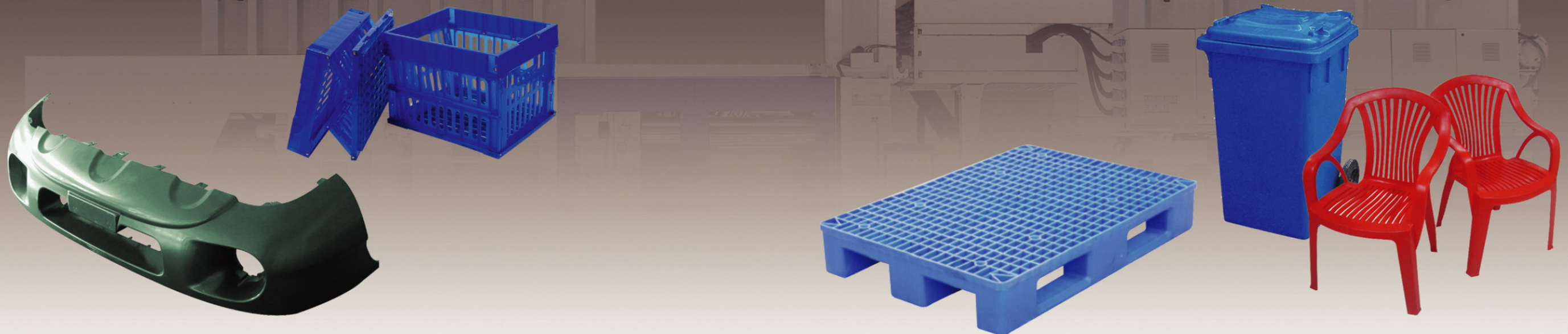
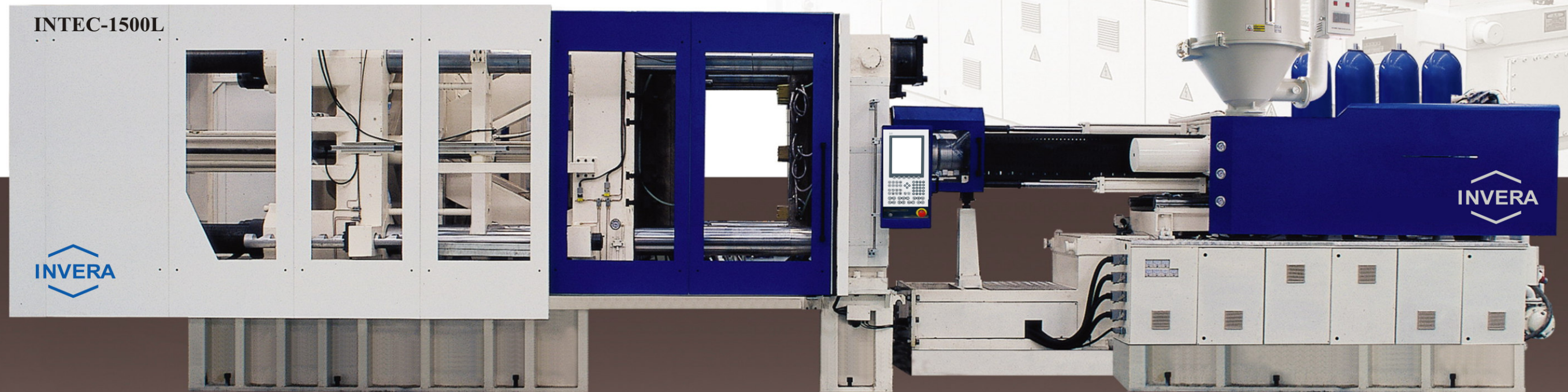


INTEC-L SERIES



INTEC-L series large injection molding machine is specially designed for car's bumpers, beach chairs, industrial boxes, and garbage cans etc. with short cycle time.

