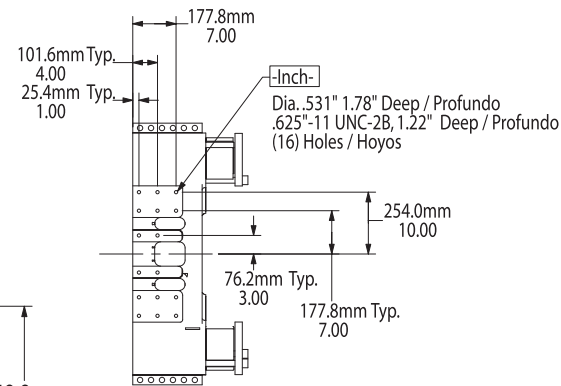
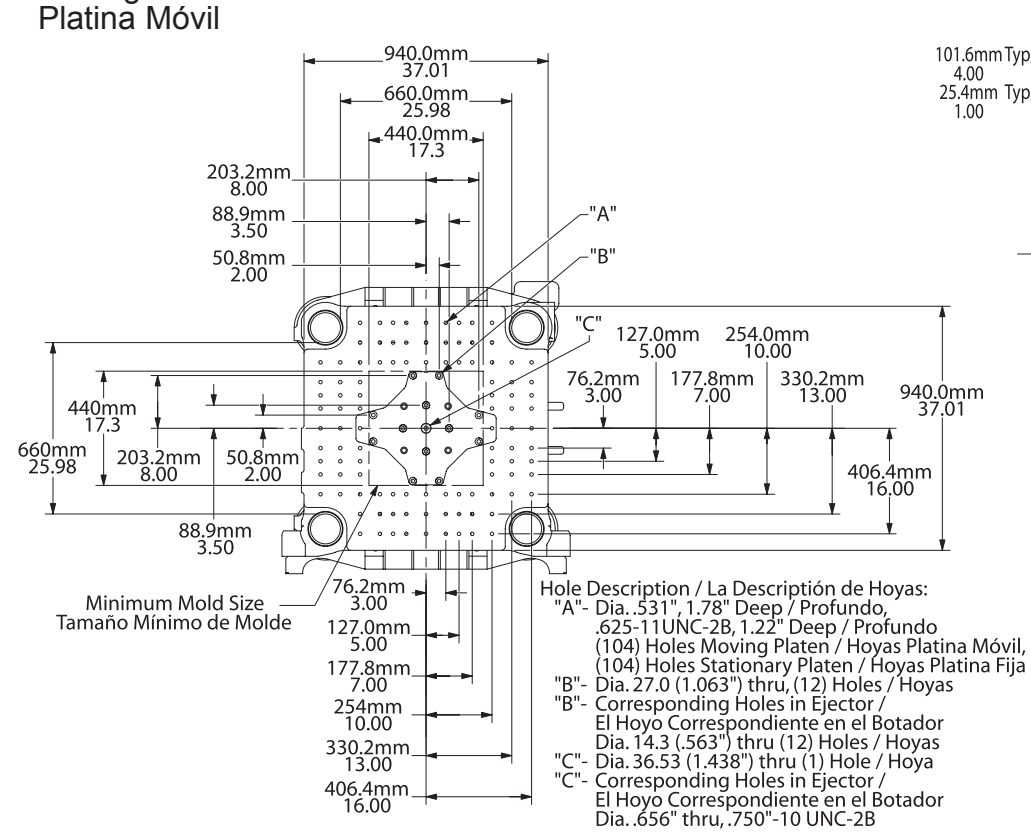
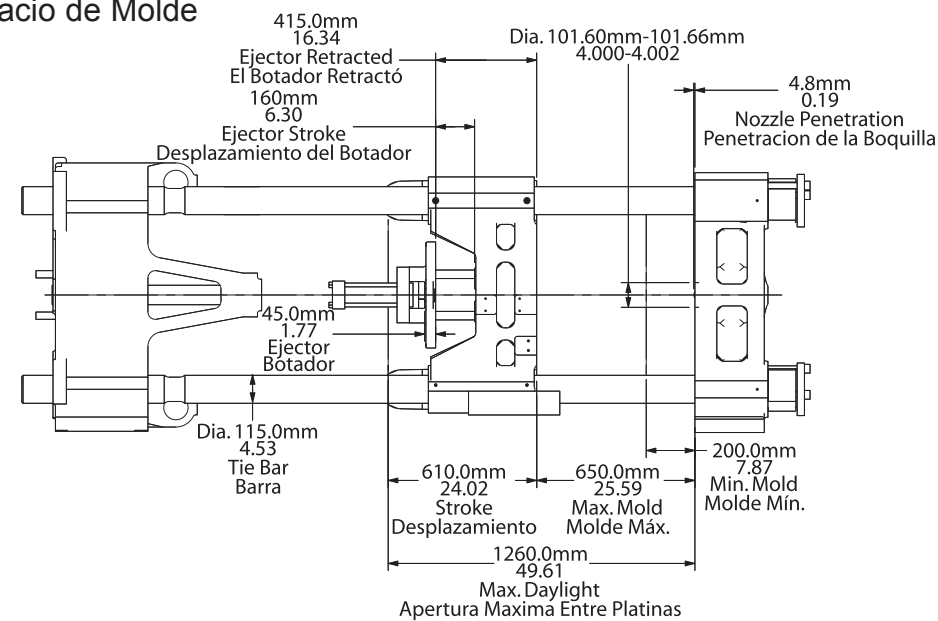


**Moving Platen  
Platina Móvil**

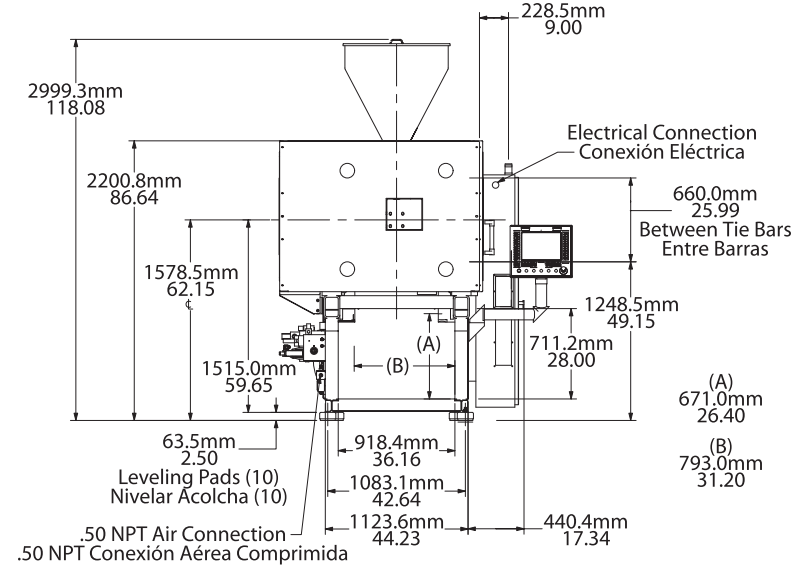


**Robot Mounting Plate  
Montaje de la Placa para Robot**

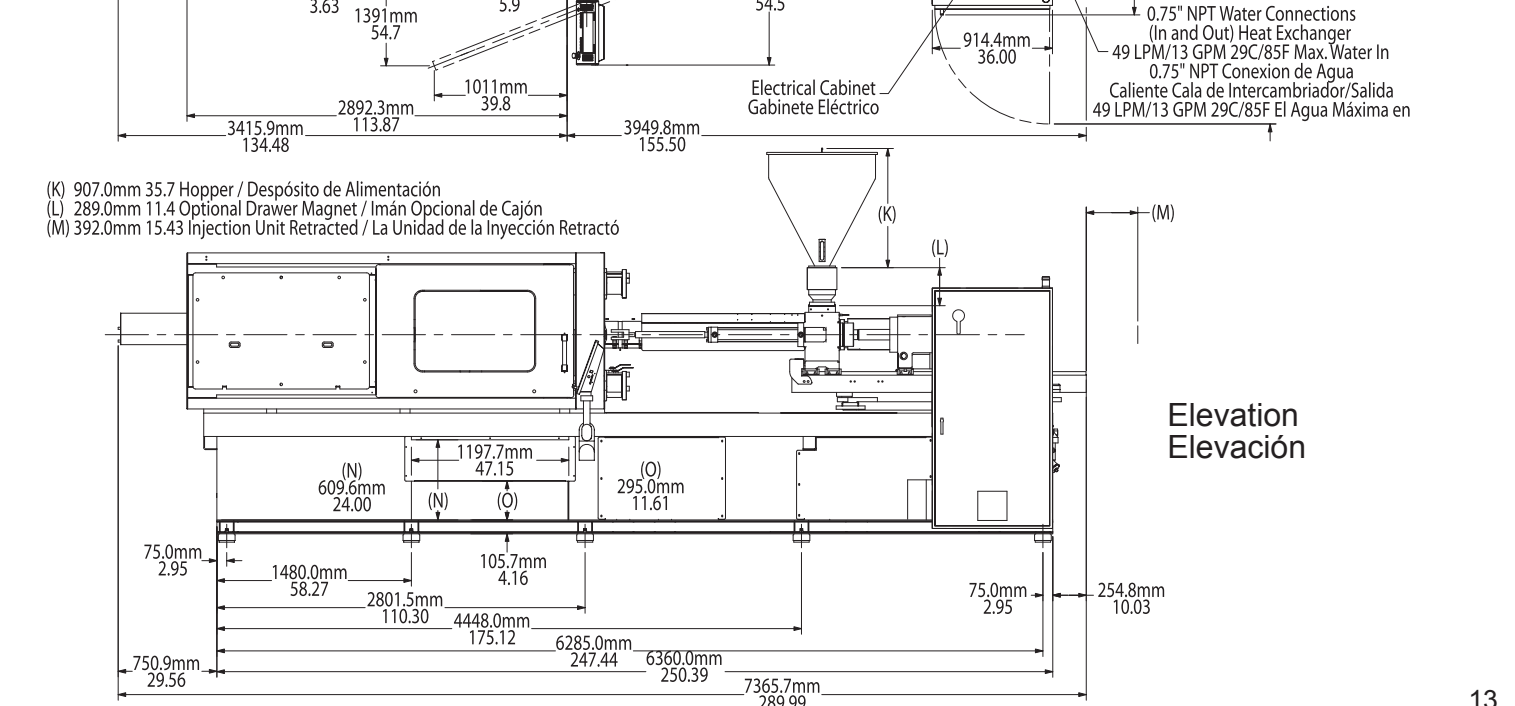
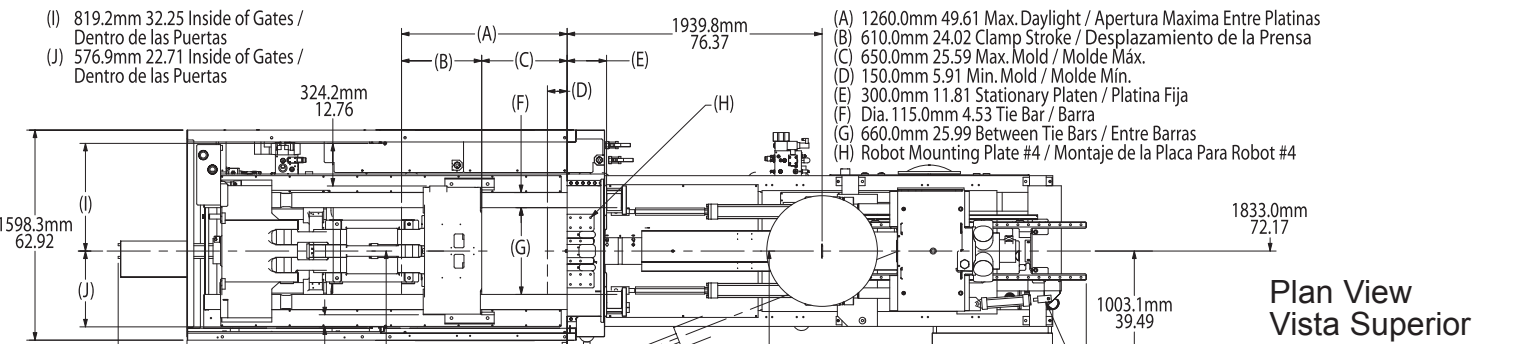
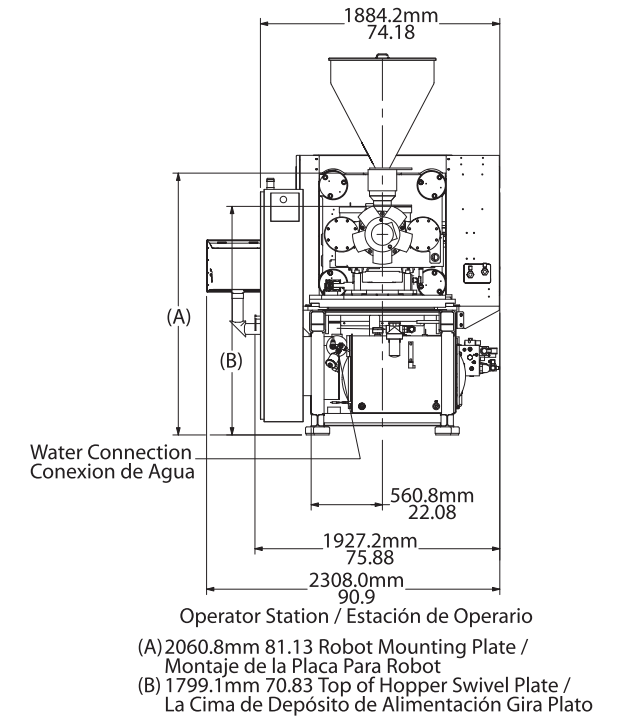
**Die Space  
Espacio de Molde**



**Clamp End View  
Vista del Final de la Prensa**



**Injection End View  
Vista del Final de Inyección**



Injection Unit	ENGLISH 970			ENGLISH 1540			ENGLISH 2290			METRIC 970			METRIC 1540			METRIC 2290			Unidad de Inyección						
Maximum Injection Capacity 1)	oz	12.0	15.0	22.0	oz	18.0	26.0	36.0	oz	30.0	41.0	54.0	g	340	425	624	g	510	737	1021	g	851	1162	1531	Capacidad Máxima de Inyección 1)
Displacement Volume	in <sup>3</sup>	23	29	41	in <sup>3</sup>	34	48	66	in <sup>3</sup>	55	75	98	cm <sup>3</sup>	382	471	679	cm <sup>3</sup>	550	792	1078	cm <sup>3</sup>	905	1232	1608	Volumen Desplazado
Maximum Injection Pressure	psi	32600	29800	20700	psi	32400	28100	20600	psi	32400	26900	20600	bar	2248	2055	1427	bar	2234	1937	1420	bar	2234	1855	1420	Presión Máxima de Inyección
