

Titan

1000 to 2200 tons

Technical Specifications



Demag *Plastics Group*

Titan Model 1000

Demag Plastics Group		Titan Model 1000		
Model Description		6400	9500	13600
International Size Description				

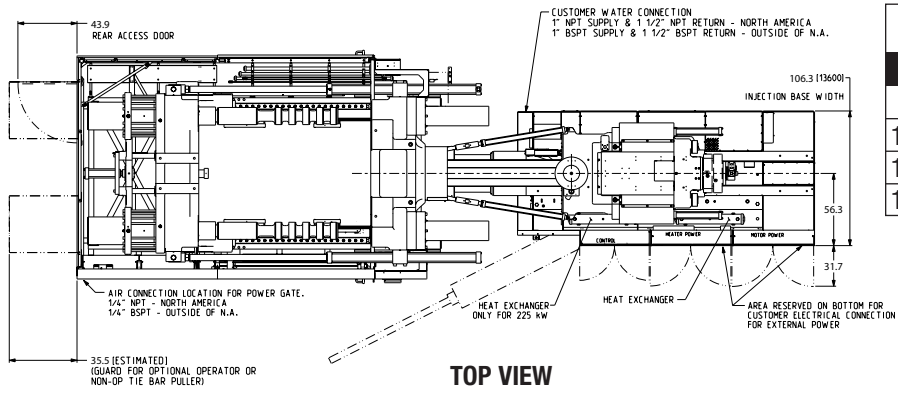
Clamp Unit				
Clamp Force	U.S. tons kN		1000	9000
Open Force	U.S. tons kN		57	508
Clamp Stroke - Max.	in. mm		74.8	1900
Mold Thickness - Min.	in. mm		19.7	500
Mold Thickness - Max.	in. mm		51.2	1300
Open Daylight - Max.	in. mm		94.5	2400
Platen Size				
Horizontal	in. mm		68.9	1750
Vertical	in. mm		60.6	1540
Distance Between Tie Bars				
Horizontal	in. mm		58.1	1475
Vertical	in. mm		45.3	1150
Ejector Stroke	in. mm		10.8	275
Ejector Force	U.S. tons kN		17	149
Clamp Speeds				
Closing	in./sec. mm/sec.	28.2 715	28.2 715	39.4 1000
Opening	in./sec. mm/sec.	26.2 665	26.2 665	39.4 1000

Injection Unit		6400			9500			13600		
Measure		HiPr	Std.	HiVol	HiPr	Std.	HiVol	HiPr	Std.	
Screw Diameter	in. mm	3.15 80	3.74 95	4.33 110	3.74 95	4.33 110	5.12 130	4.33 110	5.12 130	
Screw L/D Ratio		24/1	20/1	20/1	23/1	20/1	20/1	20/1	20/1	
Injection Capacity (GPPS)	oz. g	78 2220	110 3131	148 4198	128 3626	171 4861	239 6789	187 5303	261 7406	
Injection Capacity	cu. in. ccm	146 2388	205 3367	275 4514	238 3899	319 5227	445 7300	348 5702	486 7964	
Recovery Rate (GPPS)	oz./sec. g/sec	3.1 89	4.6 131	6.3 180	3.0 86	4.2 118	6.2 175	4.2 120	6.2 177	
Injection Pressure	psi bar	34,672 2391	27,480 1895	20,496 1413	33,439 2306	26,326 1815	18,849 1300	34,673 2391	24,825 1712	
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec. ccm/sec	33.3 546	47.0 770	63.0 1033	36.6 600	49.1 804	68.5 1123	55.9 917	78.1 1280	
Injection Stroke	in. mm		18.7 475			21.7 550		23.6 600		
Maximum Screw Speed	rpm		187			123		124		
Back Pressure Adjust	psi bar		75-300 5-20			75-300 5-20		75-300 5-20		
Barrel Heating Capacity	kW	43	43	59	59	59	79	79	94	

General Machine Specifications		6400			9500			13600		
Measure										
Oil Tank Capacity	gal. Liter	343	1300		343	1300		661	2500	
Pump Motor	Hp kW	147	110		147	110		221	165	
Pump Capacity (@100 psi) (@7 bar)	gpm LPM	139	527		139	527		210	796	
Machine Weight (approx.)	lb. kg	117,500	53,345		119,200	54,117		130,500	59,247	
Machine Dimensions										
Length (approx.)	ft. m	35.1	10.7		37.4	11.4		38.4	11.7	
Width (approx.)	ft. m	11.8	3.6		11.8	3.6		11.8	3.6	
Height (approx.)	ft. m	8.5	2.6		8.5	2.6		8.9	2.7	

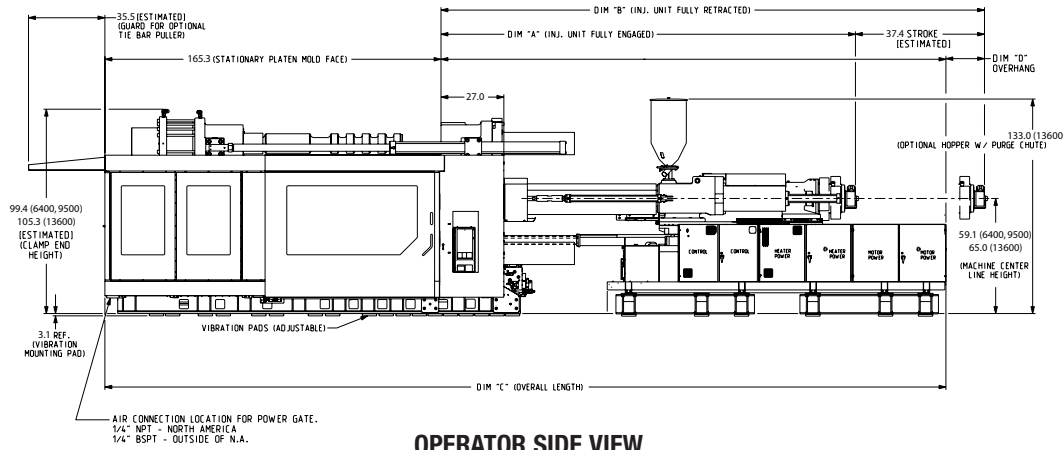
Performance specifications are based on theoretical data and mold, material and conditions. Since continuous improvement is the policy of Demag Plastics Group, we reserve the right to change specifications, designs and performance data without prior notice or obligation.

The specifications listed are standard. However, Demag Plastics Group will provide engineered options and solutions to meet virtually any performance requirements including high-speed configurations.

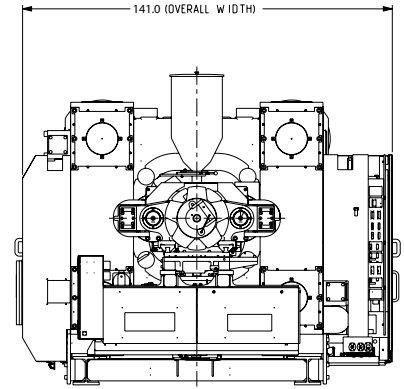


Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)
STANDARD BARREL				
95mm 20:1 6400	279.3	316.7	417.8	0
110mm 20:1 9500	297.1	334.5	447.0	0
130mm 20:1 13600	223.5	260.9	457.2	-28.4
130mm 25:1 13600	249.1	286.5	457.2	-2.8

TOP VIEW

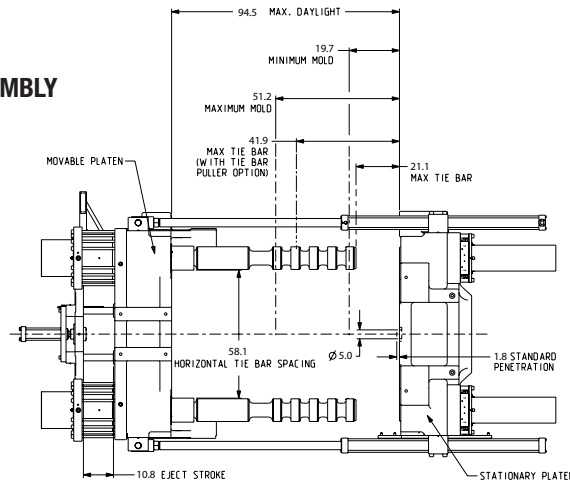


OPERATOR SIDE VIEW

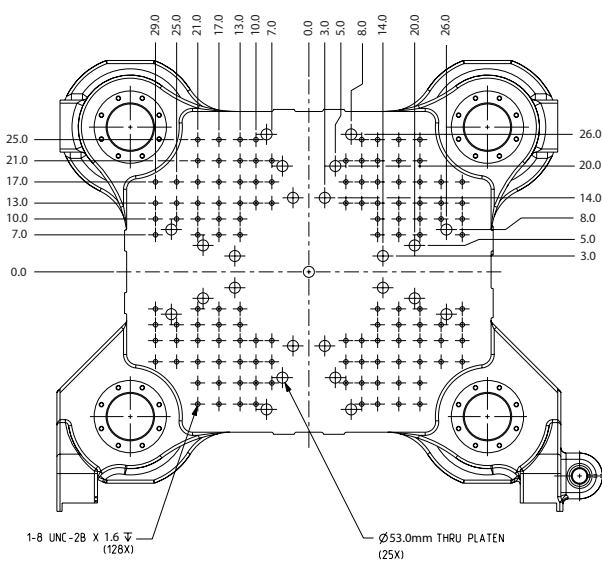


INJECTION END VIEW

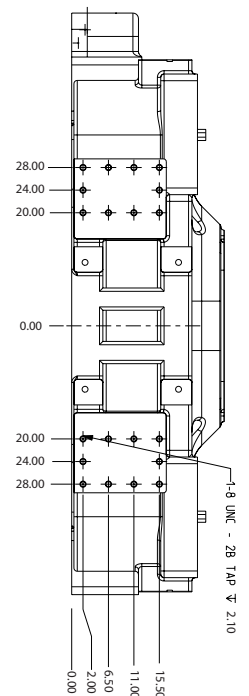
CLAMP ASSEMBLY



MOVABLE PLATEN*



ROBOT MOUNTING PATTERN*



* SPI Specifications. Refer to Appendix for Euromap specifications.

