

Offices / Technical Support

Ask us.

Shibaura Machine brings a depth of experience and expertise to help you create the ideal molding solution. With locations across the country, plus on-site assistance when you need hands-on help, you get the customer assistance and technical support to help you excel.

Shibaura Machine Company, America – Chicago Head Office

755 Greenleaf Avenue
Elk Grove Village, IL 60007 USA
Ph: 888-593-1616
Email: im-insidesales@shibaura-machine.com
Sales, Service, Technical Center and Technical Support

Shibaura Machine Company, America – Los Angeles Office

1440 South Balboa Avenue
Ontario, CA 91761 USA
Ph: 888-593-1616
Email: im-insidesales@shibaura-machine.com
Sales, Service, Technical Center and Technical Support

Shibaura Machine Company, America – New Jersey Office

1578 Sussex Turnpike South
Randolph, NJ 07869 USA
Ph: 888-593-1616
Email: im-insidesales@shibaura-machine.com
Sales, Service, Technical Center and Technical Support

Shibaura Machine Company, Canada Ltd – Canada Office

6 Shields Court, Suite 101
Markham, ON L3R 4S1 Canada
Ph: 888-593-1616
Email: im-insidesales@shibaura-machine.com
Sales, Service, Technical Center and Technical Support

Shibaura Machine Company, América – Mexico Office

Circuito Luxma No. 115, Polígono Industrial Mileno, 37290
Leon, Gto, Mexico
Ph: (52) 477-101-8600
Email: im-insidesales@shibaura-machine.com
Sales, Service, Technical Center and Technical Support

Shibaura Machine
www.Shibaura-Machine.com



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EC-SX^{III}
ELECTRIC INJECTION MOLDING MACHINE



New V70 controller let's you see the BIG PICTURE
right down to the smallest details

Watch the ECSXIII video.

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The New ECSXIII



Smart and intuitive, the new, bigger, 19-inch high-resolution V70 touch-screen controller gives you more data and more resource at your fingertips.

If you have a Shibaura machine, programming is easy and familiar. If you are new to Shibaura, this new controller will make you wish you already had one.

The industry's best all-electric injection molding machine just got smarter. Introducing the new ECSXIII from Shibaura Machine. The first all-electric injection molding machine equipped with the V70, Shibaura's most powerful, intelligent, user-friendly controller ever.

With the ECSXIII, molders get a machine that delivers fast injection speeds and dry cycle times, ensures longer mold life and provides more uniform clamping force, for greater productivity, flexibility and versatility, job after job.

With the new V70, you get a controller designed with the smart factory in mind, one that's capable of integrating with auxiliary equipment via OPC-UA communication. Packed with new tools for speeding up mold set ups, optimizing cycle times, analyzing part defects, troubleshooting molding defects and more, giving you a faster payback on your machinery investment.

This all-in-one smart factory system is ideal for virtually any molding application, from automotive and aerospace, to packaging, medical and more.

Tour the new V70 Controller

Watch the V70 video.



Molders who've used Shibaura's V-series controllers will be immediately comfortable with the new V70. Those new to the controller will find it easy to learn and even easier to use. With the V70, you get:

19" High Resolution Touchscreen – Twice the size of previous touchscreens, with touch/swipe functionality and greater visibility of data.

True Split Screen Capability – View two screens simultaneously and get the information you need to enhance machine operation and productivity.

Auxiliary equipment integration – The new V70 is capable of integrating with robots, hot runners, mold temperature controllers and other add-on equipment, providing operators with a single point of control for the entire molding process. (Additional programming required.)

Clamp Customization – New graphic interface allows you to drag and drop icons and create a custom clamp open and close sequence. Data is saved and confirmed at set up, resulting in fewer errors, less mold damage and increased productivity.

Auto Shutdown – You can also use the V70's graphic interface to drag and drop icons to create a custom sequence to automatically shut down the machine at the end of each production run, saving time and ensuring consistency.

Onscreen PDF Library – The new V70 gives you fast, onscreen access to the complete ECSXIII machine manual. You can also add other PDFs -- auxiliary equipment manuals, part quality



documentation, operating procedures – to create a digital library of technical data.

Onscreen Analysis and Troubleshooting

Tools – New tools on the V70 include a cycle analysis screen with a graphic breakdown showing areas where time can be reduced.

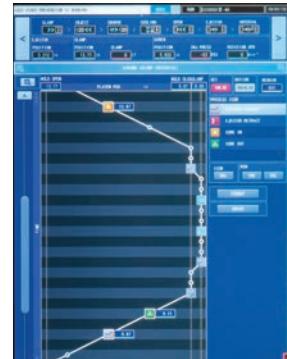
Also new is a Molding Support function providing solutions to common molding



History - Set, Alarm, Stop, Operation



PDF Manual On Board



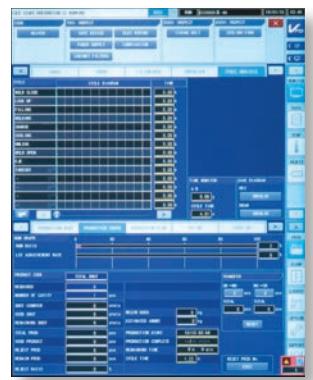
Drag & Drop Clamp Sequence Setting



Molding & Setup Support



PDF Library



Cycle Time Analysis

defects, plus troubleshooting tools like a Labeled I/O Checker and Interlock Display with real-time status of inputs, outputs and machine interlocks.

Expanded capacity – The new V70 saves monitoring data for the last 100,000 shots – 100 times more than previous controllers. Also expanded are machine alarm, set and stop history, with the V70 saving the last 1,000 of each. Compared to previous units, the new V70 also separates fill time from hold time.

iPAQET Remote Access and More (Optional) – Get remote access to the V70 anytime, anywhere with the iPAQET Data Management System. Also included are additional production monitoring, data collection and analysis tools.



Drag & Drop Auto-Shut Down Sequence



Monitor Molding Data



I/O Checker & Machine Interlocks



Integrated Hot Runner Control & Robot

Industry 4.0 – With its OPC-UA architecture supporting Euromap 63 and Euromap 77 communication, wide range of auto-correcting functions and more, the new V70 is the most powerful, flexible tool on the market for achieving your vision of Industry 4.0.

Features & Benefits



Video

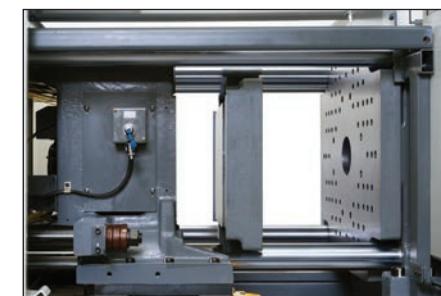
The ECSXIII's 5-point Link-line toggle mechanism is angled to distribute force evenly across the platen, increasing quality and minimizing defects. It has the added benefit of extending mold life and reducing machine maintenance.



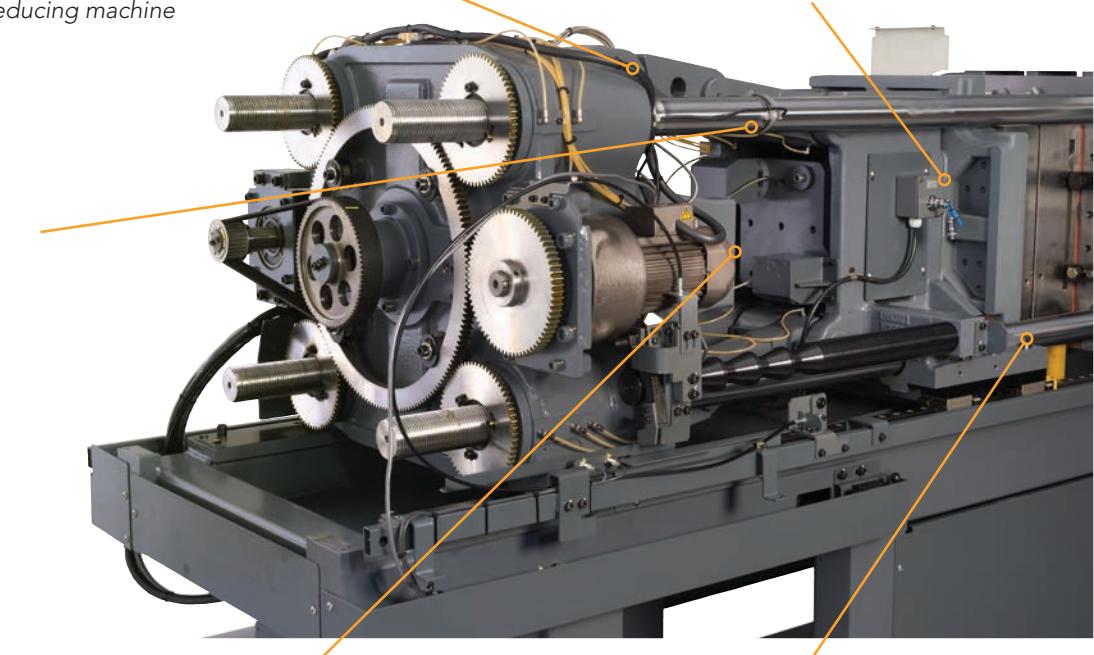
Strain gauge adjusts tonnage automatically and on the fly during the cycle. This ensures accurate tonnage at all times.