High frame for INTEC 400L ~ INTEC 1500L make it easy to take products from bottom of the frame. Even for large products the machines can run automatically. Multi loop hydraulic system with function of charging and eject when molds open shorten much the cycle time.

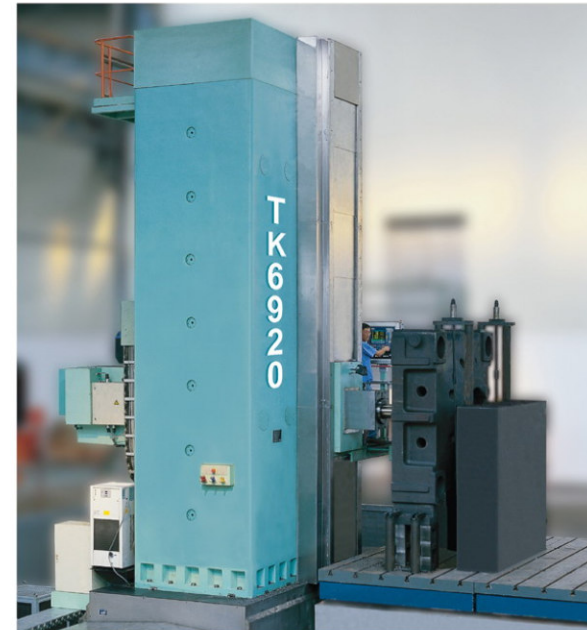
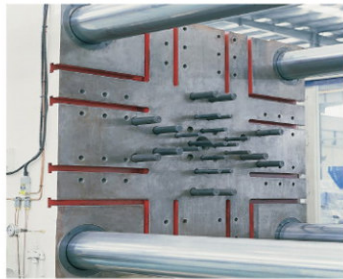


INTEC-L SERIES



CLAMPING UNIT

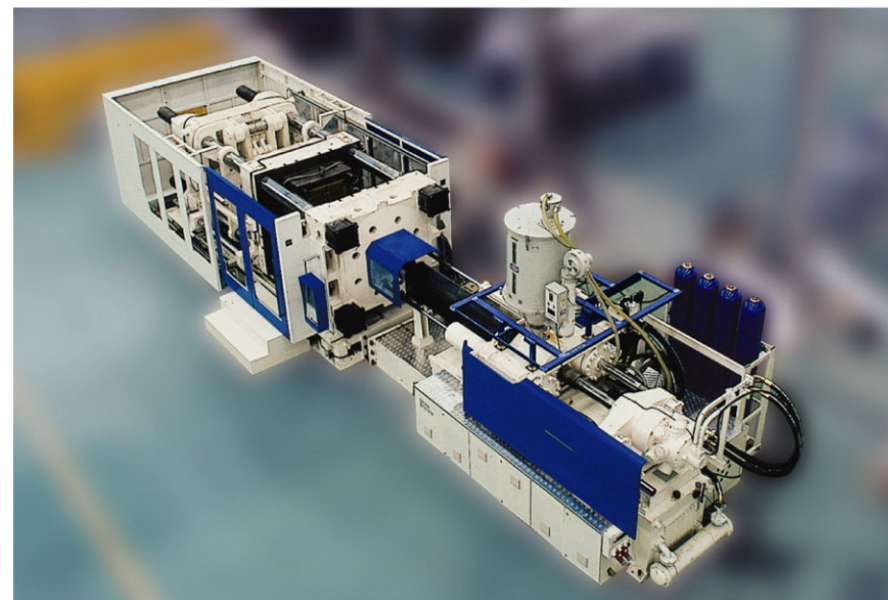
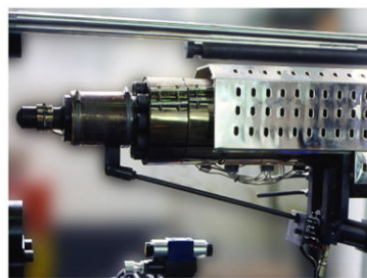
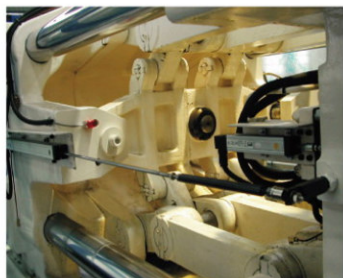
- Five points tri-toggle clamping unit, finite-element analysis for platen design and modular structure guarantee rigidity of clamp as well as prolonged operation life.
- Thread hole or T slot(export) for varies mould setting.
- Self-lubricated bushes in toggle system.
- Automatically centralized lubrication system composed of high-quality lubrication components, with oil-out alarm.
- Automatic meticulous mould adjustment according to the preset clamping pressure.
- Hydraulic support to moving platen, reduces friction between tie bar and platen.
- Higher frame make it easy to take out products and run automatic.