Titan Model 1100

Demag Plastics Group		Titan Model 1100		
Model Description		Titan Model 1100		
International Size Description		6400	9500	13600

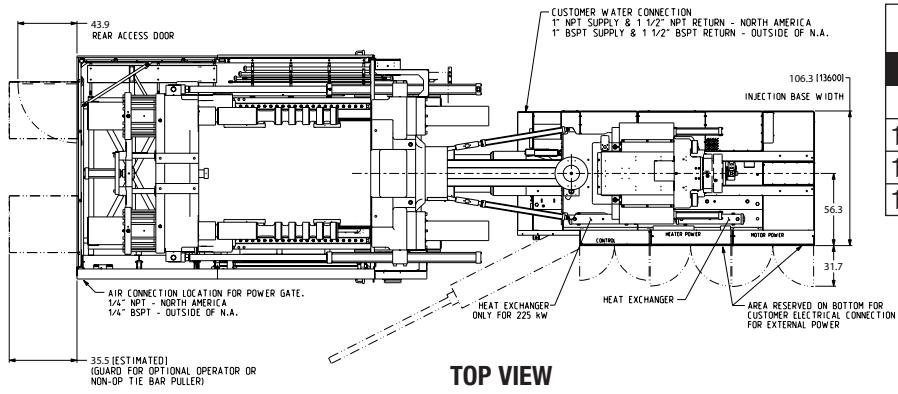
Clamp Unit				
Clamp Force	U.S. tons kN		1100	10000
Open Force	U.S. tons kN		57	508
Clamp Stroke - Max.	in. mm		74.8	1900
Mold Thickness - Min.	in. mm		19.7	500
Mold Thickness - Max.	in. mm		51.2	1300
Open Daylight - Max.	in. mm		94.5	2400
Platen Size				
Horizontal	in. mm		68.9	1750
Vertical	in. mm		60.6	1540
Distance Between Tie Bars				
Horizontal	in. mm		58.1	1475
Vertical	in. mm		45.3	1150
Ejector Stroke	in. mm		10.8	275
Ejector Force	U.S. tons kN		17	149
Clamp Speeds				
Closing	in./sec. mm/sec.	28.2 715	28.2 715	39.4 1000
Opening	in./sec. mm/sec.	26.2 665	26.2 665	39.4 1000

Injection Unit		6400			9500			13600		
Measure		HiPr	Std.	HiVol	HiPr	Std.	HiVol	HiPr	Std.	
Screw Diameter	in. mm	3.15 80	3.74 95	4.33 110	3.74 95	4.33 110	5.12 130	4.33 110	5.12 130	
Screw L/D Ratio		24/1	20/1	20/1	23/1	20/1	20/1	20/1	20/1	
Injection Capacity (GPPS)	oz. g	78 2220	110 3131	148 4198	128 3626	171 4861	239 6789	187 5303	261 7406	
Injection Capacity	cu. in. ccm	146 2388	205 3367	275 4514	238 3899	319 5227	445 7300	348 5702	486 7964	
Recovery Rate (GPPS)	oz./sec. g/sec	3.1 89	4.6 131	6.3 180	3.0 86	4.2 118	6.2 175	4.2 120	6.2 177	
Injection Pressure	psi bar	34,672 2391	27,480 1895	20,496 1413	33,439 2306	26,326 1815	18,849 1300	34,673 2391	24,825 1712	
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec. ccm/sec	33.3 546	47.0 770	63.0 1033	36.6 600	49.1 804	68.5 1123	55.9 917	78.1 1280	
Injection Stroke	in. mm		18.7 475			21.7 550		23.6 600		
Maximum Screw Speed	rpm		187			123		124		
Back Pressure Adjust	psi bar		75-300 5-20			75-300 5-20		75-300 5-20		
Barrel Heating Capacity	kW	43	43	59	59	59	79	79	94	

General Machine Specifications		6400			9500			13600		
Measure										
Oil Tank Capacity	gal. Liter	343 1300			343 1300			661 2500		
Pump Motor	Hp kW	147 110			147 110			221 165		
Pump Capacity (@100 psi) (@7 bar)	gpm LPM	139 527			139 527			210 796		
Machine Weight (approx.)	lb. kg	117,500 53,345			119,200 54,117			130,500 59,247		
Machine Dimensions										
Length (approx.)	ft. m	35.1 10.7			37.4 11.4			38.4 11.7		
Width (approx.)	ft. m	11.8 3.6			11.8 3.6			11.8 3.6		
Height (approx.)	ft. m	8.5 2.6			8.5 2.6			8.9 2.7		

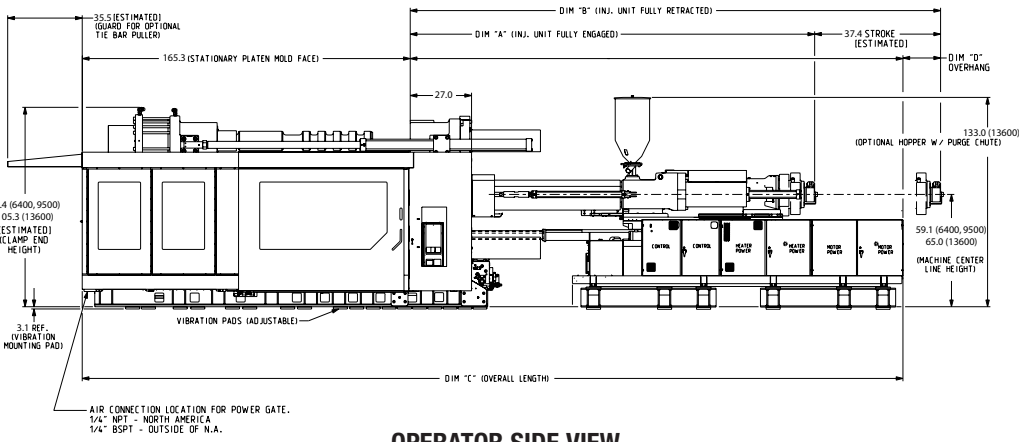
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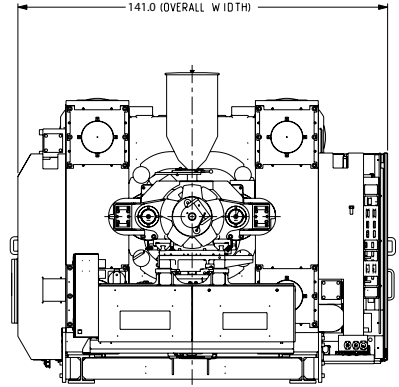


TOP VIEW

Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)
STANDARD BARREL				
95mm 20:1 6400	279.3	316.7	417.8	0
110mm 20:1 9500	297.1	334.5	447.0	0
130mm 20:1 13600	223.5	260.9	457.2	-28.4
130mm 25:1 13600	249.1	286.5	457.2	-2.8