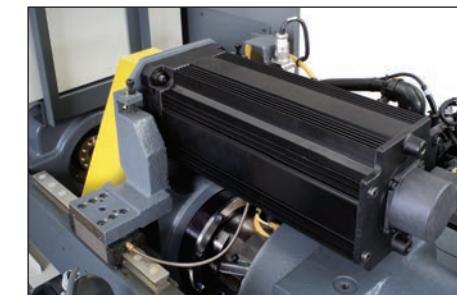
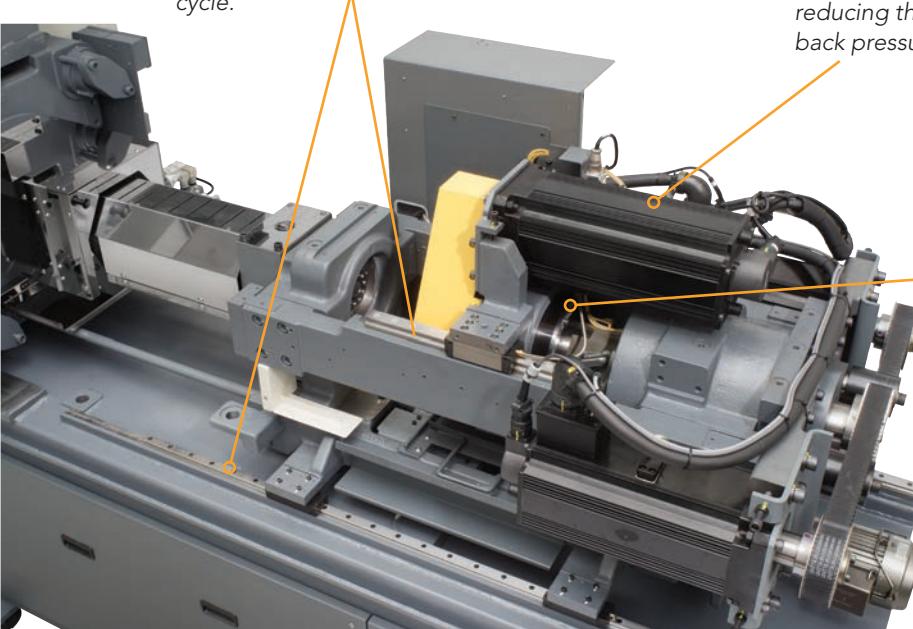
Ball screws are designed to push heavier loads, spreading the load across a much larger surface area than conventional ball screws.



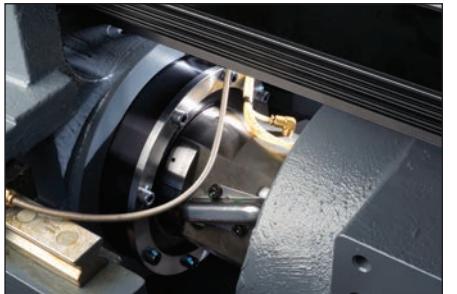
On 30 - 390 ton units the two-piece removable platens can be changed out in 15 minutes giving you extraordinary flexibility. On larger units the moving platen is removable.



(S3) Simple, Steady, Smooth – Friction free drive system ensures more accurate injection speed and back pressure control, improving shot-to-shot repeatability throughout the processing cycle.



The heavy weight on the injection unit is supported on linear guides, greatly reducing the drag of injection and back pressure.



The ECSXIII uses an advance load cell which ensures accurate control of injection pressure. In combination with the V70 controller, this load cell achieves Scientific Molding over the balance of the mold without the use of internal transducers.



With bushing-free, grease-free tie bars, there's less chance of contaminating molded parts, increasing your shop's quality.



Easy access to tie in the ejection plate to the press, for faster, easier mold changes.



You can now fit hydraulic power units directly under the ECSXIII, thanks to the machine's redesigned, space-saving frame (power units not included). Its streamlined design also allows easy access to electrical panels and components. (Note: 55-390 ton only.)

Shorten Cycle Times with Simultaneous Motion – Standard on the ECSXIII

Simultaneous motion is standard on the new ECSXIII. Cycle times can be improved up to 30% with the combination of simultaneous motion and high speed movement.

Eject on the fly

Eject parts as the clamp opens, dramatically improving cycle times. In most cases, the mold opens and closes without a pause for ejection.

Lap sequence

Allows injecting as soon as the mold halves touch. Improves cycle time and venting of the tool.

Clamp relax

The clamp immediately relaxes during cooling, taking more time off the cycle.



Additional simultaneous sequences that shrink your cycle times

- Opening the mold while charging.
- Pulling the core in and out on the fly.

Stress reduction

Coining, which allows the injection to start at lower tonnage and increase to full tonnage during injection, reduces internal stress on the parts.

Repeatability at high speeds

Even at top speed, with multiple functions working seamlessly in tandem, there is no loss of precision or accuracy.

Options for Greater Flexibility & Productivity



Integrated control panel up to 390 ton only. Box-style control panel on larger units.



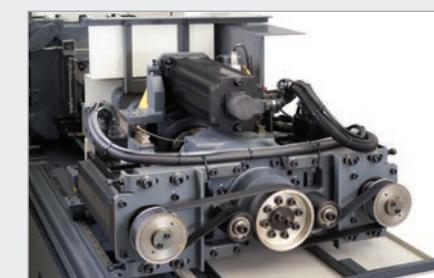
Control on the V70 controller

Built-in Mold Master Hot Runner

Minimize your footprint by integrating the control panel into the machine, or controlling the Mold Master Hot Runner on the V70 controller.

Add secondary units seamlessly

Easily retrofit the two-shot Mold Master secondary injection unit to any ECSXIII. Use the stand-alone control for the greatest programming flexibility.



Boost productivity with FIDS

With Shibaura's new FIDS (flexible injection downsize system), you can easily adapt ECSXIII machines down to shot sizes as small as 0.43 oz. (Engineering review required.)

Speed up injection

Optional twin motors are available to boost the ECSXIII's injection speed up to 500 mm/sec. (Note: i17 injection unit and below.)

Optional Shibaura Machine IPAQET3 Remote Monitoring Management Software

As an option, molders can upgrade to the full version of IPAQET, a powerful data management platform enabling you to monitor up to 100 molding machines from

any location in real-time. IPAQET also provides you with production monitoring, data collection and analysis, machine operation status, resin lot monitoring and more.



	ITEM	UNIT	EC55SXIII				EC85SXIII								
CLAMP	Clamping Force		tf	50		75									
			US Ton	55		83									
	Tie Bar Distance	H x V	mm	410 x 360		410 x 360									
		H x V	in	16.1 x 14.2		16.1 x 14.2									
	Platen Dimension	H x V	mm	510 x 460		580 x 530									
		H x V	in	20.1 x 18.1		22.8 x 20.9									
	Clamp Stroke		mm	300		300									
			in	11.8		11.8									
	Maximum Daylight		mm	670		770									
			in	26.4		30.3									
INJECTION	Mold Height	Min. ~ Max	mm	150 ~ 370		150 ~ 470									
		Min. ~ Max	in	5.9 ~ 14.5		5.9 ~ 18.5									
	Ejector Force		tf	2.0		2.0									
			US Ton	2.2		2.2									
	Ejector Stroke		mm	70		70									
			in	2.76		2.76									
	Injection Unit		U1.5				U22								
	Barrel Code		1YZ	1Y	1.5Y	1.5A	1Y	1.5Y	2Y	2A	2B				
	Screw Diameter	mm	20	22	25	28	22	25	28	32	36				
		in	0.79	0.87	0.98	1.10	0.87	0.98	1.10	1.26	1.42				
GENERAL	Injection Capacity	cm³	31	38	55	69	38	55	78	102	130				
		in³	1.92	2.32	3.35	4.21	2.32	3.35	4.81	6.28	7.95				
	Shot Volume	PS	g	29	35	51	63	35	51	72	94	120			
			oz	1.02	1.23	1.80	2.22	1.23	1.80	2.54	3.32	4.23			
		PE	g	23	28	40	50	28	40	57	75	95			
			oz	0.81	0.99	1.41	1.76	0.99	1.41	2.01	2.65	3.35			
	Maximum Injection Pressure		MPa	270	270	276	220	270	276	287	220	174			
			PSI	39200	39200	40000	31900	39200	40000	41600	31900	25200			
	Maximum Holding Pressure		MPa	270	270	276	220	270	276	287	220	174			
			PSI	39200	39200	40000	31900	39200	40000	41600	31900	25200			
	Injection Velocity		STD	mm/s		200		200							
			in/s	7.9		7.9									
	Injection Rate		STD	cm³/s	63	76	98	123	76	98	123	161	204		
				in³/s	3.84	4.64	5.98	7.51	4.64	5.98	7.51	9.8	12.4		
	Injection Velocity		HIGH SPEED	mm/s		500		500							
				in/s		19.7		19.7							
	Injection Rate		HIGH SPEED	cm³/s	157	190	245	308	190	245	308	402	509		
				in³/s	9.58	11.6	15.0	18.8	11.6	15.0	18.8	24.5	31.1		
	Plasticizing Capacity		PS	g/sec	3.9	6.1	6.9	9.7	6.1	6.9	11.1	16.9	23.1		
				oz/sec	0.14	0.22	0.24	0.34	0.22	0.24	0.39	0.60	0.81		
	Screw Speed			rpm	430	420	390	390	420	390	400	390	350		
	Screw Torque			N-m	109	143	204	280	143	204	280	407	407		
				Ibf-ft	80.4	105	150	207	105	150	207	300	300		
	Nozzle Touch Force			kN	17.6			17.6							
				US Ton	2.0			2.0							
GENERAL	Main Breaker Capacity		STD	A	75		75								
	Electric Capacity			kVA	23		28		23	28	35				
	Main Breaker Capacity		HIGH SPEED	A	75		100								
	Electric Capacity			kVA	35		35		35	42	53				
	Heater Capacity			kW	4.8		6.6		4.8	6.6	6.8	7.6	7.6		
	Machine Dimensions L x W x H			m	3.7 x 1.3 x 1.6		3.9 x 1.3 x 1.6		4.0 x 1.3 x 1.6		4.2 x 1.3 x 1.6				
				ft	12.0 x 4.0 x 5.2		12.6 x 4.0 x 5.2		13.2 x 4.0 x 5.2		13.7 x 4.0 x 5.2				
	Machine Weight			t	3.0		3.1		3.1	3.2	3.3				
				US Ton	3.3		3.4		3.5	3.6	3.6				