Injection Rate (Theoretical)	in <sup>3</sup> /sec	13	16	23	in <sup>3</sup> /sec	12	17	23	in <sup>3</sup> /sec	13	18	23	cm <sup>3</sup> /sec	215	264	382	cm <sup>3</sup> /sec	195	280	382	cm <sup>3</sup> /sec	215	293	383	Velocidad de Inyección (Teórico)
Screw Stroke	in	9.4	9.4	9.4	in	11.0	11.0	11.0	in	12.6	12.6	12.6	mm	240	240	240	mm	280	280	280	mm	320	320	320	Desplazamiento del Husillo
Screw Diameter	in	1.77	1.97	2.36	in	1.97	2.36	2.76	in	2.36	2.76	3.15	mm	45	50	60	mm	50	60	70	mm	60	70	80	Diámetro del Husillo
Screw L/D Ratio	L/D	26.7	24.0	20.0	L/D	28.0	23.3	20.0	L/D	26.7	22.9	20.0	L/D	26.7	24.0	20.0	L/D	28.0	23.3	20.0	L/D	26.7	22.9	20.0	Relación L/D
Low Torque Screw Speed Maximum	rpm	449	404	337	rpm	363	337	289	rpm	223	223	223	min-1	449	404	337	min-1	363	337	289	min-1	223	223	223	Máxima Velocidad del Husillo de Torque Lento
Low Torque at Screw	in-lb	9500	9500	9500	in-lb	14400	14400	14400	in-lb	23600	23600	23600	Nm	1073	1073	1073	Nm	1627	1627	1627	Nm	2666	2666	2666	Torque Lento en el Husillo