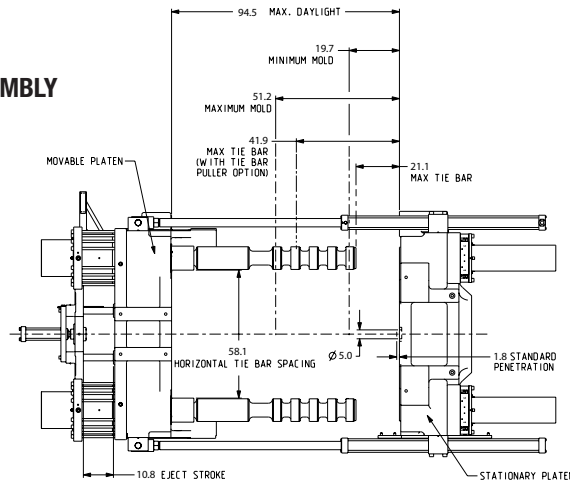


OPERATOR SIDE VIEW

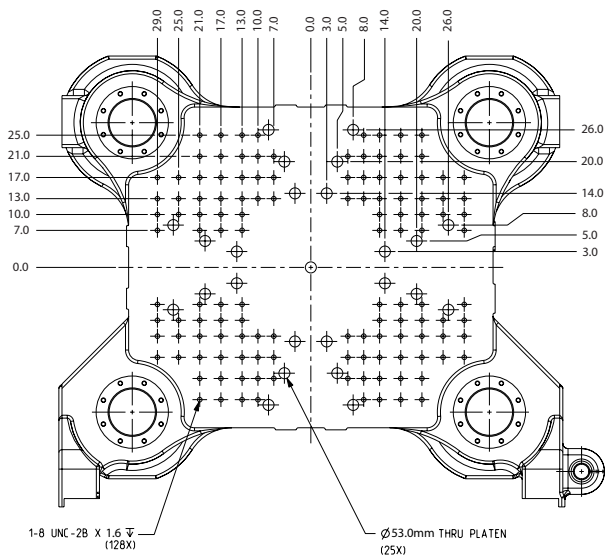


INJECTION END VIEW

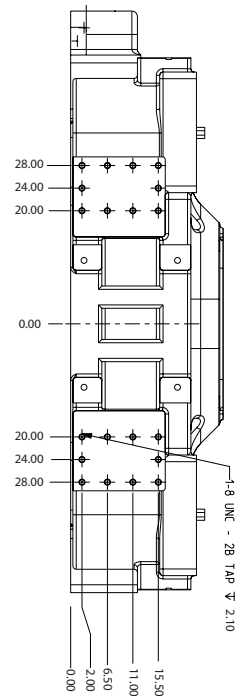
CLAMP ASSEMBLY



MOVABLE PLATEN*



ROBOT MOUNTING PATTERN*



* SPI Specifications. Refer to Appendix for Euromap specifications.

Titan Model 1220

Demag Plastics Group		Titan Model 1220			
Model Description		6400	9500	13600	19000
International Size Description					

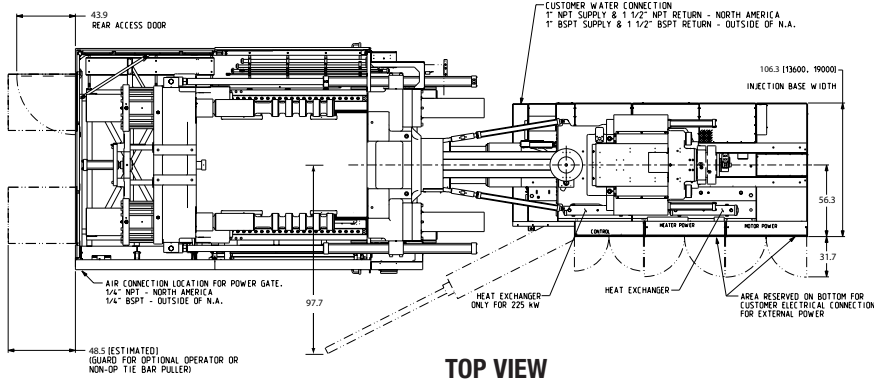
Clamp Unit					
Clamp Force	U.S. tons kN		1220	11000	
Open Force	U.S. tons kN		57	508	
Clamp Stroke - Max.	in. mm		83.5	2120	
Mold Thickness - Min.	in. mm		25.2	640	
Mold Thickness - Max.	in. mm		60.6	1540	
Open Daylight - Max.	in. mm		108.7	2760	
Platen Size					
Horizontal	in. mm		83.9	2130	
Vertical	in. mm		74.0	1880	
Distance Between Tie Bars					
Horizontal	in. mm		61.8	1570	
Vertical	in. mm		51.2	1300	
Ejector Stroke	in. mm		13.8	350	
Ejector Force	U.S. tons kN		26	233	
Clamp Speeds					
Closing	in./sec. mm/sec.	28.2 715	28.2 715	39.4 1000	39.4 1000
Opening	in./sec. mm/sec.	26.2 665	26.2 665	39.4 1000	39.4 1000

Injection Unit		6400			9500			13600			19000	
	Measure	HiPr	Std.	HiVol	HiPr	Std.	HiVol	HiPr	Std.	HiPr	Std.	
Screw Diameter	in. mm	3.15 80	3.74 95	4.33 110	3.74 95	4.33 110	5.12 130	4.33 110	5.12 130	5.12 130	5.71 145	
Screw L/D Ratio		24/1	20/1	20/1	23/1	20/1	20/1	20/1	20/1	20/1	20/1	
Injection Capacity (GPPS)	oz. g	78 2220	110 3131	148 4198	128 3626	171 4861	239 6789	187 5303	261 7406	287 8147	358 10,136	
Injection Capacity	cu. in. ccm	146 2388	205 3367	275 4514	238 3899	319 5227	445 7300	348 5702	486 7964	535 8760	665 10,899	
Recovery Rate (GPPS)	oz./sec. g/sec	3.1 89	4.6 131	6.3 180	3.0 86	4.2 118	6.2 175	4.2 120	6.2 177	4.7 134	6.1 174	
Injection Pressure	psi bar	34,672 2391	27,480 1895	20,496 1413	33,439 2306	26,326 1815	18,849 1300	34,673 2391	24,825 1712	31,600 2179	25,400 1751	
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec. ccm/sec	33.3 546	47.0 770	63.0 1033	36.6 600	49.1 804	68.5 1123	55.9 917	78.1 1280	61.4 1006	76.4 1251	
Injection Stroke	in. mm		18.7 475			21.7 550			23.6 600		26.0 660	
Maximum Screw Speed	rpm		187			123			124		95	
Back Pressure Adjust	psi bar		75-300 5-20			75-300 5-20			75-300 5-20		75-300 5-20	
Barrel Heating Capacity	kW	43	43	59	59	59	79	79	94	97	116	

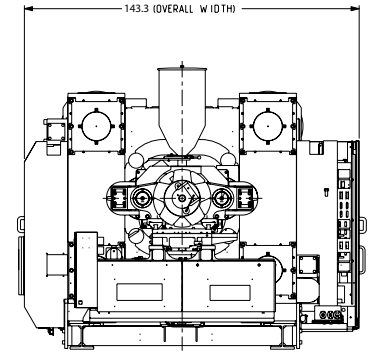
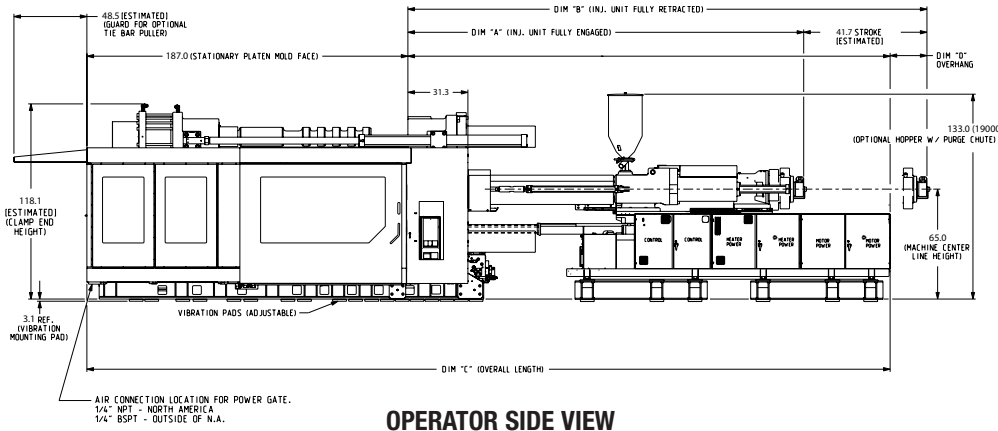
General Machine Specifications		6400			9500			13600			19000	
	Measure											
Oil Tank Capacity	gal. Liter	343	1300		343	1300		661	2500	661	2500	
Pump Motor	Hp kW	147	110		147	110		221	165	221	165	
Pump Capacity (@100 psi) (@7 bar)	gpm LPM	139	527		139	527		210	796	210	796	
Machine Weight (approx.)	lb. kg	149,000	67,646		150,700	68,418		162,000	73,548	170,500	77,407	
Machine Dimensions												
Length (approx.)	ft. m	37.1	11.3		39.7	12.1		40.4	12.3	40.7	12.4	
Width (approx.)	ft. m	12.1	3.7		12.1	3.7		12.1	3.7	12.1	3.7	
Height (approx.)	ft. m	9.8	3.0		9.8	3.0		9.8	3.0	9.8	3.0	