ITEM		UNIT	EC200SXIII											
CLAMP		Clamping Force	tf	180										
			US Ton	198										
		Tie Bar Distance	H x V	mm	560 x 510									
			H x V	in	22.0 x 20.1									
		Platen Dimension	H x V	mm	790 x 740									
			H x V	in	31.1 x 29.1									
		Clamp Stroke		mm	450									
				in	17.7									
		Maximum Daylight		mm	1050									
				in	41.3									
		Mold Height	Min. ~ Max	mm	200 ~ 600									
			Min. ~ Max	in	7.87 ~ 23.6									
Ejector Force			tf	5.0										
			US Ton	5.5										
		Ejector Stroke		mm	130									
				in	5.12									
Injection Unit														
INJECTION		U34			U48									
		Barrel Code		4Y	4A	4B	4Y	6Y	8Y					
			mm	36	40	45	36	40	45					
		Screw Diameter		in	1.42	1.57	1.77	1.42	1.57					
			cm³	162	201	254	162	226	318					
		Injection Capacity		in³	9.94	12.3	15.5	9.94	13.8					
			g	145	180	230	145	208	292					
			oz	5.11	6.35	8.11	5.11	7.34	10.3					
		Shot Volume	PS	g	115	145	185	115	165					
			PE	oz	4.06	5.11	6.52	4.06	5.82					
Maximum Injection Pressure		MPa	247	200	158	247	253	247	200					
		PSI	35800	29000	22900	35800	36700	35800	29000					
Maximum Holding Pressure		MPa	247	200	158	247	253	247	200					
		PSI	35800	29000	22900	35800	36700	35800	29000					
Injection Velocity		STD	mm/s	200		160								
			in/s	7.9		6.3								
Injection Rate		STD	cm³/s	204	251	318	163	201	254					
			in³/s	12.4	15.3	19.4	9.9	12.3	15.5					
Injection Velocity		HIGH SPEED	mm/s	400		350								
			in/s	15.7		13.8								
Injection Rate		HIGH SPEED	cm³/s	407	503	636	356	440	557					
			in³/s	24.8	30.7	38.8	21.7	26.9	34.0					
Plasticizing Capacity		PS	g/sec	23.1	30.6	33.3	23.1	30.6	33.3					
			oz/sec	0.81	1.1	1.2	0.81	1.1	1.2					
Screw Speed			rpm	350	320	285	350	320	285					
Screw Torque			N-m	566	761	761	566	761	1058					
			Ibf-ft	417	561	561	417	561	780					
Nozzle Touch Force			kN	29.4		29.4								
			US Ton	3.3		3.3								
GENERAL														
GENERAL		STD	A	100		125								
			kVA	45		45	59	61						
		HIGH SPEED	A	125		175								
			kVA	61		61	75	81						
		Heater Capacity	kW	11.2	11.9	11.2	13.6	15.2	15.8					
			m	5.7 x 1.6 x 1.8		5.7 x 1.6 x 1.8	5.9 x 1.6 x 1.8	6.1 x 1.6 x 1.8						
			ft	18.7 x 5.1 x 5.9		18.7 x 5.1 x 5.9	19.3 x 5.1 x 5.9	19.9 x 5.1 x 5.9						
Machine Dimensions L x W x H			t	7.0		7.3	7.3	7.3						
			US Ton	7.7		8.0	8.0	8.0						

Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

ITEM		UNIT	EC250SXIII						
CLAMP		Clamping Force	tf	230					
			US Ton	254					
		Tie Bar Distance	H x V	mm	610 x 560				
			H x V	in	24.0 x 22.0				
		Platen Dimension	H x V	mm	880 x 830				
			H x V	in	34.6 x 32.7				
		Clamp Stroke		mm	550				
				in	21.7				
		Maximum Daylight		mm	1230				
				in	48.4				
INJECTION		Mold Height	Min. ~ Max	mm	250 ~ 680				
			Min. ~ Max	in	9.84 ~ 26.8				
		Ejector Force		tf	5.0				
				US Ton	5.5				
		Ejector Stroke		mm	130				
				in	5.12				
		Injection Unit*			U48				
		Barrel Code			4Y	6Y	8Y	8A	8B
		Screw Diameter		mm	36	40	45	50	55
				in	1.42	1.57	1.77	1.97	2.17
GENERAL		Injection Capacity		cm³					

	ITEM	UNIT	EC720SXIII		EC950SXIII			
CLAMP	Clamping force		tf	650	850			
	USTon			717	937			
	Tie bar distance	H x V	mm	1060 x 960		1320 x 1320		
		H x V	in	41.7 x 37.8		51.9 x 51.9		
	Platen dimension	H x V	mm	1500 x 1400		1790 x 1790		
		H x V	in	59.1 x 55.1		70.4 x 70.4		
	Clamp Stroke		mm	1000		1200		
			in	39.4		47.2		
	Maximum daylight		mm	2050		2300		
			in	80.7		90.6		
INJECTION	Mold Height	Min ~ Max	mm	450 ~ 1050		500 ~ 1100		
		Min. ~ Max	in	17.7 ~ 41.3		19.7 ~ 43.3		
	Ejector force		tf	18.0		18.0		
			USTon	19.8		19.8		
	Ejector Stroke		mm	200		200		
			in	7.9		7.9		
	Injection Unit							
	Barrel code		i61		i78			
			AT	B	AT	B		
INJECTION	Screw Diameter		mm	95	105	105	120	
			in	3.74	4.13	4.13	4.72	
	Injection Capacity		cm³	3150	3850	4320	5650	
			in³	192	235	264	345	
	Shot Volume	PS	g	2900	3540	3980	5200	
			oz	102.3	124.9	140.4	183.4	
	PE		g	2300	2810	3160	4120	
			oz	81.1	99.1	111.5	145.3	
			MPa	180	147	180	138	
	Maximum Injection Pressure		PSI	26100	21300	26100	20000	
INJECTION	Maximum Holding Pressure		MPa	150	123	150	115	
			PSI	21800	17800	21800	16700	
	Injection Rate	STD	cm³/s	1063	1299	1299	1696	
			in³/s	64.9	79.3	79.3	103.5	
	Injection Velocity	STD	mm/s	150		150		
			in/s	5.9		5.9		
	Plasticizing capacity (PS)	STD	g/sec	116.7	136.1	136.1	161.1	
			oz/sec	4.11	4.80	4.80	5.68	
		HIGH TORQUE	g/sec	80.6	102.8	75.0	102.8	
			oz/sec	2.84	3.62	2.65	3.62	
INJECTION	Screw torque	STD	N m	5500	5500	7090	7090	
			lbf-ft	4057	4057	5230	5230	
		HIGH TORQUE	N m	7090	7090	10300	10300	
			lbf-ft	5230	5230	7597	7597	
	Screw speed	STD	rpm	140	127	127	110	
		HIGH TORQUE	rpm	95	95	71	71	
	Nozzle touch force		kN	58.8		58.8		
			USTon	6.6		6.6		
General	Main Breaker Capacity		A	300	350		300	
	Electric Capacity		kVa	121	147		121	
	Heater Capacity		kW	44.4	57.2		44.4	
	Machine Dimensions L x W x H		m	9.7x2.5x2.6	10.3x2.5x2.7		10.6x2.9x2.7	
			ft	31.8x8.2x8.6	33.5x8.2x8.7		34.8x9.5x8.9	
	Machine Weight		t	40.0	41.5		53.5	
			US Ton	44.1	45.7		59.0	

Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

Standard Features

Injection

- ▶ Open nozzle
- ▶ Barrel - anti-corrosion/wear
- ▶ Standard screw assembly, high kneading DBG design
- ▶ Hopper inlet rust-preventive sleeve
- ▶ Barrel heater
- ▶ Friction-Free Drive
- ▶ Digital load cell
- ▶ Purge shield
- ▶ Double heater cover
- ▶ DST-Fill
- ▶ Pressure linear correction
- ▶ Programmed purge circuit
- ▶ VHI control
- ▶ FIT Control
- ▶ Laminar control
- ▶ ECSXIII 12-Speed/8-pressure injection programmed control
- ▶ Shift to hold mode selection
- ▶ Shift to hold correction control
- ▶ Injection speed FF control
- ▶ Screw speed/back pressure programmed control
- ▶ Automatic screw back pressure reduction control
- ▶ Automatic charging deceleration control
- ▶ Decompress before/after charge
- ▶ Charge delay timer
- ▶ Screw cold start prevention device
- ▶ Heater SSR control