at Pressure	psi	2900	2900	2900	psi	2900	2900	2900	psi	2900	2900	2900	bar	200	200	200	bar	200	200	200	bar	200	200	200	en la Presión
Recovery Rate 2)	oz/sec	1.6	2.0	2.7	oz/sec	1.8	2.7	3.2	oz/sec	1.8	2.5	3.6	g/sec	46	57	76	g/sec	52	76	90	g/sec	51	70	101	Proporción y Recuperación 2)
High Torque Screw Speed Maximum	rpm	367	367	337	rpm	232	232	232	rpm	146	146	146	min-1	367	367	337	min-1	232	232	232	min-1	146	146	146	Máxima Velocidad del Husillo de Torque Alto
High Torque at Screw	in-lb	14300	14300	14300	in-lb	22600	22600	22600	in-lb	36000	36000	36000	Nm	1616	1616	1616	Nm	2553	2553	2553	Nm	4067	4067	4067	Torque Alto en el Husillo
at Pressure	psi	2900	2900	2900	psi	2900	2900	2900	psi	2900	2900	2900	bar	200	200	200	bar	200	200	200	bar	200	200	200	en la Presión
Recovery Rate 2)	oz/sec	1.3	1.8	2.7	oz/sec	1.2	1.9	2.6	oz/sec	1.2	1.6	2.3	g/sec	37	52	76	g/sec	33	53	72	g/sec	33	46	66	Proporción y Recuperación 2)
Number of Heating Zones	qty	4/1	4/1	4/1	qty	4/1	4/1	4/1	qty	4/1	4/1	4/1	qty	4/1	4/1	4/1	qty	4/1	4/1	4/1	qty	4/1	4/1	4/1	Numero de Zonas Calefacción
Total Heat Capacity	kW	16.8	16.8	16.8	kW	24.8	24.8	24.8	kW	39.5	39.5	39.5	kW	16.8	16.8	16.8	kW	24.8	24.8	24.8	kW	39.5	39.5	39.5	Capacidad de Calefacción Total