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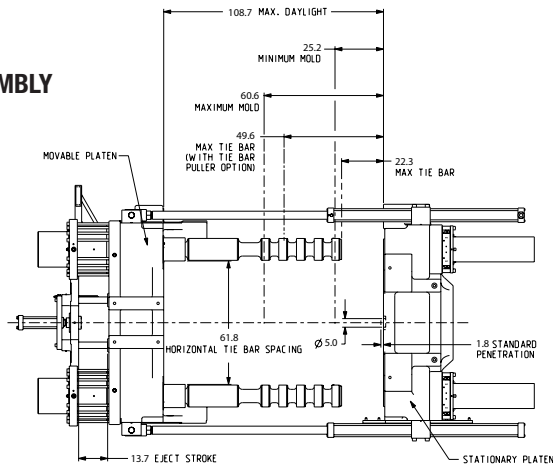
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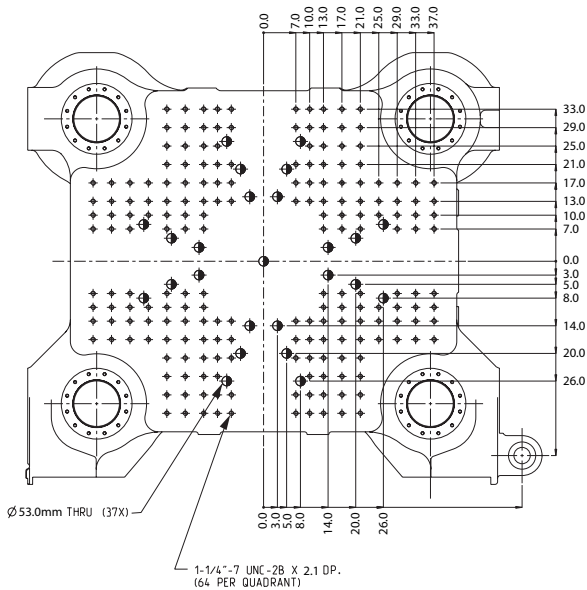
Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)
STANDARD BARREL				
95mm 20:1 6400	279.3	322.6	443.9	0
110mm 20:1 9500	297.0	340.4	473.0	0
130mm 20:1 13600	223.5	265.3	483.3	-28.4
130mm 25:1 13600	249.1	290.5	483.3	-2.8
145mm 20:1 19000	254.4	296.2	483.3	2.5
145mm 25:1 19000	290.4	332.1	483.3	38.4



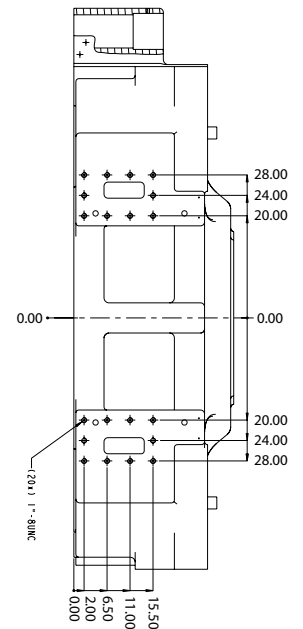
CLAMP ASSEMBLY



MOVABLE PLATEN*



ROBOT MOUNTING PATTERN*



* SPI Specifications. Refer to Appendix for Euromap specifications.

Titan Model 1500

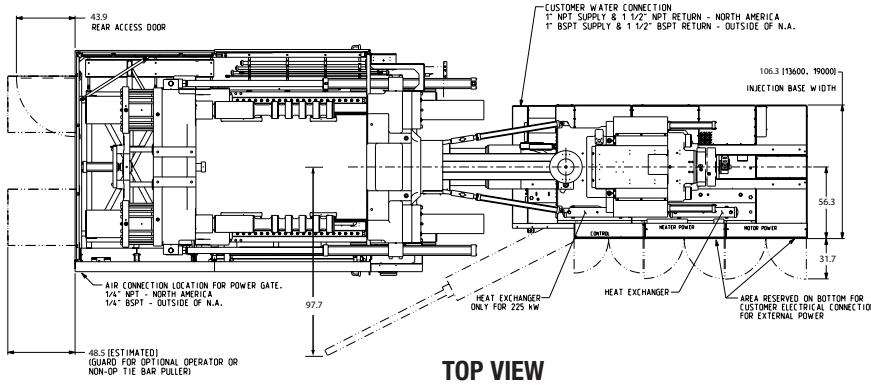
Demag Plastics Group			Titan Model 1500							
Model Description			Titan Model 1500							
International Size Description			6400	9500	13600	19000				
Clamp Unit										
Clamp Force	U.S. tons	kN		1500	13500					
Open Force	U.S. tons	kN		57	508					
Clamp Stroke - Max.	in.	mm		83.5	2120					
Mold Thickness - Min.	in.	mm		25.2	640					
Mold Thickness - Max.	in.	mm		60.6	1540					
Open Daylight - Max.	in.	mm		108.7	2760					
Platen Size										
Horizontal	in.	mm		83.9	2130					
Vertical	in.	mm		74.0	1880					
Distance Between Tie Bars										
Horizontal	in.	mm		61.0	1550					
Vertical	in.	mm		50.4	1280					
Ejector Stroke	in.	mm		13.8	350					
Ejector Force	U.S. tons	kN		26	233					
Clamp Speeds										
Closing	in./sec.	mm/sec.	28.2	715	28.2	715	39.4	1000	39.4	1000
Opening	in./sec.	mm/sec.	26.2	665	26.2	665	39.4	1000	39.4	1000

Injection Unit			6400			9500			13600			19000										
	Measure		HiPr	Std.	HiVol	HiPr	Std.	HiVol	HiPr	Std.	HiPr	Std.										
Screw Diameter	in.	mm	3.15	80	3.74	95	4.33	110	3.74	95	4.33	110	5.12	130	4.33	110	5.12	130	5.12	130	5.71	145
Screw L/D Ratio			24/1		20/1		20/1		23/1		20/1		20/1		20/1		20/1		20/1		20/1	
Injection Capacity (GPPS)	oz.	g	78	2220	110	3131	148	4198	128	3626	171	4861	239	6789	187	5303	261	7406	287	8147	358	10,136
Injection Capacity	cu. in.	ccm	146	2388	205	3367	275	4514	238	3899	319	5227	445	7300	348	5702	486	7964	535	8760	665	10,899
Recovery Rate (GPPS)	oz./sec.	g/sec	3.1	89	4.6	131	6.3	180	3.0	86	4.2	118	6.2	175	4.2	120	6.2	177	4.7	134	6.1	174
Injection Pressure	psi	bar	34,672	2391	27,480	1895	20,496	1413	33,439	2306	26,326	1815	18,849	1300	34,673	2391	24,825	1712	31,600	2179	25,400	1751
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec.	ccm/sec	33.3	546	47.0	770	63.0	1033	36.6	600	49.1	804	68.5	1123	55.9	917	78.1	1280	61.4	1006	76.4	1251
Injection Stroke	in.	mm			18.7	475					21.7	550			23.6	600					26.0	660
Maximum Screw Speed	rpm				187						123				124						95	
Back Pressure Adjust	psi	bar			75-300	5-20					75-300	5-20			75-300	5-20					75-300	5-20
Barrel Heating Capacity	kW		43		43		59		59		59		79		79		94		97		116	

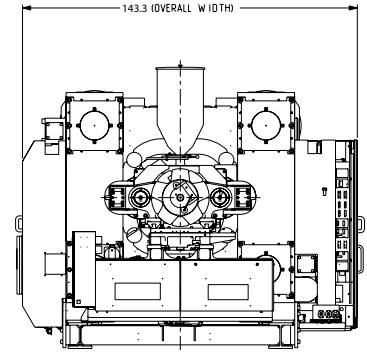
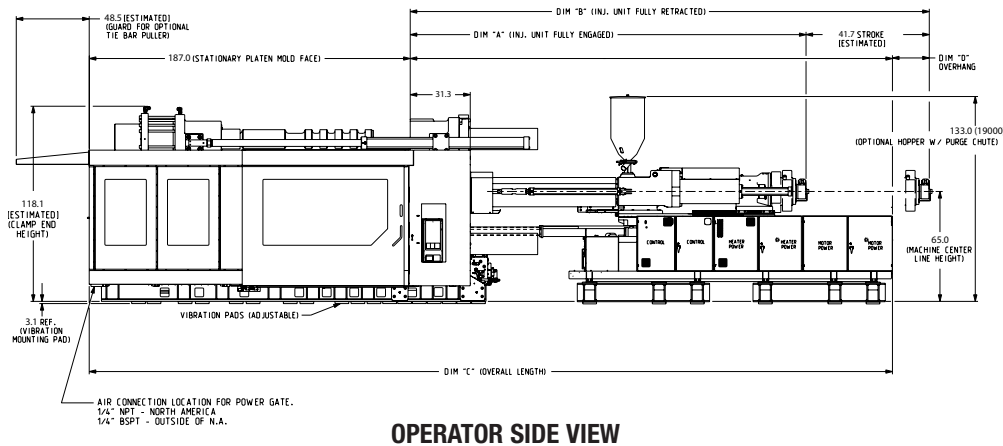
General Machine Specifications			6400			9500			13600			19000		
	Measure													
Oil Tank Capacity	gal.	Liter	343	1300			343	1300			661	2500	661	2500
Pump Motor	Hp	kW	147	110			147	110			221	165	221	165
Pump Capacity (@100 psi) (@7 bar)	gpm	LPM	139	527			139	527			210	796	210	796
Machine Weight (approx.)	lb.	kg	153,000	69,460			154,700	70,232			166,000	75,362	174,500	79,221
Machine Dimensions														
Length (approx.)	ft.	m	37.1	11.3			39.7	12.1			40.4	12.3	40.7	12.4
Width (approx.)	ft.	m	12.1	3.7			12.1	3.7			12.1	3.7	12.1	3.7
Height (approx.)	ft.	m	9.8	3.0			9.8	3.0			9.8	3.0	9.8	3.0