Big CNC boring machine ensure the plate size accurate.

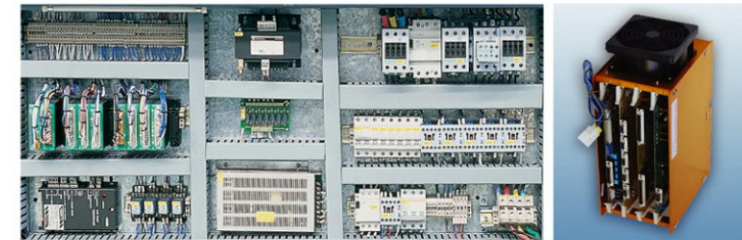
INJECTION UNIT

- Specially designed nitride steel screw for PE, PC(L/D 1:25, double flights)and bimetallic screw(option) for corrosive materials or fiber glass.
- Twin cylinder nozzle movement and balance on both sides ensuring no skewing on spray nozzle and no leaking of materials.
- Hydraulic shut off nozzle. Mold opens, ejects when charging.



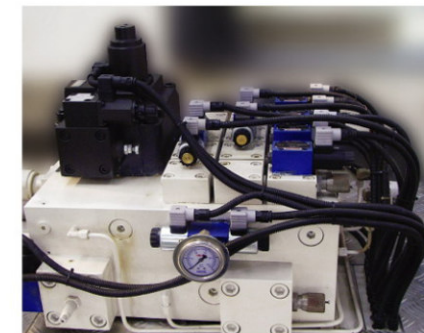
ELECTRIC UNIT

- Professional controller with multiple languages in.
- Injection, clamping and ejection transducers.
- Mechanic, electric and hydraulic mould safety protection.
- Waterproof cabinet. Electric parts from famous brands to ensuring high quality.



HYDRAULIC UNIT

- Hydro-motor, pumps, valves, seals and high pressure hoses from prestigious brands ensuring high quality.
- Pressure & speed dual proportion load induction hydraulic system.
- Multi loop hydraulic system, shorten the cycle time.
- 3 groups of core pulling.