Nozzle Holding Force	tons		3.5		tons		3.5		tons		5.9		kN		31		kN		31		kN		52		Fuerza de Apoyo de la Boquilla
Unit Stroke	in		19.69		in		19.69		in		22.24		mm		500		mm		500		mm		565		Unidad de Desplazamiento
Injection Power (Calculated)	hp	65	73	73	hp	58	73	73	hp	64	73	73	kW	48	54	54	kW	44	54	54	kW	48	54	54	Poder de Inyección (Calculado)
<b>Clamping Unit</b>																			<b>Unidad de Prensa</b>						
Clamping Force	tons		310		tons		310		tons		310		kN		2758		kN		2758		kN		2758		Fuerza de Prensa
Opening Force	tons		31		tons		31		tons		31		kN		276		kN		276		kN		276		Fuerza de Apertura de Prensa
Mold Opening Stroke	in		24.02		in		24.02		in		24.02		mm		610		mm		610		mm		610		Desplazamiento de Apertura de Molde
Clamp Speed Dry Cycle Time @ 50% Stroke	sec		2.3		sec		2.3		sec		2.3		sec		2.3		sec		2.3		sec		2.3		Velocidad de la Prensa Tiempo de Ciclo en Seco @ 50% de Desplazamiento
Maximum Daylight	in		49.61		in		49.61		in		49.61		mm		1260		mm		1260		mm		1260		Apertura Máxima entre Platinas
Minimum/Maximum Mold Thickness	in	7.87	/	25.59	in	7.87	/	25.59	in	7.87	/	25.59	mm	200	/	650	mm	200	/	650	mm	200	/	650	Espesor Mínimo/Máximo de Molde