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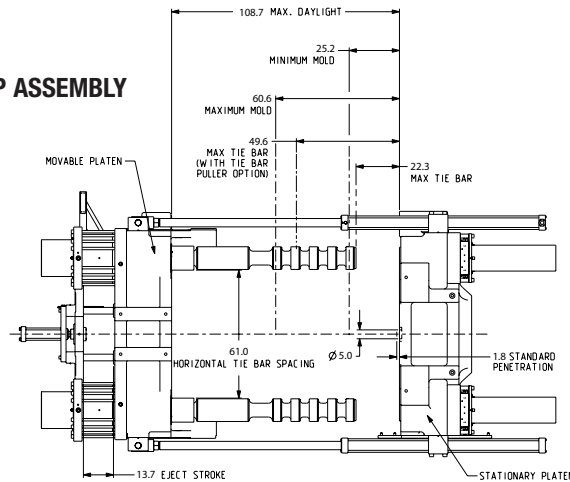
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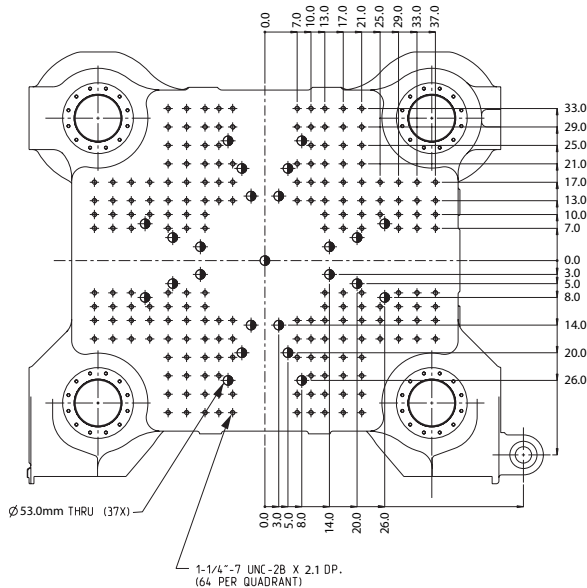
Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)
STANDARD BARREL				
95mm 20:1 6400	279.3	322.6	443.9	0
110mm 20:1 9500	297.0	340.4	473.0	0
130mm 20:1 13600	223.5	265.3	483.3	-28.4
130mm 25:1 13600	249.1	290.5	483.3	-2.8
145mm 20:1 19000	254.4	296.2	483.3	2.5
145mm 25:1 19000	290.4	332.1	483.3	38.4



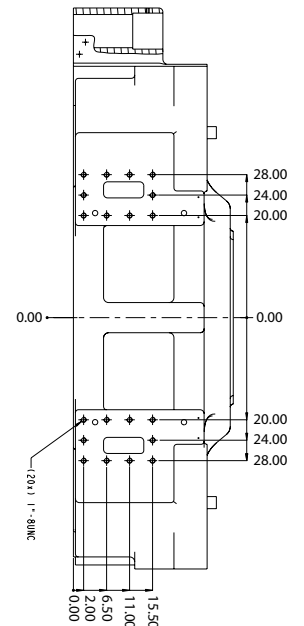
CLAMP ASSEMBLY



MOVABLE PLATEN*



ROBOT MOUNTING PATTERN*



* SPI Specifications. Refer to Appendix for Euromap specifications.

Titan Model 1760

Demag Plastics Group		Titan Model 1760		
Model Description		Titan Model 1760		
International Size Description		13600	19000	29000

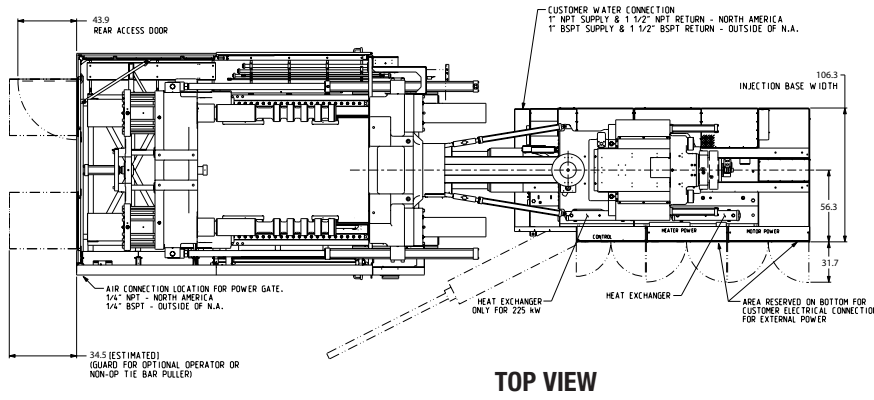
Clamp Unit				
Clamp Force	U.S. tons kN		1760	16000
Open Force	U.S. tons kN		118	1054
Clamp Stroke - Max.	in. mm		94.9	2410
Mold Thickness - Min.	in. mm		28.5	725
Mold Thickness - Max.	in. mm		67.9	1725
Open Daylight - Max.	in. mm		123.4	3135
Platen Size				
Horizontal	in. mm		97.6	2480
Vertical	in. mm		82.7	2100
Distance Between Tie Bars				
Horizontal	in. mm		72.0	1830
Vertical	in. mm		55.1	1400
Ejector Stroke	in. mm		15.7	400
Ejector Force	U.S. tons kN		54.0	483
Clamp Speeds				
Closing	in./sec. mm/sec.	19.1 485	19.1 485	28.4 722
Opening	in./sec. mm/sec.	20.5 521	20.5 521	30.5 775

Injection Unit		13600		19000		29000	
Measure		HiPr	Std.	HiPr	Std.	HiPr	Std.
Screw Diameter	in. mm	4.33 110	5.12 130	5.12 130	5.71 145	5.71 145	6.50 165
Screw L/D Ratio		20/1		20/1		20/1	
Injection Capacity (GPPS)	oz. g	187 5303	261 7406	287 8147	358 10,136	412 11,671	533 15,113
Injection Capacity	cu. in. ccm	348 5702	486 7964	535 8760	665 10,899	766 12,550	992 16,251
Recovery Rate (GPPS)	oz./sec. g/sec	4.2 120	6.2 177	4.7 134	6.1 174	6.8 192	9.2 261
Injection Pressure	psi bar	34,673 2391	24,825 1712	31,600 2179	25,400 1751	33,448 2306	25,830 1781
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec. ccm/sec	55.9 917	78.1 1280	61.4 1006	76.4 1251	89.4 1464	115.8 1896
Injection Stroke	in. mm	23.6 600		26.0 660		29.9 760	
Maximum Screw Speed	rpm	124		95		104	
Back Pressure Adjust	psi bar	75-300 5-20		75-300 5-20		75-300 5-20	
Barrel Heating Capacity	kW	79	94	97	116	123	147