Quick change heater disconnects

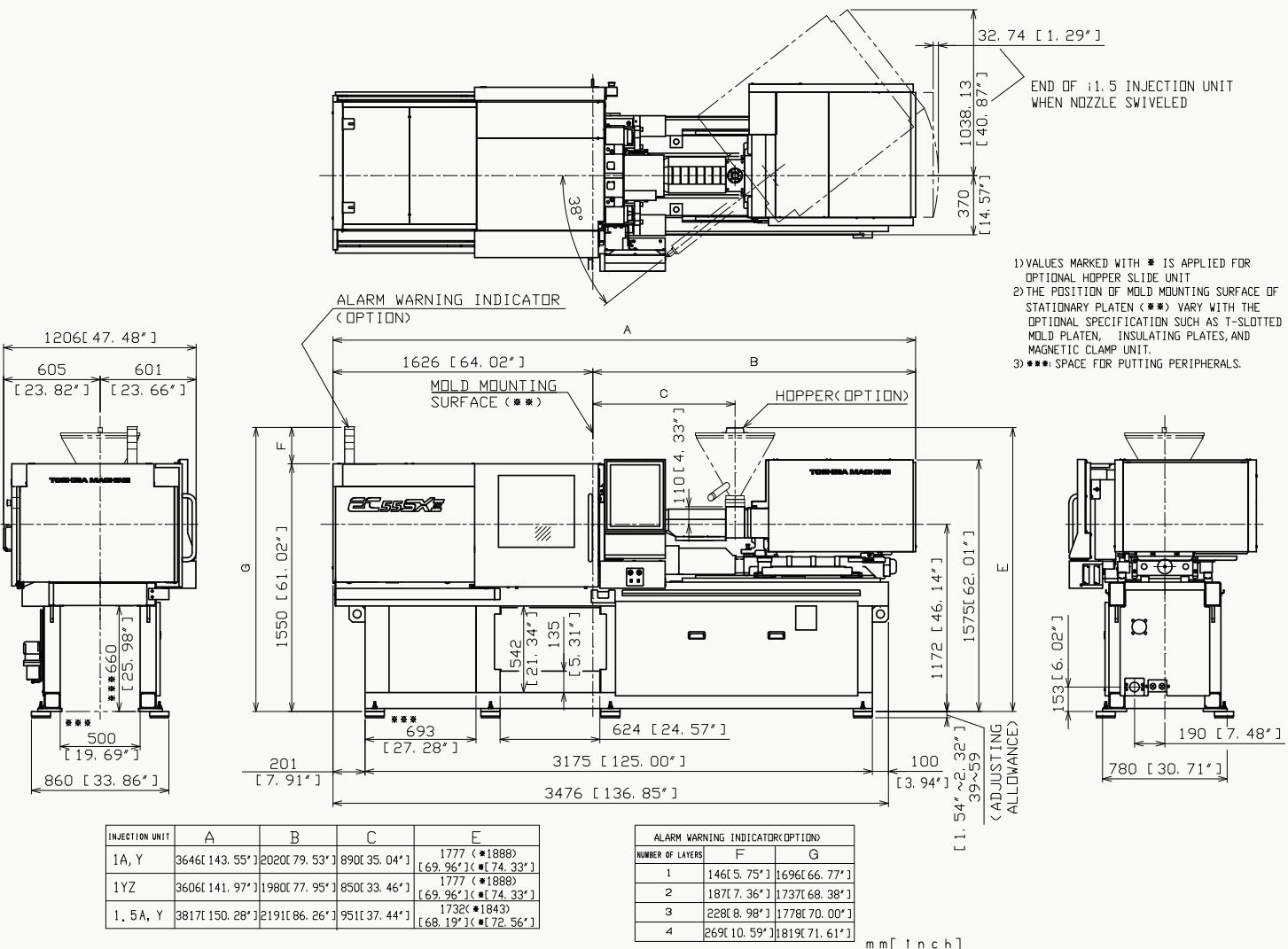
Clamp

- ▶ Link-line toggle unit
- ▶ Double rigid body platen
- ▶ Mold platen
- ▶ Locating hold
- ▶ Movable platen supporting device
- ▶ Mechanical safety device
- ▶ Interface for dual hydraulic core pulls standard
- ▶ Holes tapped for installation of take-out robot
- ▶ Ejection servo motor with brake
- ▶ Mold open while charging (simultaneous motion)
- ▶ Automatic lubricator
- ▶ Dynamic acceleration/deceleration control
- ▶ DST-Press control
- ▶ 3-step high-speed programmed control
- ▶ Prestrol/Injection Compression software is standard, but additional hardware may be required. Contact factory for details.
- ▶ Clamp pressure digital display in two steps
- ▶ Sensitive mold protection control - provides torque monitor and limiter in two high-speed ranges, and torque/time limiter in low-pressure clamp range
- ▶ Automatic mold thickness adjust circuit
- ▶ Low pressure and slow speed circuit for mold set-up mode
- ▶ Lock-up delay timer
- ▶ Lock-up speed digital setting
- ▶ Setting of number of repeated ejections
- ▶ 3-step ejection speed programmed control
- ▶ Repeated ejection control
- ▶ RA ejection control
- ▶ Ejector retraction check circuit
- ▶ Ejector plate, ejecting rod
- ▶ Gate cut circuit
- ▶ Ejection force digital setting
- ▶ Ejection hold time setting
- ▶ Ejection during mold opening
- ▶ Ejection torque monitor
- ▶ Mold open halt - Enables mold opening at an arbitrary position
- ▶ Triple core pull interface – 2-hyd. core X 1-Pneumatic (Timer only)
- ▶ Single valve gate
- ▶ Double air blow
- ▶ Dry cycle mode

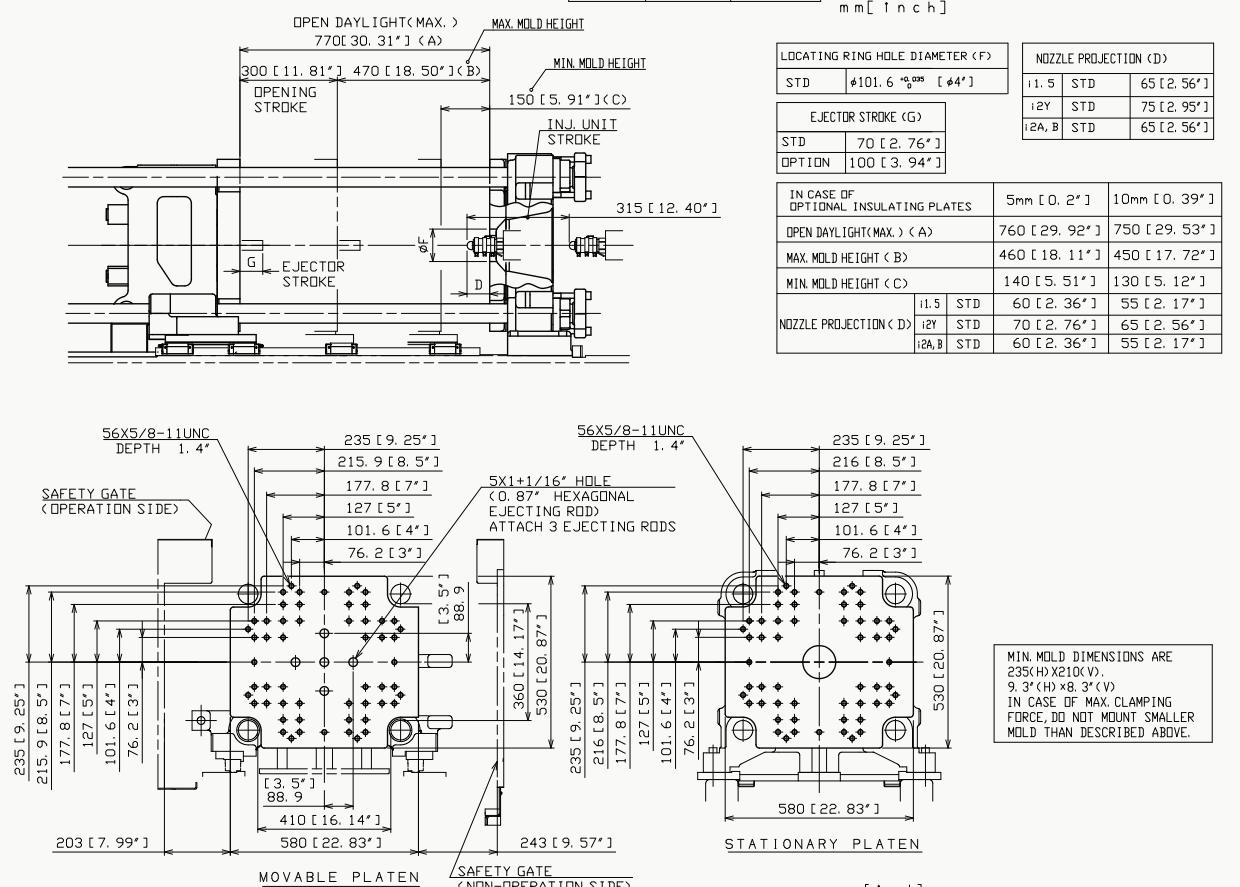
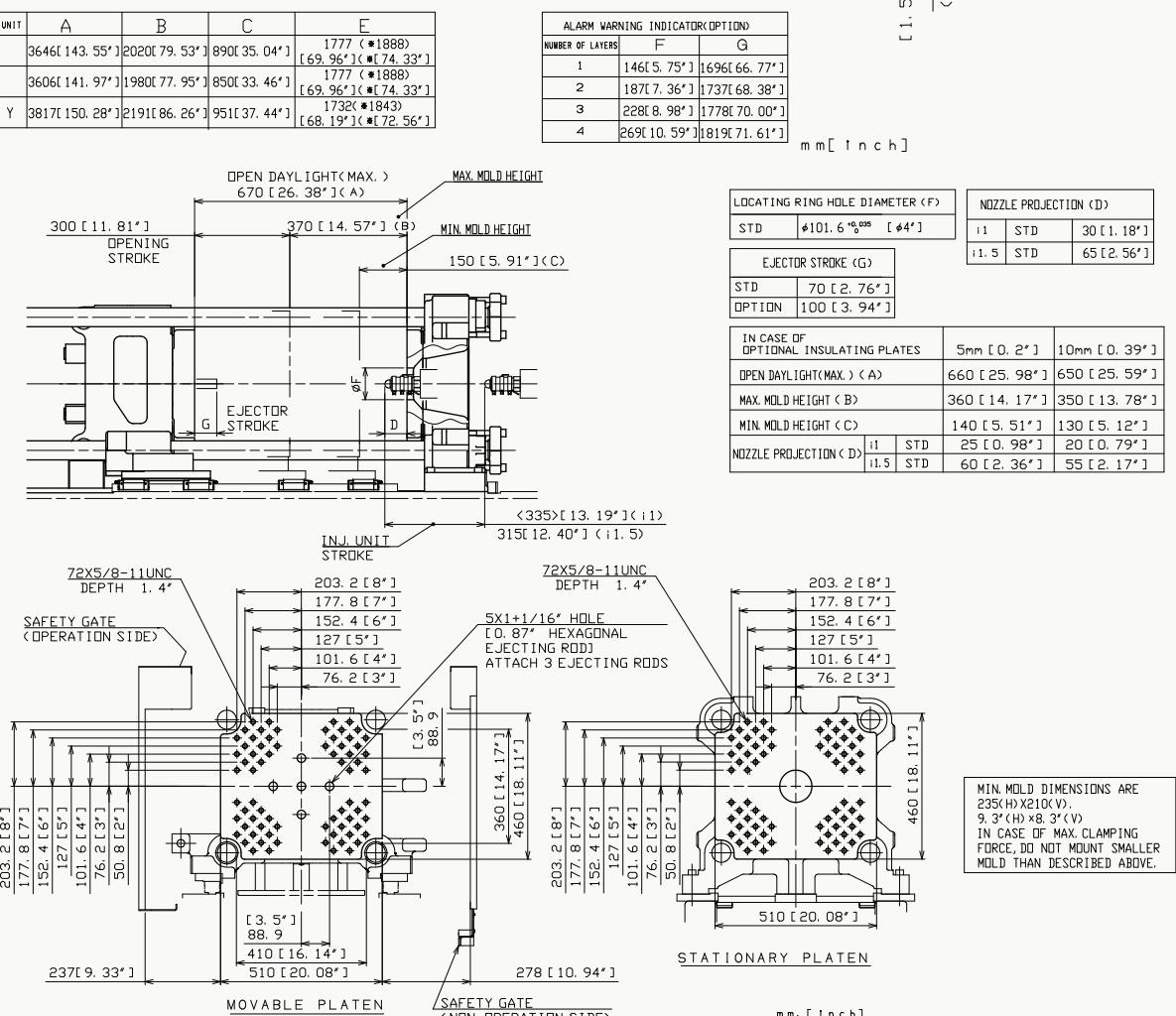
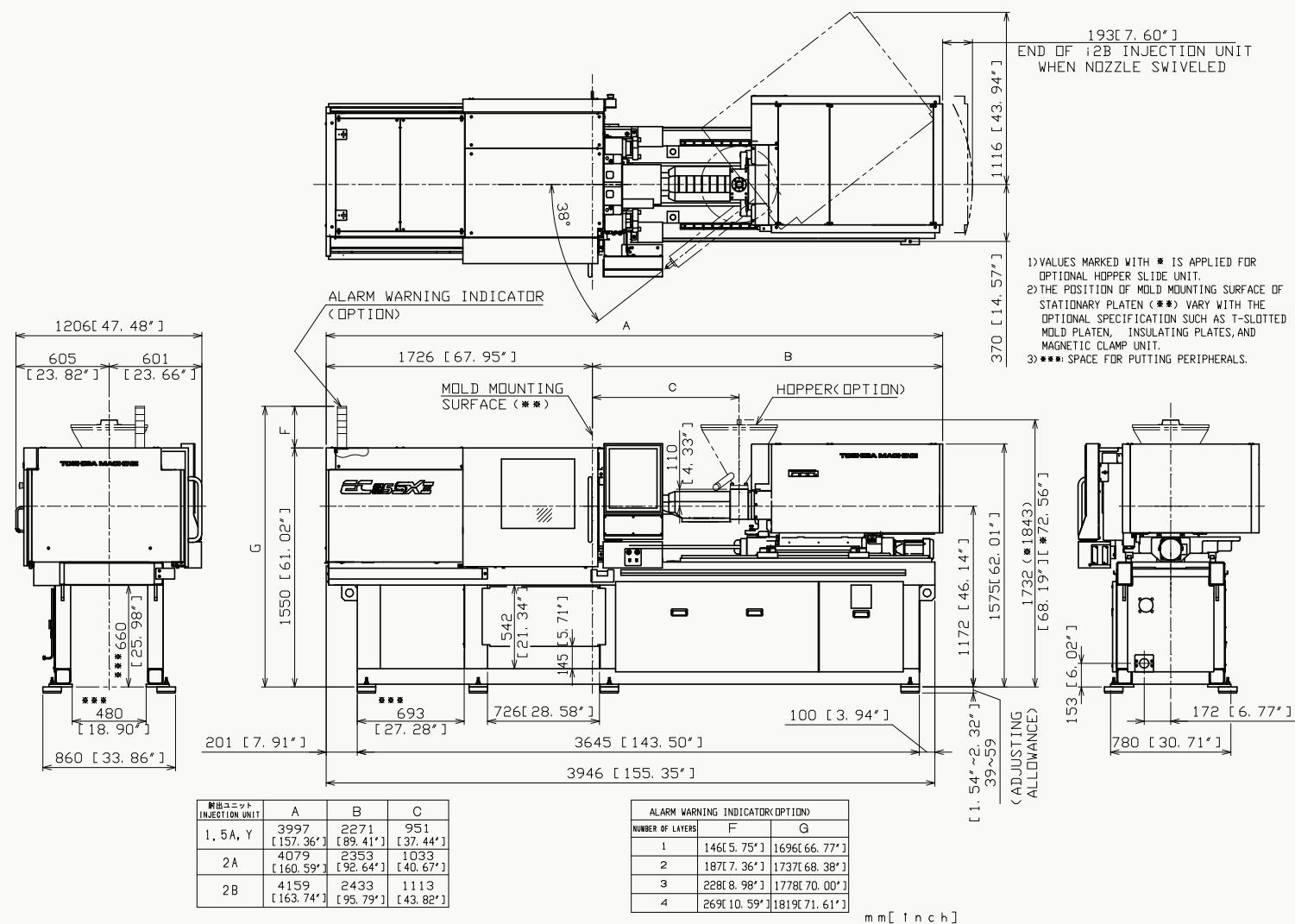
Controller