Maximum Mold Weight	lbs		6240		lbs		6240		lbs		6240		kgs		2831		kgs		2831		kgs		2831		Peso Máximo de Molde
Platen Size (h x v)	in	37.01	x	37.01	in	37.01	x	37.01	in	37.01	x	37.01	mm	940	x	940	mm	940	x	940	mm	940	x	940	Tamaño de Platinas (h x v)
Distance between Tie Rods (h x v)	in	25.98	x	25.98	in	25.98	x	25.98	in	25.98	x	25.98	mm	660	x	660	mm	660	x	660	mm	660	x	660	Distancia entre Barras (h x v)
Tie Rod Diameter	in		4.53		in		4.53		in		4.53		mm		115		mm		115		mm		115		Diámetro de Barras
Ejector Stroke Maximum	in		6.30		in		6.30		in		6.30		mm		160		mm		160		mm		160		Desplazamiento Máximo del Botador
Ejector Force @150 bar (2190 psi)	tons		8.3		tons		8.3		tons		8.3		kN		74		kN		74		kN		74		Fuerza de Botado @150 bar (2190 psi)
Mold Locating Ring Inside Diameter	in		4		in		4		in		4		mm		101.6		mm		101.6		mm		101.6		Diámetro del Arillo Centrador de Molde
<b>General Data</b>																			<b>Datos Generales</b>						
Length Overall	in		281.86		in		287.05		in		305.42		mm		7159.1		mm		7290.9		mm		7757.7		Longitud Total
Width Overall	in		75.87		in		75.87		in		75.87		mm		1927		mm		1927		mm		1927		Ancho Total