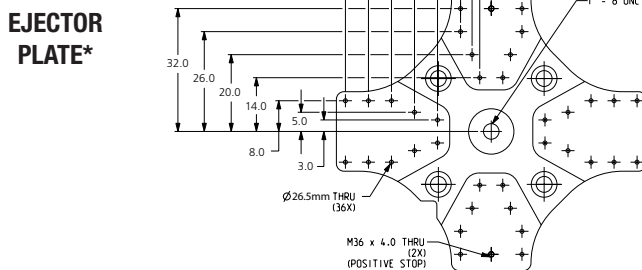
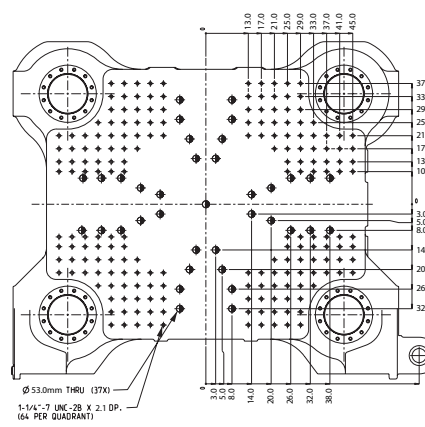
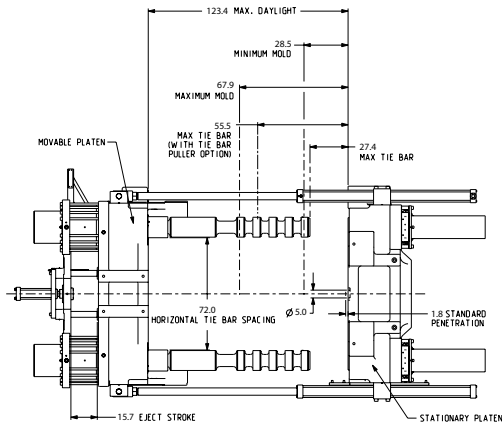
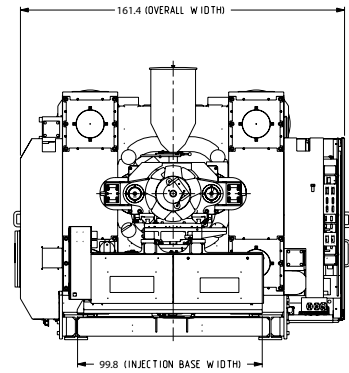
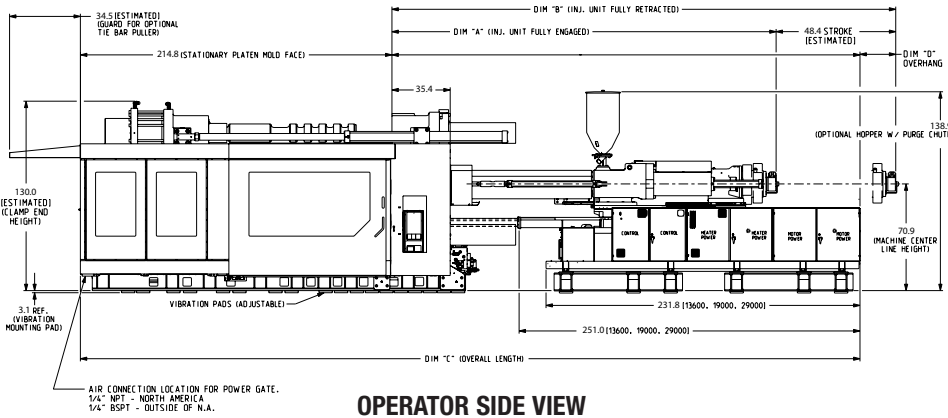
General Machine Specifications		13600		19000		29000	
Measure							
Oil Tank Capacity	gal. Liter	661	2500	661	2500	661	2500
Pump Motor	Hp kW	221	165	221	165	302	225
Pump Capacity (@100 psi) (@7 bar)	gpm LPM	210	796	210	796	313	1184
Machine Weight (approx.)	lb. kg	234,500	106,463	243,000	110,322	264,500	120,083
Machine Dimensions							
Length (approx.)	ft. m	43.0	13.1	43.3	13.2	46.3	14.1
Width (approx.)	ft. m	13.5	4.1	13.5	4.1	13.5	4.1
Height (approx.)	ft. m	10.8	3.3	10.8	3.3	10.8	3.3

Performance specifications are based on theoretical data and mold, material and conditions. Since continuous improvement is the policy of Demag Plastics Group, we reserve the right to change specifications, designs and performance data without prior notice or obligation.

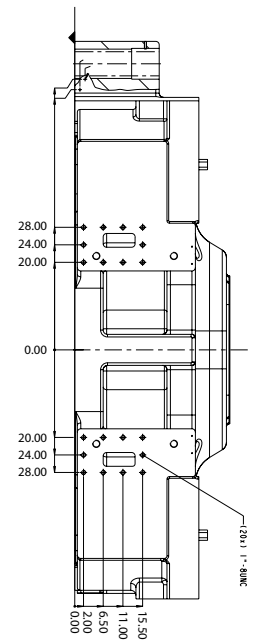
The specifications listed are standard. However, Demag Plastics Group will provide engineered options and solutions to meet virtually any performance requirements including high-speed configurations.



Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)	"D" (in.)
STANDARD BARREL				
110mm 20:1 13600	205.7	254.1	515.2	-46.3
110mm 25:1 13600	227.3	275.7	515.2	-24.6
130mm 20:1 13600	223.5	272.0	515.2	-28.4
130mm 25:1 13600	249.1	297.6	515.2	-2.8
130mm 20:1 19000	240.8	289.3	515.2	-11.1
130mm 25:1 19000	279.2	327.6	515.2	27.2
145mm 20:1 19000	254.5	302.9	515.2	2.5
145mm 25:1 19000	290.4	338.8	515.2	38.4
165mm 20:1 29000	286.6	335.0	553.3	-3.5
165mm 25:1 29000	319.1	367.5	553.3	28.9



ROBOT MOUNTING PATTERN*



* SPI Specifications. Refer to Appendix for Euromap specifications.

Titan Model 2200

Demag Plastics Group		Titan Model 2200			
Model Description		13600	19000	29000	40000
International Size Description					

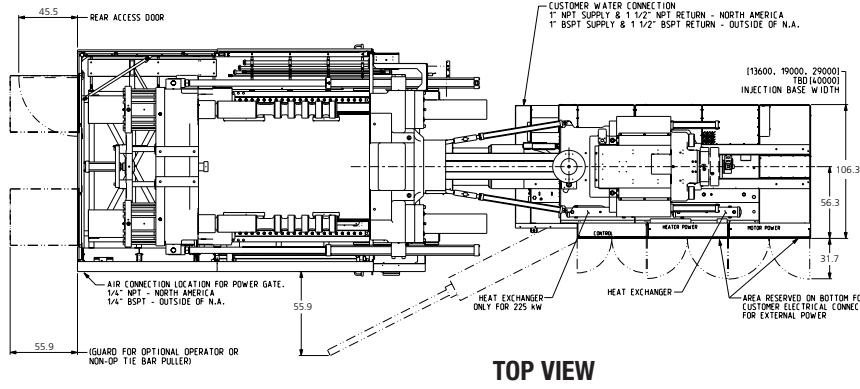
Clamp Unit					
Clamp Force	U.S. tons kN		2200	19800	
Open Force	U.S. tons kN		120	1069	
Clamp Stroke - Max.	in. mm		104.3	2650	
Mold Thickness - Min.	in. mm		29.9	760	
Mold Thickness - Max.	in. mm		73.2	1860	
Open Daylight - Max.	in. mm		134.3	3410	
Platen Size					
Horizontal	in. mm		102.4	2600	
Vertical	in. mm		94.5	2400	
Distance Between Tie Bars					
Horizontal	in. mm		75.4	1915	
Vertical	in. mm		61.0	1550	
Ejector Stroke	in. mm		15.7	400	
Ejector Force	U.S. tons kN		54	483	
Clamp Speeds					
Closing	in./sec. mm/sec.	19.1 485	19.1 485	28.4 722	31.5 800
Opening	in./sec. mm/sec.	20.5 521	20.5 521	30.5 775	31.5 800

Injection Unit		13600		19000		29000		40000			
Measure		HiPr	Std.	HiPr	Std.	HiPr	Std.	HiPr	Std.	HiVol	
Screw Diameter	in. mm	4.33 110	5.12 130	5.12 130	5.71 145	5.71 145	6.50 165	6.50 165	7.28 185	8.46 215	
Screw L/D Ratio		20/1		20/1		20/1		20/1			
Injection Capacity (GPPS)	oz. g	187 5303	261 7406	287 8147	358 10,136	412 11,671	533 15,113	596 16,903	750 21,249	1012 28,699	
Injection Capacity	cu. in. ccm	348 5702	486 7964	535 8760	665 10,899	766 12,550	992 16,251	1109 18,175	1394 22,848	1883 30,859	
Recovery Rate (GPPS)	oz./sec. g/sec	4.2 120	6.2 177	4.7 134	6.1 174	6.8 192	9.2 261	7.2 205	11.0 312	13.9 395	
Injection Pressure	psi bar	34,673 2391	24,825 1712	31,600 2179	25,400 1751	33,448 2306	25,830 1781	32,065 2211	25,507 1759	18,885 1302	
Injection Rate (@ 1740 psi) (@120 bar)	cu. in./sec. ccm/sec	55.9 917	78.1 1280	61.4 1006	76.4 1251	89.4 1464	115.8 1896	124.3 2037	156.2 2560	211.0 3458	
Injection Stroke	in. mm	23.6 600		26.0 660		29.9 760		33.5 850			
Maximum Screw Speed	rpm	124		95		104		82		71	
Back Pressure Adjust	psi bar	75-300 5-20		75-300 5-20		75-300 5-20		75-300 5-20			
Barrel Heating Capacity	kW	79	94	97	116	123	147	161	188	TBD	

