

STANDARD EQUIPMENT LIST

Unit	Equipment	Model / Controller		
		J-EIII	J-EIII-P	
		SYSCOM2000		
Injection and Plasticizing Unit	Open nozzle (tip type)	O	O	
	N2000F cylinder ¹⁾	O	O	
	Screw torque changeover	O	O	
	Swivel for injection unit	O	O	
	Purge cover (with LS)	O	O	
	Cold screw start-up prevention	O	O	
	Mold Pause changeover function	O	O	
	Automatic purging circuit	O	O	
	Sprue break timing selection	O	O	
	Suck back timing selection	O	O	
	Injection and rotation program control	Injection speed	1~6 steps (adjust.)	
		Injection pressure	1~6 steps (adjust.)	
		Holding pressure	1~6 steps (adjust.)	
		Screw speed	1~3 steps (adjust.)	
		Screw back pressure	1~3 steps (adjust.)	
		Suck back	O	O
	Changeover to holding pressure by sensing injection speed (IVS Control)	O	O	
	Shift injection profile #	O	O	
	Cylinder temperature remote setting (PID control)	O	O	
	Nozzle temperature control (SSR)	O	O	
Closed-loop control by accumulator	x	O ²⁾		
Soft Pack Servo	x	O ²⁾		
Mold Clamping Unit	Self-lubricating toggle bushings	O	O	
	Automatic Greasing	O	O	
	High performance mold platen support	O	O	
	Remote setting of mold open/close speed	O	O	
	Remote setting of moving platen position	O	O	
	Automatic mold height adjustment	O	O	
	Remote setting of mold height	O	O	
	Remote setting of ejector speed	O	O	
	Remote setting of ejector position	O	O	
	Automatic mold clamping force setting	O	O	
	Mechanical stop of mold opening stroke	O	O	
	Mold protection device	O	O	
	Safety devices (hydraulic, electric and mechanical)	O	O	
	Take-out robot mounting holes	O	O	

O: standard x: not available for option. #: Patented registered

Notes:

1) Any one set of A, B or C is standard specification (screw is metal plated.). "K" size is optional.

2) Optional for machines of J280EIII, J350EIII and J450EIII.

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Hydraulic Unit and Related Equipment	Energy saving hydraulic circuit by multi pump selection	O	O
	Energy saving circuit for screw rotation	O	O
	Oil temperature stabilizer	O	O
	Oil preheating circuit	O	O
	Oil filter circuit	O	O
	Oil low level alarm	O	O
	Oil temperature alarm/Upper and lower limits	O	O
	Oil filter clogging alarm	O	O
	Mold cooling water closed circuit (with flow indicator)	O	O
	"Y" strainer of cooling water ³⁾	O	O
Controller	TFT color LCD controller with SYSCOM touch panel	Color	Color
	Memory of molding conditions	Int.	Int.
	Data card	O (one)	O (one)
	Soft touch start-up function	O	O
	Printer output terminal ⁴⁾	O	O
	Self-diagnostic function	O	O
	Overall set screen	O	O
	Molding support function (Basic system)	O	O
	Time clock	O	O
	Unmanned operation switch	O	O
	Robot interface	O	O
	Japanese/English switching function	O	O
Monitor	Cylinder temperature monitoring function	O	O
	Heater circuit break	O	O
	Injection pressure monitor (IPM)	O	O
	Injection wave form monitor	O	O
	Injection wave form storage	O	O
	Statistical graph display (SPC)	O	O
	Table display	O	O
	Display of mold temperature ⁵⁾	O	O
	Link and bushing greasing counter	O	O
	Abnormal alarm buzzer	O	O
	Production monitoring ⁶⁾	O	O
	Cycle time error	O	O
	Cycle monitor	O	O
	Molding condition upper/lower limit monitor (SQC) ⁷⁾	O	O
	Maintenance service ⁸⁾	O	O
	Alarm history	O	O
Set value history	O	O	

Notes:

3) Available for oil cooler circuit only.

4) The printer, printer cable and receptacle are optional.

5) Sensor and cable are not included.

6) Setting of production quantity and advance notice are possible and completion time is displayed.

7) Monitoring functions of the following particulars are equipped as standard.

(Cycle time, injection time, rotation time, cushion, injection start position, changoover position to holding pressure,injection pressure, changeover pressure to holding, mold opening closing time, screw back pressure)

8) Maintenance service time and areas are displayed.