- ▶ Six programmable outputs standard
- ▶ Step switch/ten key input
- ▶ Setting data memory for 300 sets of molds
- ▶ SPI robot interface (50 pin/Euromap 67)
- ▶ Digital display
- ▶ Graphic display
- ▶ Profile display/storing/measure functions
- ▶ Quality monitoring
- ▶ Diagnostic function
- ▶ Operation select function at production completion
- ▶ MOLDLYZER
- ▶ iPAQET LITE
- ▶ LCD touch panel
- ▶ High-Speed control cycle
- ▶ List setting screen
- ▶ Operation indicator
- ▶ External output signal customize function
- ▶ Password function

EC55SXIII



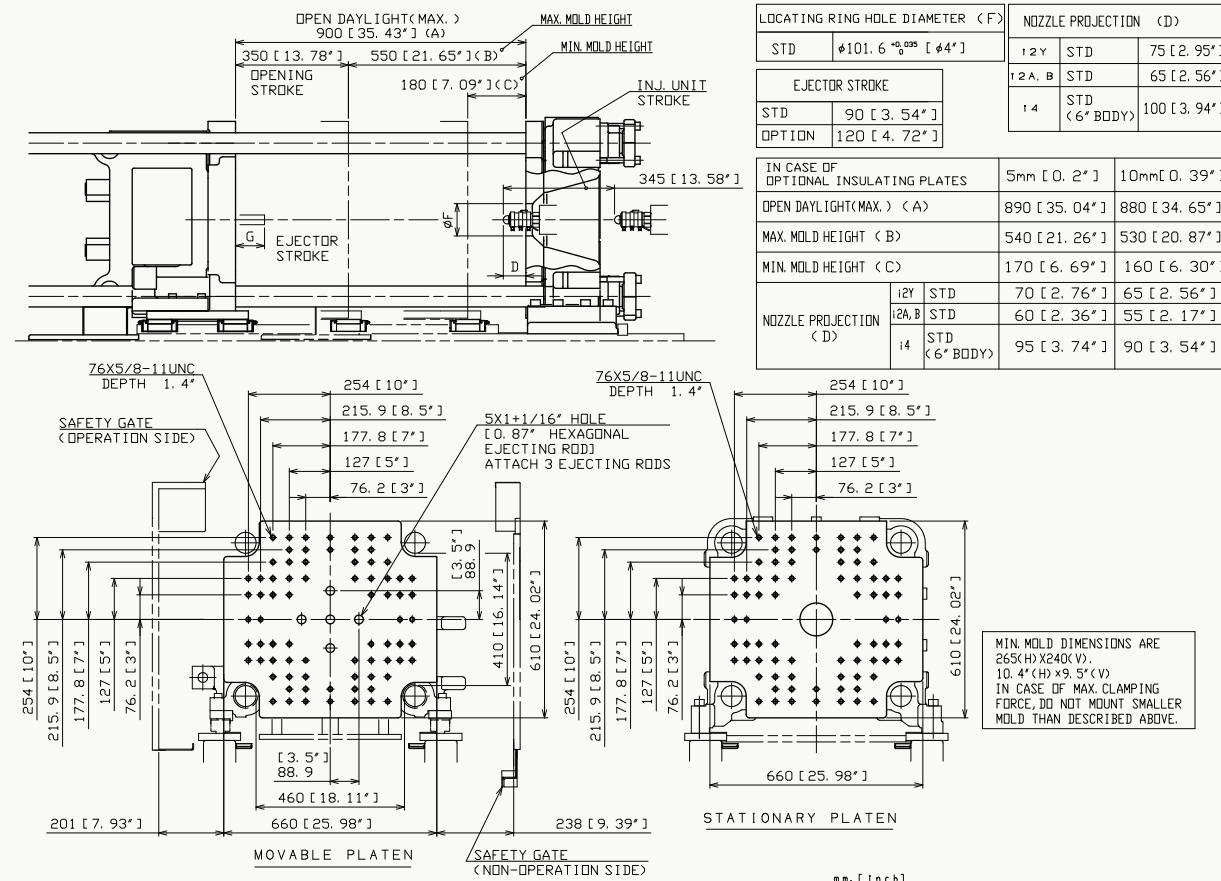
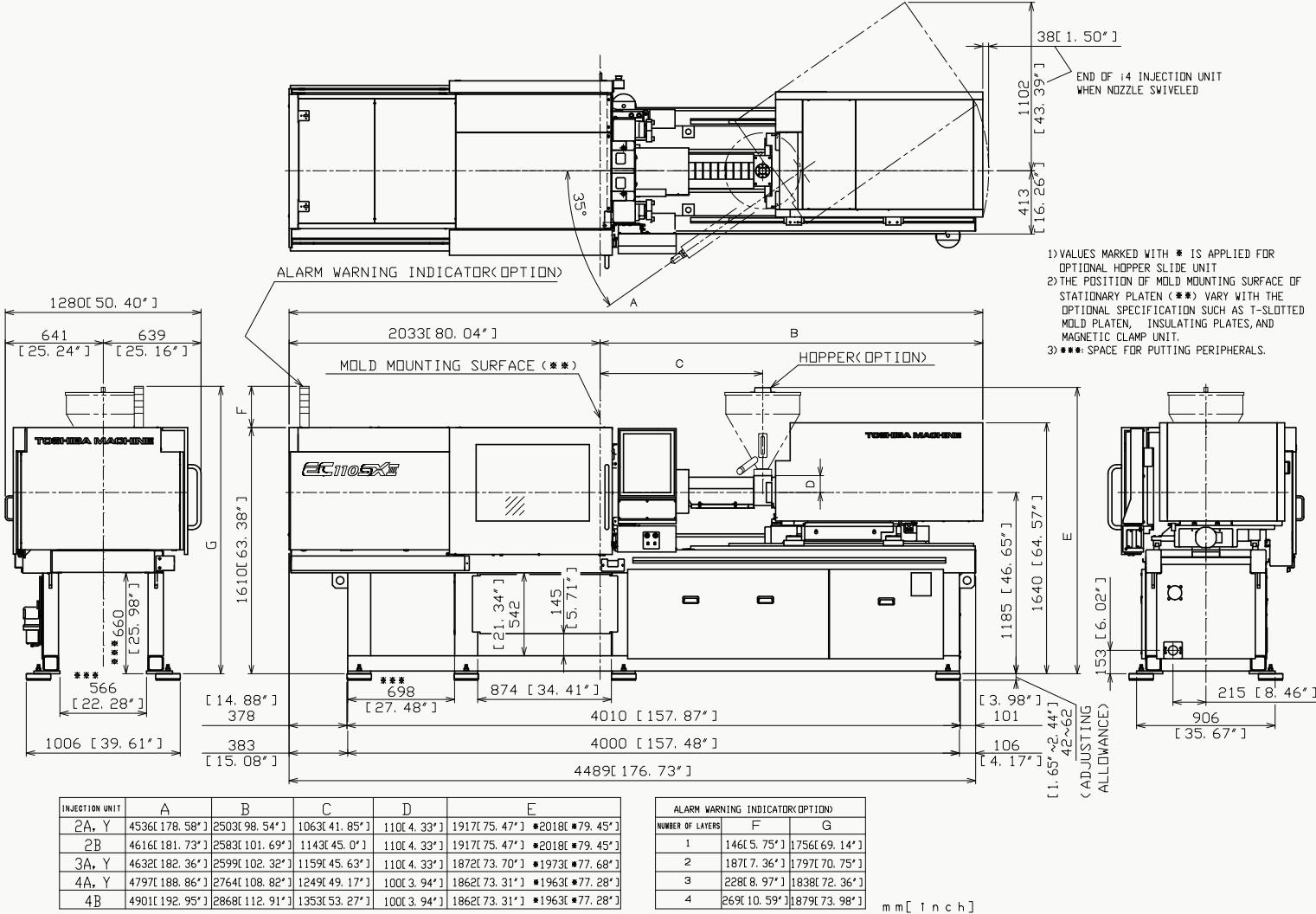
EC85SXIII



Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

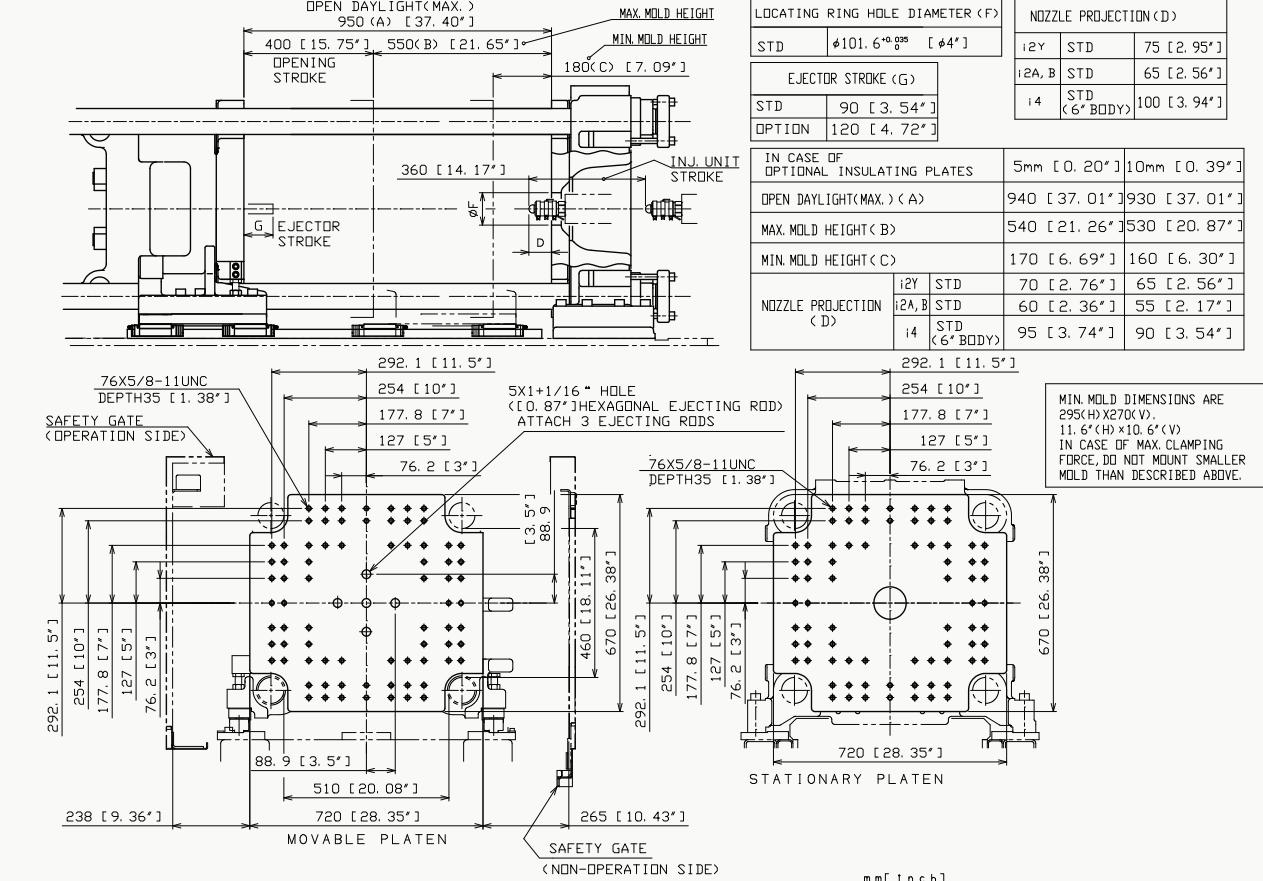
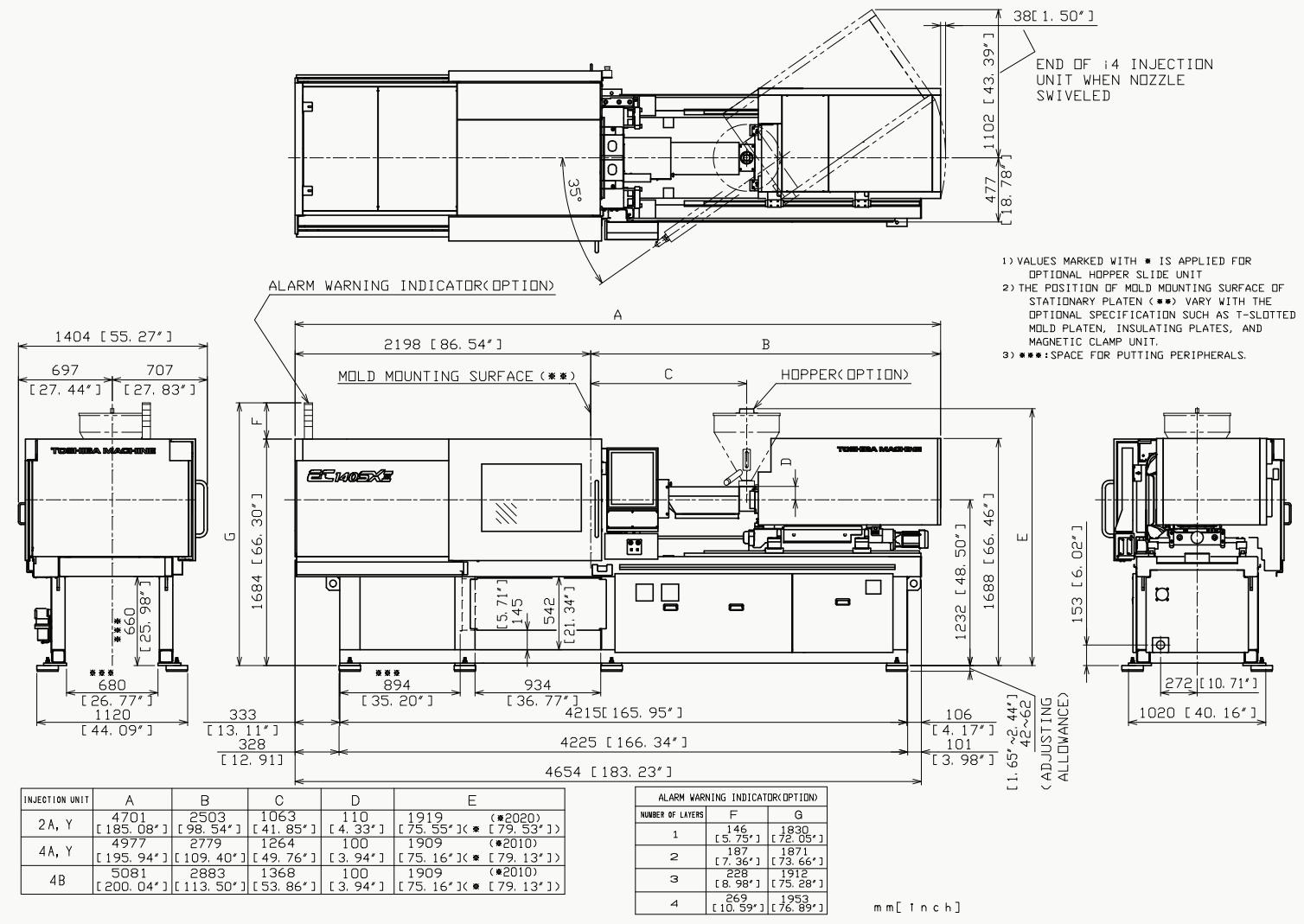
Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