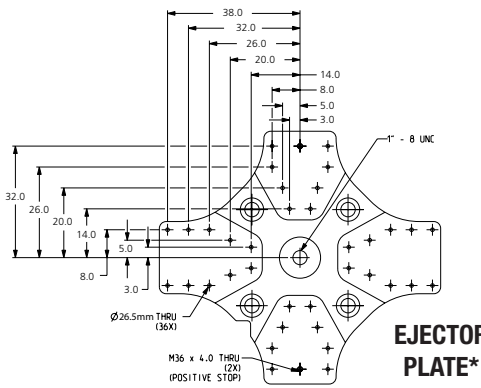
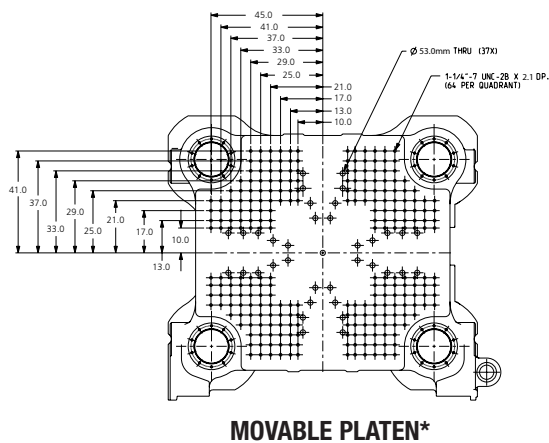
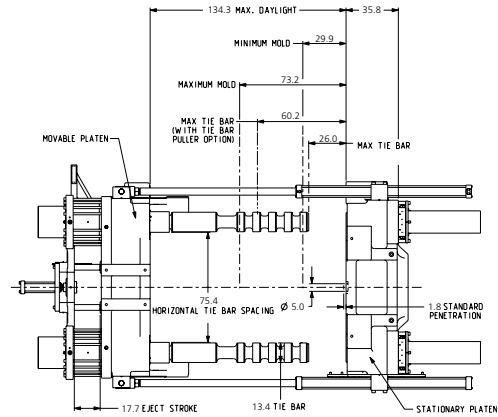
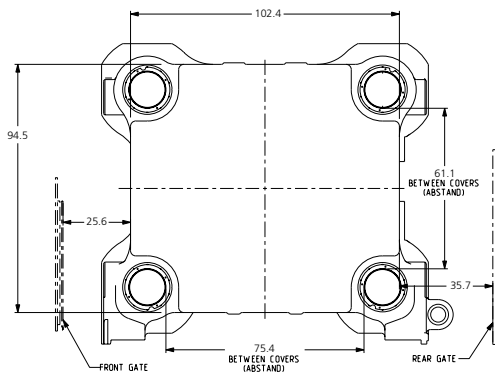
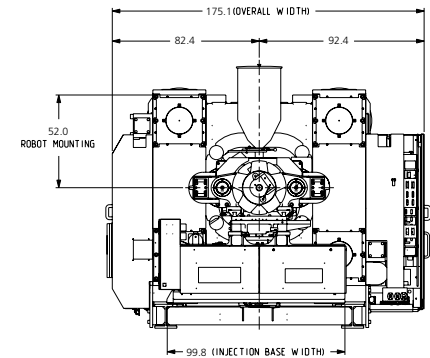
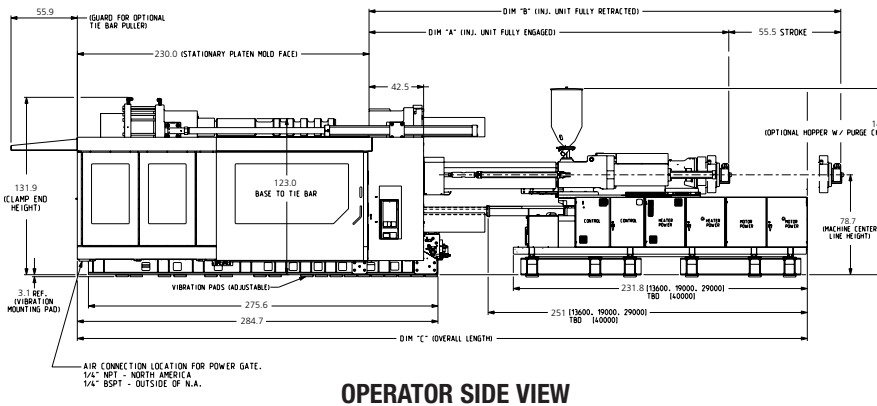
General Machine Specifications		13600		19000		29000		40000	
Measure									
Oil Tank Capacity	gal. Liter	661	2500	661	2500	661	2500	872	3300
Pump Motor	Hp kW	221	165	221	165	302	225	402	300
Pump Capacity (@100 psi) (@7 bar)	gpm LPM	210	796	210	796	313	1184	410	1553
Machine Weight (approx.)	lb. kg	265,500	120,537	274,000	124,396	295,500	134,157		TBD
Machine Dimensions		13600		19000		29000		40000	
Length (approx.)	ft. m	44.9	13.7	44.9	13.7	47.9	14.6		TBD
Width (approx.)	ft. m	14.8	4.5	14.8	4.5	14.8	4.5	14.8	4.5
Height (approx.)	ft. m	12.1	3.7	12.1	3.7	12.1	3.7	12.1	3.7

Performance specifications are based on theoretical data and mold, material and conditions. Since continuous improvement is the policy of Demag Plastics Group, we reserve the right to change specifications, designs and performance data without prior notice or obligation.

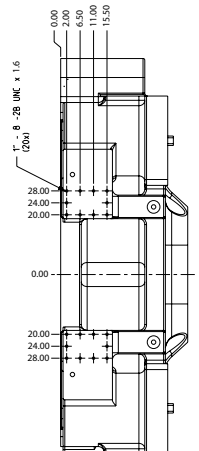
The specifications listed are standard. However, Demag Plastics Group will provide engineered options and solutions to meet virtually any performance requirements including high-speed configurations.



Injection Unit	"A" (in.)	"B" (in.)	"C" (in.)
STANDARD BARREL			
110mm 20:1 13600	205.7	261.2	537.4
110mm 25:1 13600	227.3	282.8	537.4
130mm 20:1 13600	223.5	279.1	537.4
130mm 25:1 13600	249.1	304.7	537.4
130mm 20:1 19000	240.8	296.3	537.4
130mm 25:1 19000	279.2	334.7	537.4
145mm 20:1 19000	254.5	310.0	537.4
145mm 25:1 19000	290.4	345.9	537.4
165mm 20:1 29000	286.6	342.1	575.6
165mm 25:1 29000	319.1	374.6	575.6



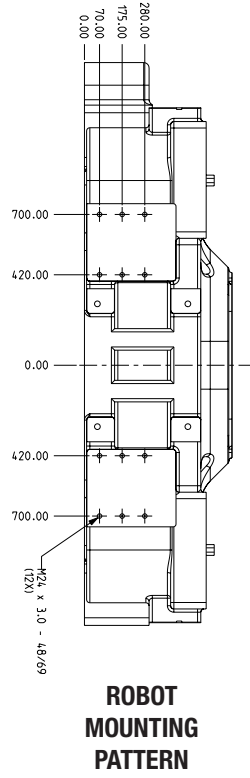
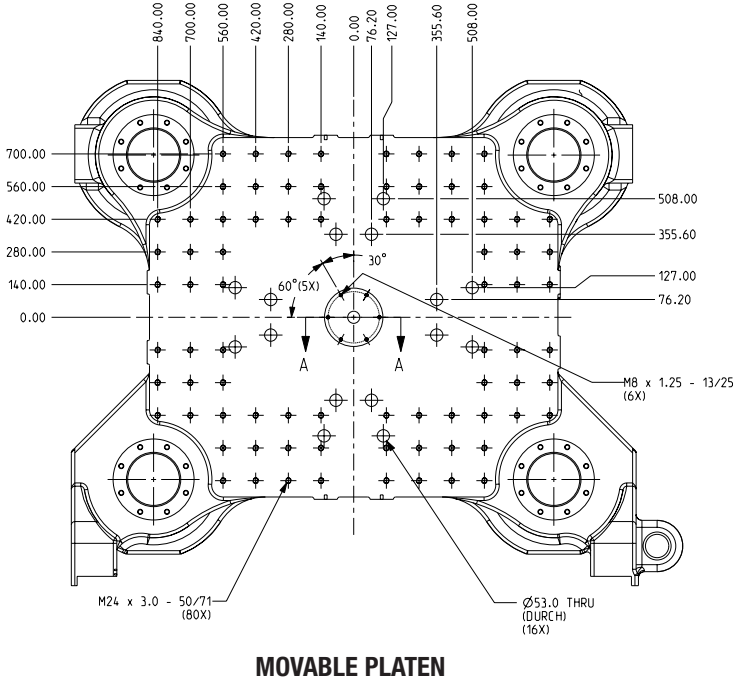
ROBOT MOUNTING PATTERN*