Height Overall	in		109.63		in		109.63		in		109.63		mm		2784.6		mm		2784.6		mm		2784.6		Altura Total
Net Weight (without Oil)	lbs		27581		lbs		28916		lbs		28916		Kg		13120		Kg		13120		Kg		13120		Peso Neto (sin Aceite)
Hydraulic System Pressure Maximum	psi		2950		psi		2950		psi		2950		bar		203		bar		203		bar		203		Presión Máxima del Sistema Hidráulico
Pump Capacity @ 100 psi (7 bar)	gpm		67		gpm		67		gpm		67		L/min		254		L/min		254		L/min		254		Capacidad de la Bomba @ 100 psi (7 bar)
Electric Motor	hp		50		hp		50		hp		50		kW		37		kW		37		kW		37		Motor Eléctrico
Total Oil Reservoir Capacit	gal		174		gal		174		gal		174		L		659		L		659		L		659		Capacidad del Depósito Total de Aceite
Water Requirements, Heat Exchanger @ 85F (29 C)	gpm		13		gpm		13		gpm		13		L/min		49		L/min		49		L/min		49		Requerimientos del Agua, Cambiador de Calor @ 85F (29 C)

1) Conversion factor 0.95 g/cc based on polystyrene  
 2) Calculated based on polystyrene  
 3) Does not apply to this model

1) Fator de conversión 0.95 g/cm<sup>3</sup> para Poliestireno  
 2) Calculos basados en Poliestireno  
 3) No se aplica a este modelo