

THE LP2500MHP SERIES

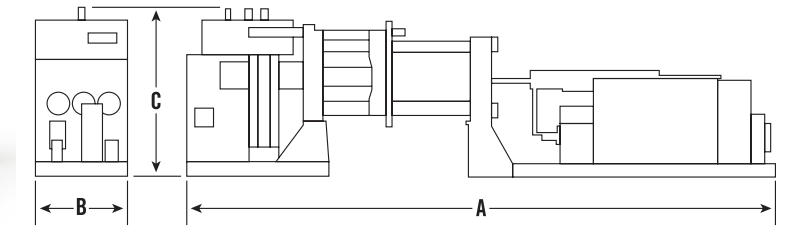
**LOW PRESSURE
MULTI NOZZLE SERIES**

TONNAGE: 2500

**TECHNICAL
SPECIFICATIONS**

Melt Unit: 2 x 646

LP2500MHP-2 x 646		
	ENGLISH METRIC	
Clamp		
Clamp Tonnage	tons tonnes	2,500 2,268
Platen Size (H x V)	in mm	200 x 110 5,080 x 2,794
Distance Between Tie Bars	in mm	72 x 53 x 2 1,829 x 1,346 x 2
Tie Bar Diameter (6 Tie Bar Machine)	in mm	4 x 13 & 2 x 15 4 x 330 & 2 x 381
Max. Clamp Opening (Daylight)	in mm	130 3,302
Clamp Stroke	in mm	120 3,048
Min. Mold Shut Height	in mm	10 254
Clamp Speed Max	in/sec mm/sec	14 356
Mold Carrying Capacity (Moving Platen w/ Way Supports)	lbs kg	35,000 22,688
Way Support System		Standard
Extruder		
Number of Extruders		2
Screw Diameter	in mm	6 152
L/D Ratio		30:1
Output HDPE or P.S. (total)	lbs/hr kg/hr	4,800 2,180
Drive Size	Hp kW	500 x 2 372.8 x 2
Barrel Heating\Cooling Zones		6 x 2
Barrel Cooling Type		Air Barrel Cooling



LP2500MHP-2 x 646		
	ENGLISH METRIC	
Injection		
Number of Accumulators		4
Total Shot Weight (Shot Size) PS/HDPE	lbs kg	300/240 136/108
Accumulators Volume (Each)	in ³ cm ³	2,300 37,690
Total Shot Volume	in ³ cm ³	9,200 150,760
Pressure Maximum (Per Accum.)	psi bar	6,000 414
Total Number of Shot Sizes		16
Independent Nozzle Sequence		48
Nozzle		
Multiple Nozzles		As Required
Nozzle Spacing	in mm	6 x 6 152 x 152
Number of Nozzle Locations		328
Nozzle Heat Control Zones		48
Manifold Extension Heat Control Zones		30
Nozzle Hydraulic Controls		48

LP2500MHP-2 x 646			
		ENGLISH METRIC	
A	Est. Configuration Length	ft m	72 21.9
B	Est. Configuration Width	ft m	22 6.7
C	Est. Configuration Height (without air bags)	ft m	13 3.9
	Est. Configuration Weight	tons tonnes	335 303
	Est. Power Consumption @ 85% Output	kW/hr	980

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.