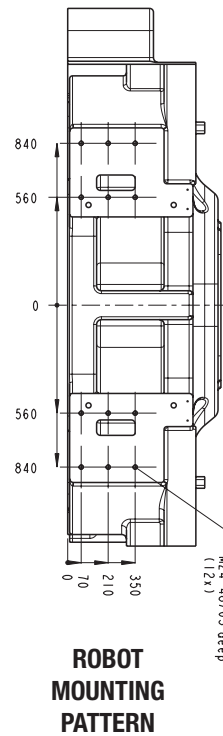
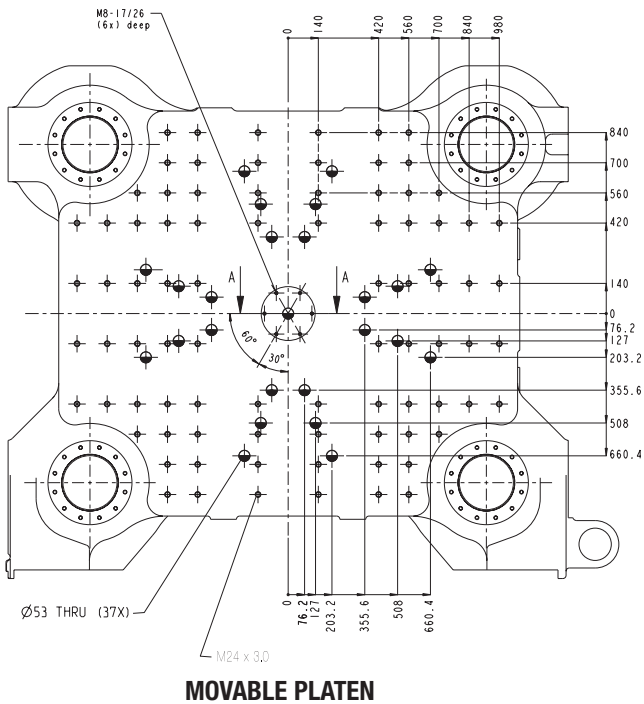
* SPI Specifications. Refer to Appendix for Euromap specifications.

Euromap Specifications (all dimensions are in millimeters)

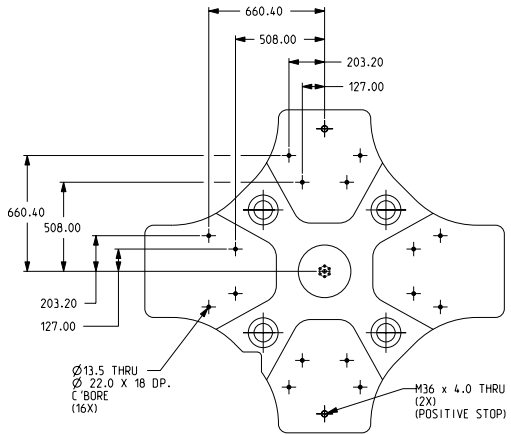
Titan Model 1000 & 1100



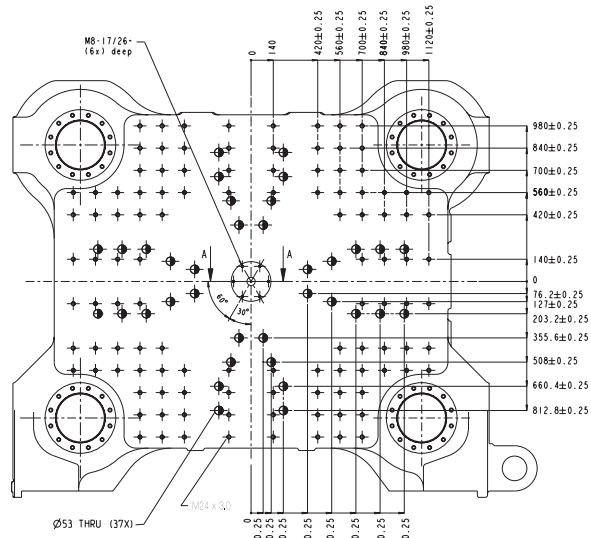
Titan Models 1220 & 1500



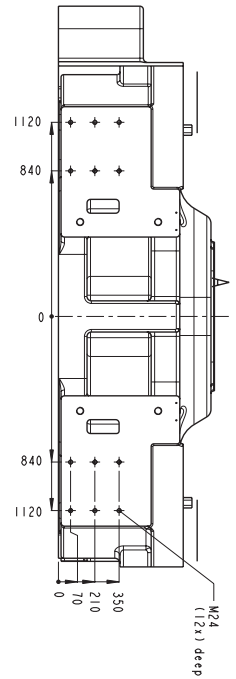
Titan Model 1760



EJECTOR PLATE

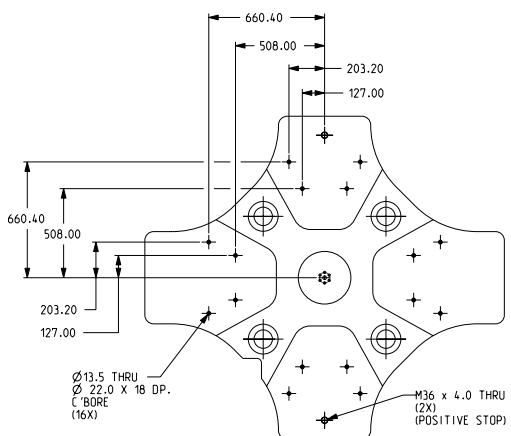


MOVABLE PLATEN

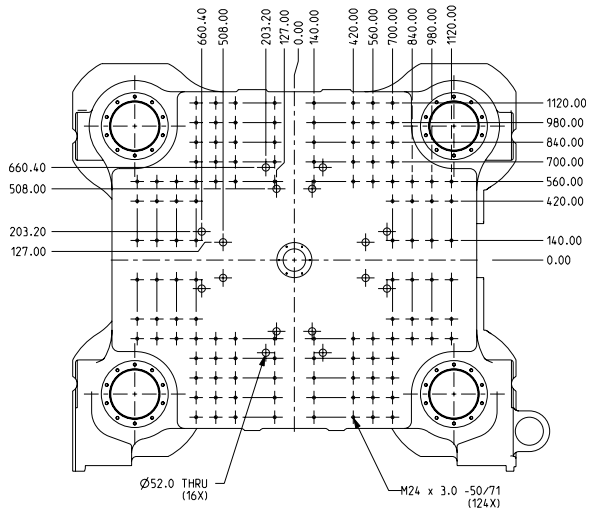


ROBOT MOUNTING PATTERN

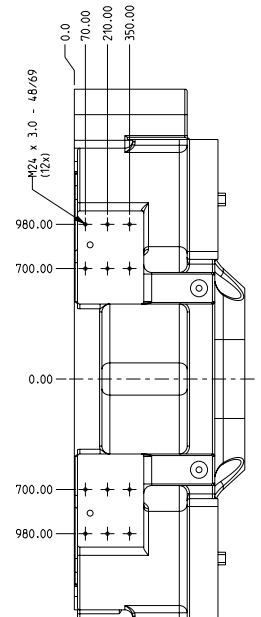
Titan Model 2200



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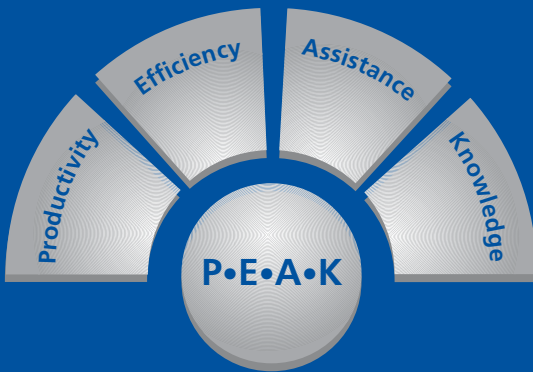
MOVABLE PLATEN



ROBOT MOUNTING PATTERN

INDUSTRY-LEADING AFTERMARKET SUPPORT

A SYSTEMATIC APPROACH TO P•E•A•K PERFORMANCE IN YOUR OPERATIONS!



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Your equipment represents a major investment. Getting the maximum return on that investment means keeping it in top operating shape all the time. To minimize downtime. Reduce and eliminate waste. And making sure you get the optimum return for every hour – and every dollar – of labor you spend.

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Chances are, the machines you already have are capable of producing more and better products than they ever have before. From recommissioning idle machinery to modernization for expanded capabilities and energy efficiency, Demag Plastics Group can help you get more from your current machines.

ASSISTANCE

Our staff of experts are ready to tackle your toughest problems, from cycle time improvement to scrap reduction, energy savings and more. Our Applications Group can even set up trial runs on molds, let you test-drive different injection molding machines, and help troubleshoot or refine your processes.

KNOWLEDGE

You're only as good as your people. We know that. That's why our Customer Technical Support Systems include extensive professional hands-on training services, either at one of our seven training centers or on-site at your location.

Our commitment to 100 percent customer satisfaction is part of the Demag Plastics Group experience. Contact us at 866.491.1045 or visit www.molderactionnetwork.com.

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TECHNICAL SERVICE

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APPLICATIONS GROUP

The Applications Group offers customers a wide range of services, including designing turnkey solutions, including auxiliaries, robotics, automation and project management; specifying Demag machine configurations for specific customer applications; analyzing and providing cycle time guarantees; mold trials and machine demonstrations at the Strongsville (OH), Placentia (CA), Roselle (IL), El Paso (TX), and Worcester (MA) technical centers; process documentation and technical sales support. email: applicationsgroup@dpg.com

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