal plasticzing		◎		◎		◎
Micro foaming molding		◎		◎		◎
Upgrade plasticizing motor		◎		◎		◎
Nitrogen injection function		◎		◎		◎

● Standard ◎ Optional

Control Unit & Hydraulic Unit

Control Unit & Hydraulic Unit	520-1100DK		1400-3000DK		3500-6800DK	
	Standard	Optional	Standard	Optional	Standard	Optional
Computer KEBA (12"Touch screen)	●		●		●	
Multiple opearating language	●		●		●	
Three color alarm lamp	●		●		●	
Real-time mold closing force momitoring	●		●		●	
USB interface for easy program update and data backup	●		●		●	
Power off memory function	●		●		●	
Abnonmal alarm and modified record	●		●		●	
Multi level password protection,password change according to the different authorization levels to prevent process data change mistake	●		●		●	
Input and out detect and I/O online simulation	●		●		●	
Quality data process control interface	●		●		●	
Statistical process contorl(spc)realtime monitoring and recording	●		●		●	
Cable socket:5 pin 32Ax2,5 pin 16Ax1,3 pin x2	●		●		●	
Industry 4.0	●		●		●	
Servo energy saving system	●		●		●	
Oil temperature deviation automatic alarm	●		●		●	
Motor overload protection	●		●		●	
Euromap67 manipulator interface	●		●		●	
Independent cooling filtration system	●		●		●	
Computer KEBA (15")		◎		◎		◎
Process data protection lock		◎		◎		◎
Hot runner interface		◎		◎		◎
Special requirements for cable socket		◎		◎		◎
Contrate intent control and online control system		◎		◎		◎
Real-time energy consumption momitoring		◎		◎		◎
The computer has built-in operation instruction to view the function		◎		◎		◎
Multiple sets of sequential injection function		◎		◎		◎
Upgrade servo pump system		◎		◎		◎

● Standard ◎ Optional

Other parts

Other parts	520-1100DK		1400-3000DK		3500-6800DK	
	Standard	Optional	Standard	Optional	Standard	Optional
BOLE standard color	●		●		●	
Machine leveling pad	●		●		●	
L-shaped fixed block	●		●		●	
Tool Box	●		●		●	
Magnetic stand	●		●		●	
Special color		◎		◎		◎
Robot		◎		◎		◎
Dry hopper		◎		◎		◎
Auto-feeding machine		◎		◎		◎
Fumigated wood box		◎		◎		◎
Plate for pick-up the products		◎		◎		◎
Hudraulic oil		◎		◎		◎
Multiple language for alarm lable		◎		◎		◎
Anchor bolt		◎		◎		◎