

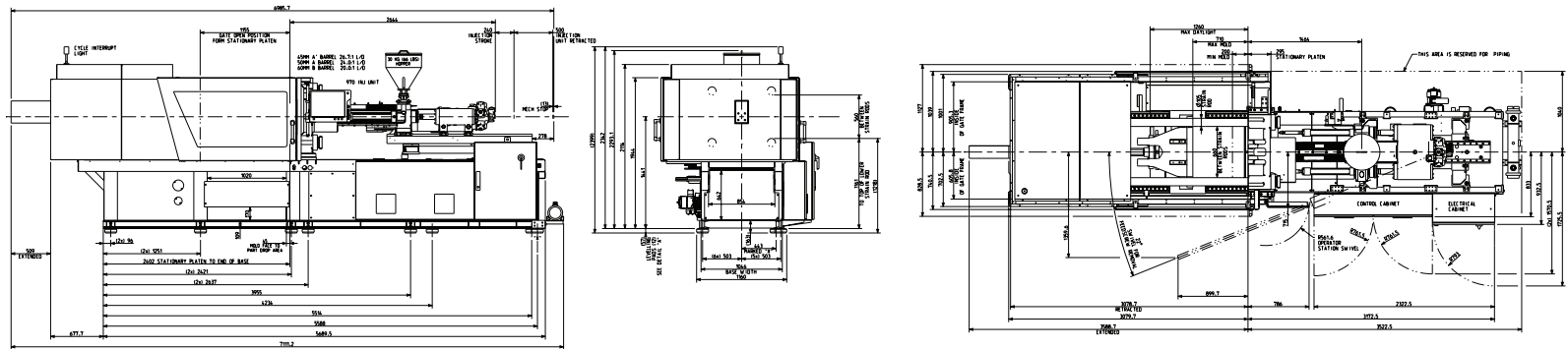


Q-SERIES

Tonnage: 260

**Frame Sizes:
970, 1540**

TECHNICAL SPECIFICATIONS



	ENGLISH METRIC	970 Frame			1540 Frame		
		A	B	C	A	B	C
General							
Electrical Motor	hp kW		18 13.6			18.2 13.6	
Total Oil Capacity	gal L		140 530			140 530	
Water Supply (29°C Inlet Temp)	gal/min L/min		19.8 75			19.8 75	
Connected Load	kW		30.5			38.5	
Overall Dimensions (L x W x H)	ft m		23.29 x 6.9 x 7.8 7.1 x 2.1 x 2.4			24.6 x 6.9 x 7.8 7.5 x 2.1 x 2.4	
Machine Weight	lbs kg		20,944 9,500			22,597 10,250	
Injection Unit Specifications							
Injection Capacity, Maximum GPPS	oz gms	12.8 363	15.8 448	22.8 646	18.4 523	26.6 753	36.2 1,025
Theoretical Displacement	in ³ cm ³	23.3 382	28.7 471	41.4 679	33.6 550	48.3 792	65.8 1,078
Maximum Injection Pressure	psi bar	32,600 2,249	29,800 2,057	20,700 1,428	32,400 2,236	28,100 1,941	20,600 1,426
Injection Rate	in ³ /sec cm ³ /sec	10 164	12.3 202	17.8 291	9.1 149	13.1 214	17.8 291
Injection Velocity	in/sec mm/sec		4.0 103			3.0 76	
Screw Stroke	in mm		9.4 240			11.0 280	
Back Pressure Limits	psi bar		500 34.5			500 34.5	
Screw Diameter	in mm	1.77 45	1.97 50	2.36 60	1.97 50	2.36 60	2.76 70
Screw L/D Ratio	L/D	26.7	24	20	28	23.3	20
Screw Speed	rpm		293			180	
Screw Torque @172 bar	in-lb Nm		11,800 1,305			19,300 2,126	
Plasticizing Rate (GPPS)	oz/sec gm/sec	0.9 27	1.6 44	2.4 68	0.9 27	1.4 41	2.3 66
Number of Pyrometers (Barrel/Nozzle)	qty		4/1			4/1	
Total Heat Capacity	kW		16.9			24.9	

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		970 Frame			1540 Frame		
	ENGLISH METRIC	A	B	C	A	B	C
Clamp							
Clamping Force	ton kN		258 2,300			258 2,300	
Opening Force	ton kN		25 230			25 230	
Clamp Stroke	in mm		21.7 550			21.7 550	
Clamp Close Velocity	in/sec cm/sec		35 90			35 90	
Clamp Open Velocity	in/sec cm/sec		35 90			35 90	
Eject Force (forward)	tons kN		7.3 65			7.3 65	
Eject Velocity (forward)	in/sec cm/sec		12 30			12 30	
Eject Velocity (retract)	in/sec cm/sec		12 30			12 30	
Ejector Stroke	in mm		7.9 200			7.9 200	
Mold Protect Pressure	psi bar		985 68			985 68	
Maximum Daylight	in mm		49.6 1260			49.6 1260	
Minimum Mold Height	in mm		7.9 200			7.9 200	
Maximum Mold Height	in mm		28.0 710			28.0 710	
Maximum Mold Weight	lbs kg		6062 2750			6062 2750	
Platen Size (H x V)	in mm		36.2 x 32.28 920 x 820			36.2 x 32.28 920 x 820	
Distance Between Tie Rods	in mm		25.98 x 22.0 660 x 560			25.98 x 22.0 660 x 560	
Tie Rod Diameter	in mm		4.1 105			4.1 105	
Dry Cycle Time (Euromap 6)	sec-mm		1.95 - 462			1.95 - 462	

Notes

- 1) All machine dimensions and specifications are subject to change. Values are for reference only. All general assembly drawings or visuals included herein are for reference only. Please consult the general assembly drawing from a Milacron representative.
- 2) These values are for standard machine horsepower and voltage (460v/3ph/60Hz) with no additional options.



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