



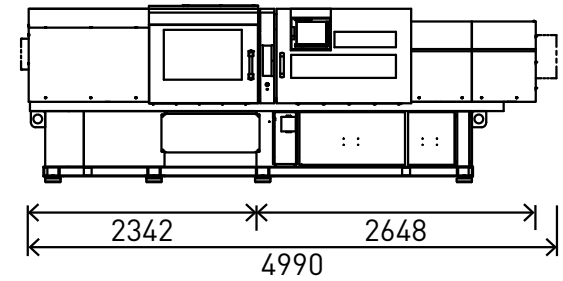
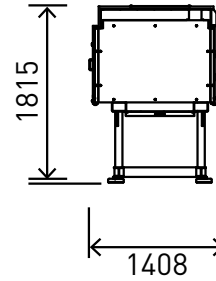
ROBOSHOT

ALPHA SERIES

Tonnage: 165-m

**Screw Diameter:
22, 26, 28, 32, 36, 40**

TECHNICAL SPECIFICATIONS



Screw Diameter		22	26	28	32	36	40
	ENGLISH METRIC						
General							
Overall Dimensions (L x W x H)	in mm	196.5 x 55.4 x 71.5 4,990 x 1,408 x 1,815					
Machine Weight	lbs kg	14,330 6,500					
Nominal Input Power Source	Ph/Volt	3 Phase, 220V +/-10%, 60 Hz +/- 1 Hz					
Breaker Size Machine Only	Amp	60					
Breaker Size with Aux Outlets	Amp	150					
Machine	kva	27.3					
External Outlet	kva	35.0					
Max Total Capacity	kva	62.3					
Injection Unit Specifications							
Injection Capacity, Maximum GPPS	oz gms	0.95 27	1.68 48	1.95 55	3.42 97	4.87 138	6.02 171
Theoretical Displacement	in ³ cm ³	1.7 29	3.1 50	3.6 58	6.3 103	8.9 147	11.0 181
Maximum Injection Pressure	psi bar	37,710 2,600	37,710 2,600	34,809 2,400	31,908 2,200	27,557 1,900	23,206 1,600
Maximum Pack Pressure	psi bar	37,710 2,600	37,710 2,600	31,908 2,200	29,008 2,000	24,656 1,700	20,305 1,400
Maximum Injection Velocity	in/sec cm/sec	12.99 33	12.99 33	12.99 33	12.99 33	12.99 33	12.99 33
Maximum Injection Rate	in ³ /sec cm ³ /sec	7.65 125	10.69 175	12.40 203	16.19 265	20.49 336	25.30 415
Screw Stroke	in mm	2.95 75	3.74 95	3.74 95	5.04 128	5.67 144	5.67 144
Screw Diameter	in mm	0.87 22	1.02 26	1.10 28	1.26 32	1.42 36	1.57 40
Screw L/D Ratio	L/D	20:1	20:1	20:1	20:1	20:1	20:1
Screw Speed Max	min ⁻¹	450	450	450	450	450	450
Nozzle Touch Force	ton tonf	1.65 1.5	1.65 1.5	1.65 1.5	1.65 1.5	1.65 1.5	1.65 1.5
Number of Pyrometers (Barrel/Nozzle)	qty	3/1	3/1	3/1	3/1	3/1	3/1
Total Heat Capacity	kW	3.8	6.5	7.2	8.4	9.1	10.1

©2017 Milacron LLC. All Rights Reserved.
Pub Number: T4.1106.B.08.17

4165 Half Acre Rd.,
Batavia OH 45103
513.536.2000
info@milacron.com
www.milacron.com

Screw Diameter		22	26	28	32	36	40
	ENGLISH METRIC						
Clamp		Standard			Optional		
Clamping Force	ton kN	165 1,500			198 1,800		
Mold Opening Stroke	in mm	17.32 440					
Ejector Force	tons kN	3.85 35					
Ejector Stroke Max	in mm	5.91 150					
Maximum Daylight (single platen)	in mm	39.96 1,015			43.9 1,115		
Min/Max Mold Thickness (single platen)	in mm	10.83 / 22.64 275 / 575			10.83 / 26.6 275 / 675		
Maximum Daylight (double platen)	in mm	37.01 940			40.94 1,040		
Min/Max Mold Thickness (double platen)	in mm	7.8 / 19.7 200 / 500			7.8 / 23.6 200 / 600		
Minimum Mold Size	in mm	13.8 x 11.8 350 x 300					
Maximum Mold Weight (single platen)	lbs kg	4,100 1,860					
Maximum Mold Weight (double platen)	lbs kg	3,527 1,600					
Platen Size (H x V)	in mm	31.5 x 29.5 800 x 750					
Distance Between Tie Rods (H x V)	in mm	22 x 20.1 560 x 510					
Tie Rod Diameter	in mm	3.54 90					
Euromap 6 Dry Cycle Time	sec	2.13					
Mold locating ring inside diameter	in mm	4.0 101.6					

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.



ROBOSHOT

ALPHA SERIES

Tonnage: 165-m

**Screw Diameter:
22, 26, 28, 32, 36, 40**

TECHNICAL SPECIFICATIONS

©2017 Milacron LLC. All
Rights Reserved.
Pub Number: T4.1106.B.08.17

4165 Half Acre Rd.,
Batavia OH 45103
513.536.2000
info@milacron.com
www.milacron.com