EC110SXIII



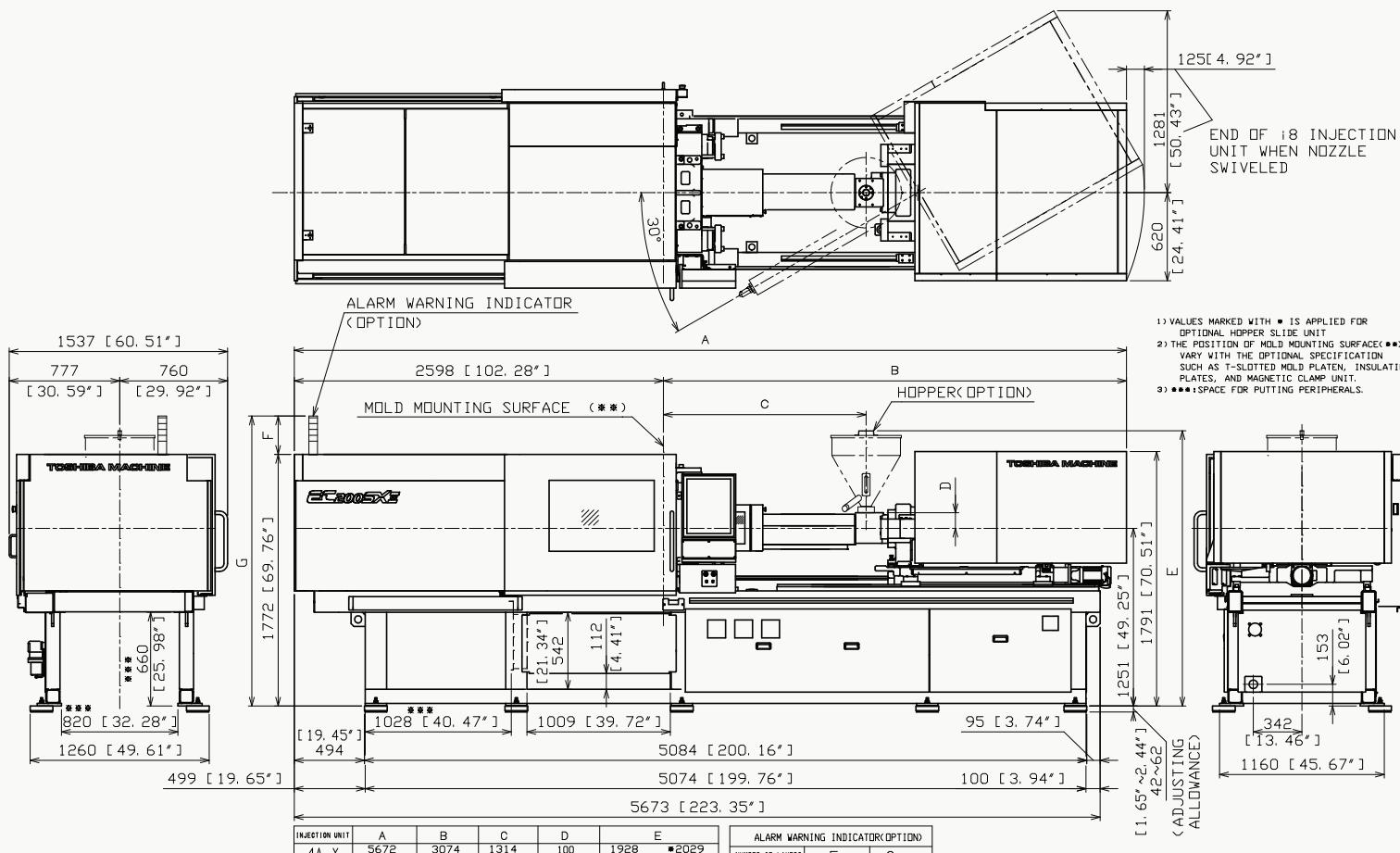
Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