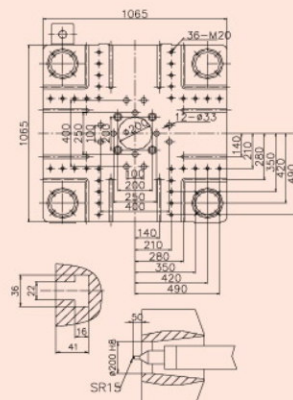
INTEC-L SERIES



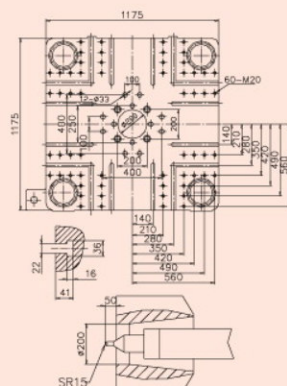
SPECIFICATION

			400L		500L		650L		850L		1000L		1500L		1800L		2200L		2800L	
			A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
INJECTION UNIT	Screw Diameter	mm	75	80	80	85	90	100	100	110	110	120	130	140	140	150	160	170	210	220
	Screw L/D Ratio		25	23.4	25	23.5	25	22.5	25	22.7	25	22.9	25	23.2	25	23.3	25	23.5	25	23.9
	Theoretical Shot Volume	cm ³	1590	1809	2005	2263	3002	3706	3997	4836	5027	5983	7950	9220	10606	12175	15863	17908	43606	47858
	Injection Weight (PS)	g	1447	1646	1825	2060	2732	3372	3637	4401	4575	5445	7235	8390	9651	11079	14435	16296	39681	43551
	Injection Rate into Air	cm ³ /s	533	606	641	724	750	926	900	1089	980	1166	1158	1343	1270	1458	1690	1908	2488	2730
	Injection Pressure	bar	1523	1339	1639	1452	1770	1434	1769	1462	1736	1459	1666	1437	1680	1463	1524	1350	1552	1414
CLAMPING UNIT	Screw Speed	rpm	0~244		0~226		0~169		0~123		0~122		0~122		0~102		0~92		0~130	
	Clamping Force	KN	4000		5000		6500		8500		10000		15000		18000		22000		28000	
	Clamping Stroke	mm	700		770		900		1000		1100		1250		1520		1700		1810	
	Space Between Tie Bar	mm	720 × 720		800 × 800		900 × 900		1000 × 1000		1150 × 1150		1360 × 1200		1600 × 1480		1750 × 1620		1850 × 1650	
	Max. Mold Height	mm	730		800		920		1000		1200		1400		1550		1600		1850	
	Min. Mold Height	mm	220		250		320		350		400		600		650		700		700	
OTHERS	Eject Stroke/Force	mm/KN	180/126		231/152		245/181		280/212		323/282		350/282		400/407		400/502		403/554	
	No. Of Ejector Pins	piece	13		13		17		21		21		25		25		29		29	
	Max. Pump Pressure	MPa	16		16		16		16		16		16		16		16		16	
	Pump Motor Power	KW	22+30		22+45		55+30		55+45		55+55		55+75		75+75		75+55+55		75+75+55+55	
	Heater Power	KW	21		30		50		68		78		85		95		120		184	
	Hopper Capacity	Kg	100		100		160		160		200		200		200		200		200	
	Oil Tank Capacity	L	720		900		1300		1500		2200		2500		2900		4100		4500	
	Machine Dimension(L × W × H)	m	8.1 × 2.25 × 2.45		8.9 × 2.35 × 2.5		10 × 2.5 × 2.5		10.5 × 2.7 × 2.8		12.1 × 2.88 × 3.54		13.7 × 3.2 × 3.64		15.6 × 3.5 × 3.7		17.5 × 3.9 × 4		21.5 × 4.2 × 4.3	
	Machine Weight	T	15.5		23		35		49		59		76		123		140		220	

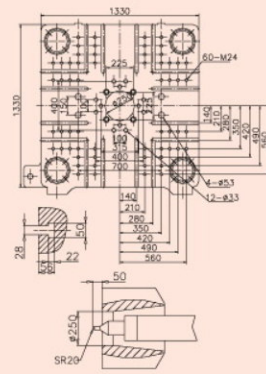
Due to continuous improvements, we reserve the right to amend any aspect of the above specifications without notice.



