



# LP2500MHP

## LOW PRESSURE MULTI NOZZLE SERIES

**Tonnage: 2500**

**Melt Unit:  
2 x 646**

### TECHNICAL SPECIFICATIONS

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

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

#### 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.

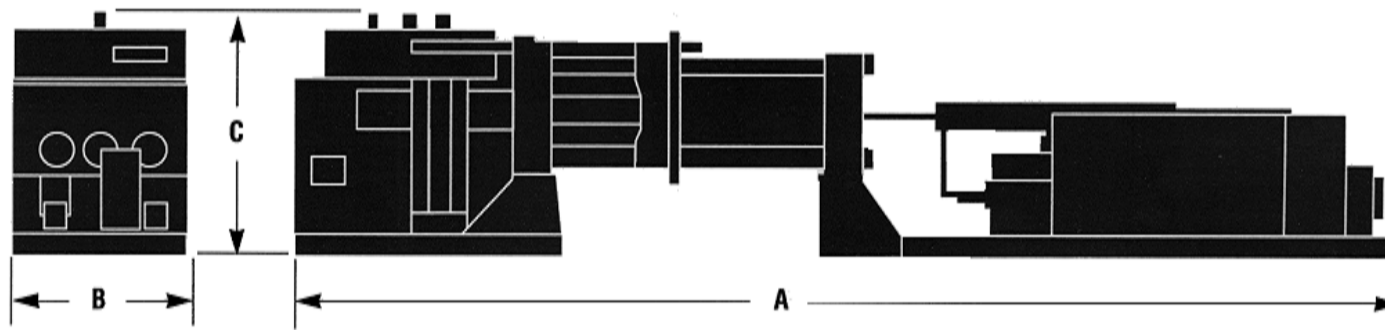
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LP2500MHP-2 x 646			
		ENGLISH METRIC	
A	Est. Configuration Length	ft m	72 21.9
B	Est. Configuration Width	ft m	22 6.7
C	Est. Configuration Height (without air bags)	ft m	13 3.9
	Est. Configuration Weight	tons tonnes	335 303
	Est. Power Consumption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

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