EC140SXIII

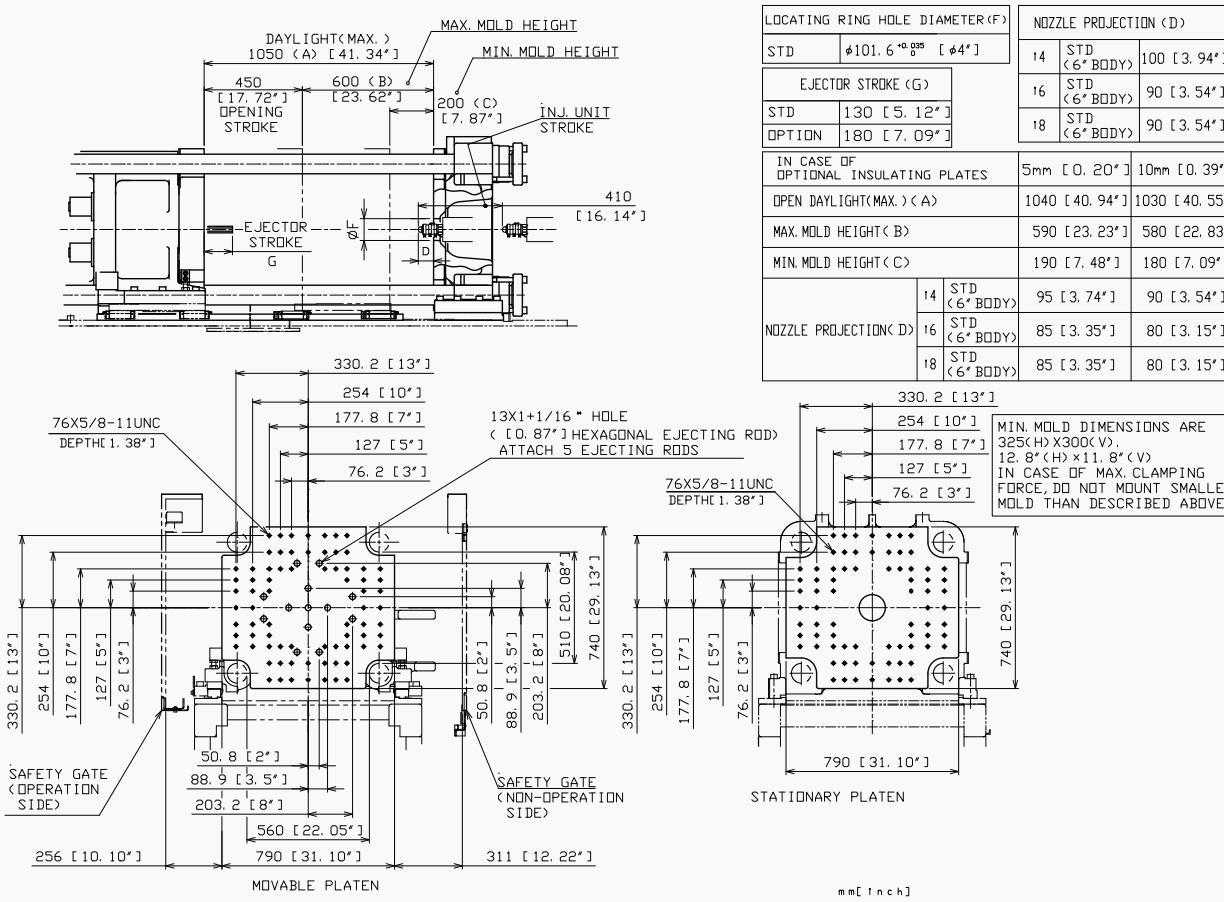


Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

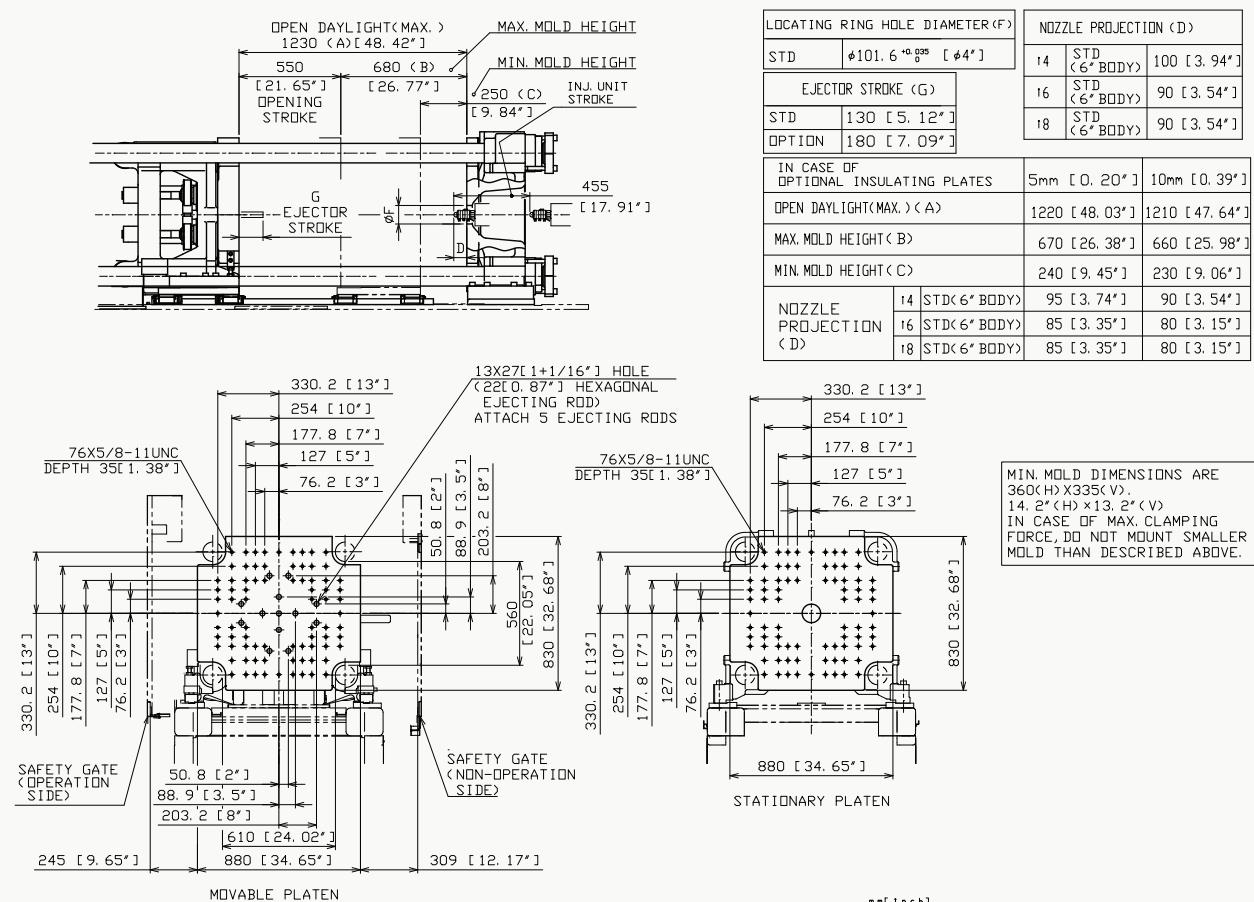
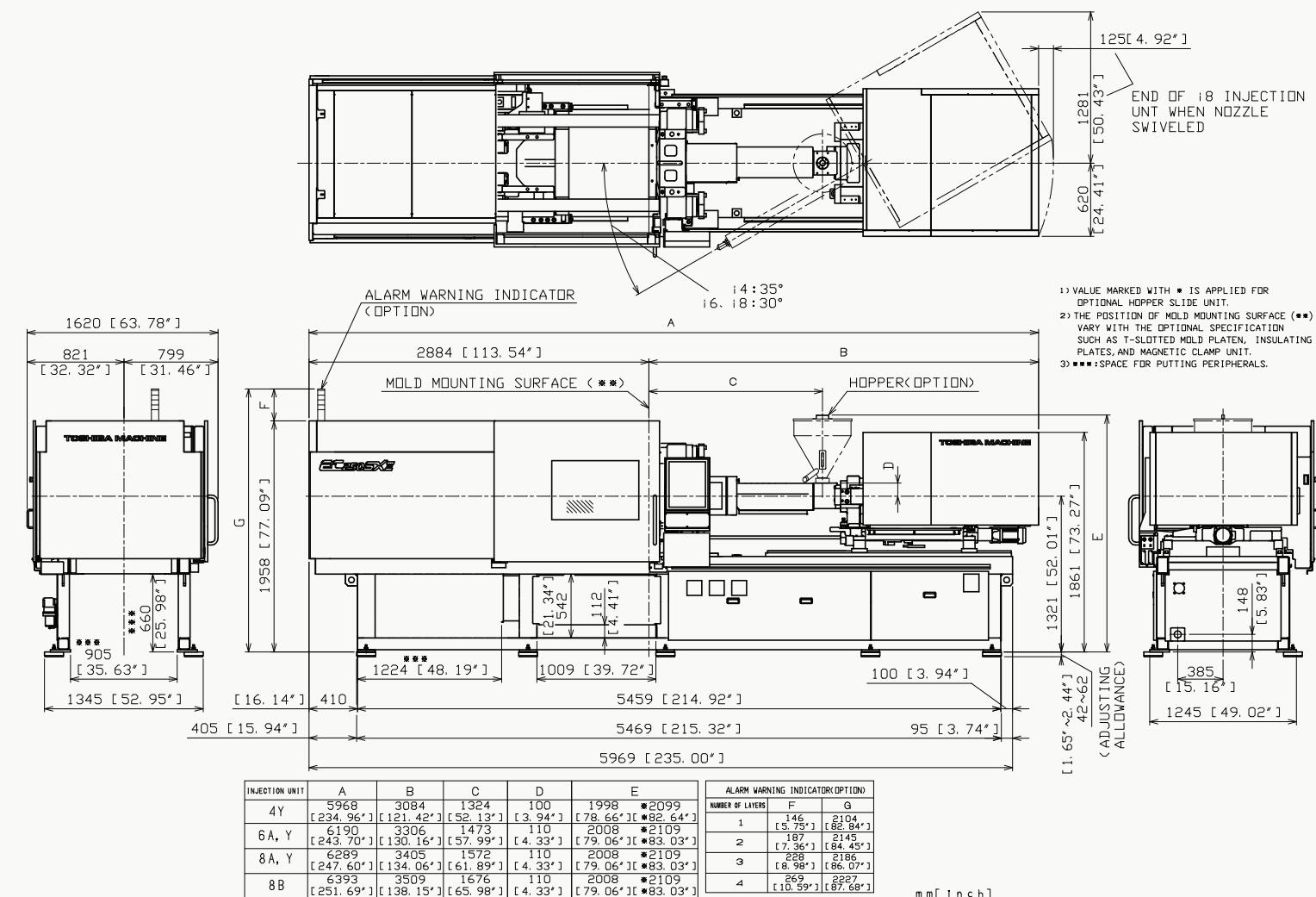
EC200SXII



INJECTION UNIT	A	B	C	D	E	ALARM WARNING INDICATOR OPTIONS
	NUMBER OF LAYERS	F	G			
4A, Y [223.30°] [121.02°]	5672 [121.02°]	3074 [51.73°]	1314 [3.94°]	100 [75.91°] [■ 79.88°]	1928 [75.91°] [■ 79.88°]	*2029
4B [227.40°] [125.12°]	5776 [125.12°]	3178 [55.83°]	1418 [3.94°]	100 [75.91°] [■ 79.88°]	1928 [75.91°] [■ 79.88°]	*2029
6A, Y [230.67°] [128.39°]	5855 [128.39°]	3261 [52.22°]	1428 [4.33°]	110 [76.00°] [■ 80.28°]	1938 [76.00°] [■ 80.28°]	*2039
8A, Y [234.96°] [130.28°]	5955 [130.28°]	3365 [62.12°]	1521 [4.33°]	110 [76.00°] [■ 80.28°]	1938 [76.00°] [■ 80.28°]	*2039
8B [238.66°] [136.38°]	6062 [136.38°]	3464 [64.21°]	1631 [4.33°]	110 [76.30°] [■ 80.28°]	228 [8.98°] [■ 78.74°]	2000 [80.35°]
					269 [10.59°] [■ 80.35°]	2041 [80.35°]



EC250SXIII

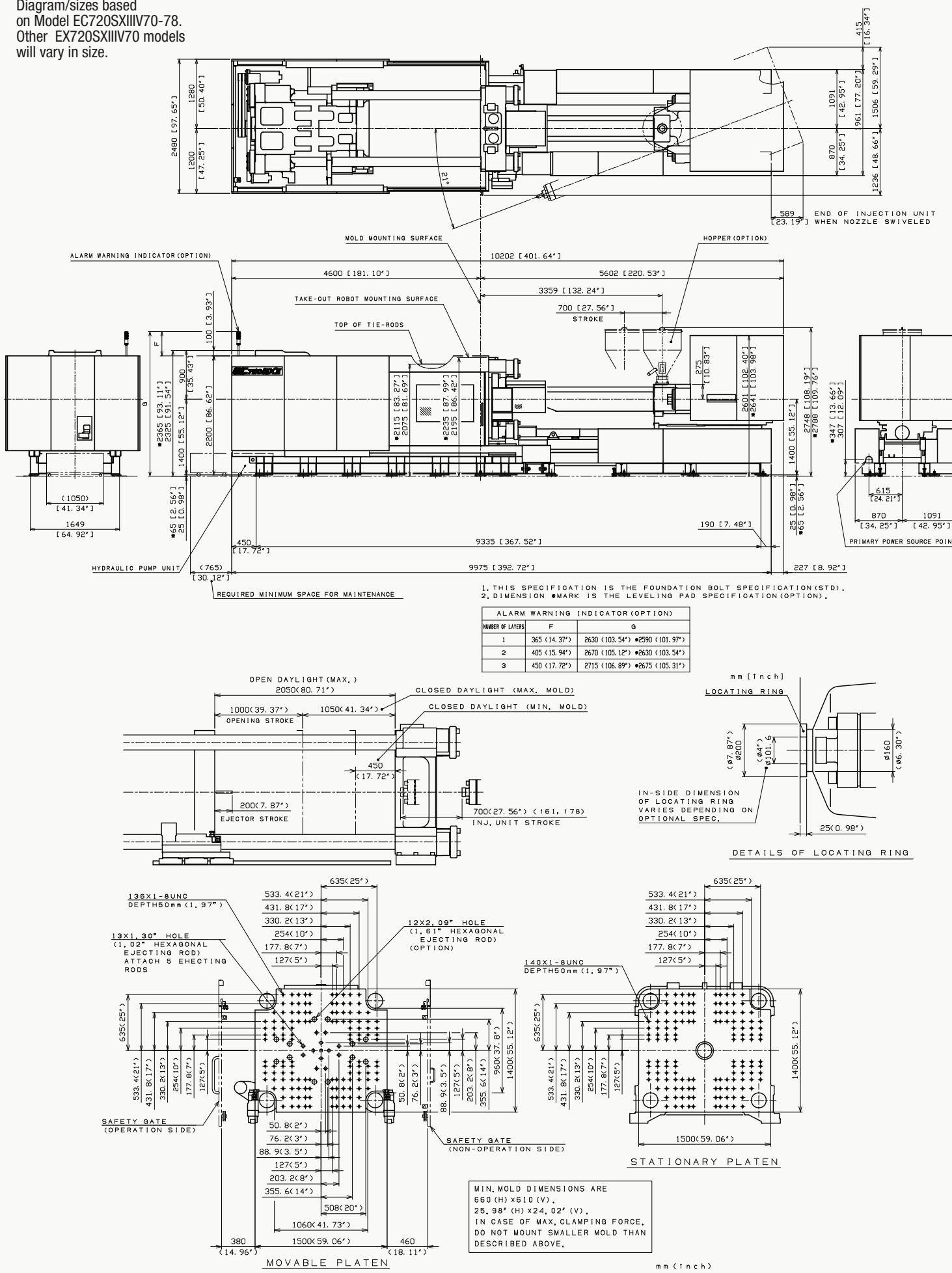


Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

Note: Specifications can change without notice. Contact Shibaura Machine for most current specifications.

EC720SXII

Diagram/sizes based
on Model EC720SXIIIV70-78.
Other EX720SXIIIV70 models
will vary in size.



EC950SXIII

Diagram/sizes based
on Model EC950SXIII/V70-78.
Other EX950SXIII/V70 models
will vary in size.