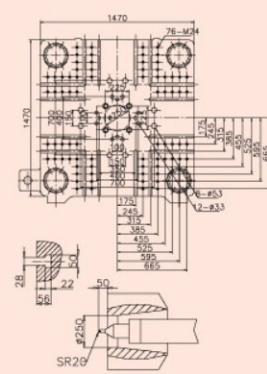
400L



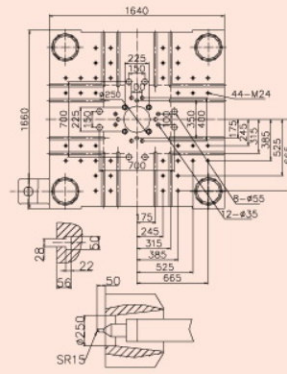
500L



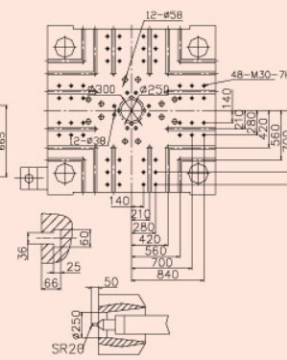
650L



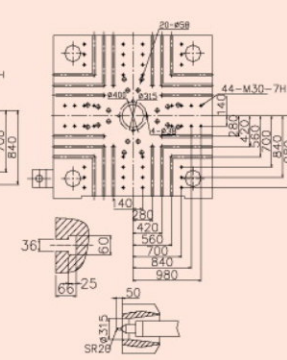
850L



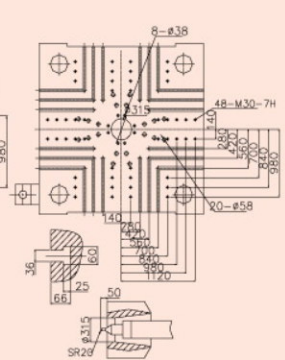
1000L



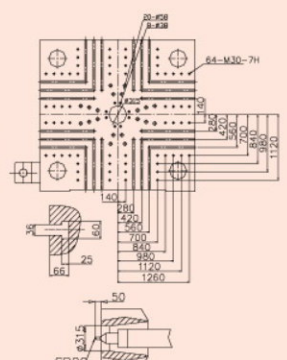
1500L



1800L



2200L



2800L

INTEC-L SERIES



Standard

Injection unit

Double cylinder injection system
High quality barrel and screw
Steel hopper
Double cylinder nozzle move
Multi stages of speed, pressure and position for injection, hold on and charge
Position or time hold on changeover
Injection cushion monitoring
Screw position transducer control
Prevent the screw cold start
Nozzle cover
Low speed-high torque screw drive motor
Barrel swiveling ,easy screw change(1800t up)
Close loop barrel temperature control
Water cooling for hopper throat
Barrel cover to prevent heat damager
Nozzle center adjust
Screw RPM show.

Clamping unit

Five points double toggle clamping unit
Transducer for mold open and close position
Box model platen; T Slots(export)
Mechanical safety device
Multi stage of mold open/close speed ,pressure and position
Multi ejector model
Ejector position transducer
Wear-resistant supporting tracks for moving platen
Water flow regulator for mold
Auto centering lubrication system
Fast mold close
Balanceable moving platen support (650 ton up)
Excellent alloy steel tie bar
Automatic mold height adjustment
Automatic safety door(650t up)
Low pressure mold protection

Hydraulics

Proportional pressure and speed control
Oil temperature control and alarm
Oil suck filter
Air filter system

Electronics

8" lcd color screen (10" for 650 tons up)
80 sets of mold memory
Molding condition monitoring with alarm
Barrel temperature monitoring and thermocouple break alarm
Electric motor safety protection
System hardware I/O testing function
Emergency stop safeguard device
Alarm lamp
Interface for printer and floppy driver

Accessories

Adjustable machine leveling pads
Easily damaged spare parts
Professional tools
Extended nozzle
Clamp
Manual

Optional Device

Wide range of injection unit for specific applications
Wide selection of special plasticizer subassembly for specific customer applications
Special material screw and barrel
Extended, spring and hydraulic shut off nozzle
Accumulator fast injection
High sensitive hydraulic mold protect fittings
Core pull fittings
Air blast fittings
Glass water regulations
SSR
By-pass oil filter
Magnet for hopper
Self seal suck filter
Photoelectric check for mold
Monitor and control at far way in internet

Auxiliary Equipments

Injection mold
Gas atic assisted injection device
Robot and conveyer
Dehumidifying dryer
Mold temperature controller
Hopper dryer & vacuum autoloader
Chiller
Cooling tower
Crusher
Mixer
Other equipment , including full production lines

