

MADE IN USA TUBE BENDERS METRIC SERIES TUBE BENDERS LASER TUBE CUTTERS			
Horn Metric LS220-5E Specifications			
Min		Max	
Imperial	Metric	Imperial	Metric
0.709"	18.0 mm	8.66"	220.0 mm
0.709"	18.0 mm	6.00"	152.4 mm
1.000"	25.4 mm	8.50"	216.0 mm
1.000" x 6.00" / 25 mm x 152.4 mm (EW or HW)			
6" IPS Schedule 80			
Carbon & stainless steel, AL, & Alloys			
Steel	Steel Stainless Steel		
O^2	N^2	N^2	
.315" / 8mm	.236" / 6mm	.236"	/ 6mm
.472" / 12mm	.315" / 8mm	.315" / 8mm	
.630" / 16mm	.393" / 10mm	.393" /	[/] 10mm
Note: If laser cutting speeds are reduced than thicker wall tubes may be cut			
Imperial	Metric	Imperial	Metric
120.00"	3048.0 mm	326.7"	8300.0 mm
120.00"	3048.0 mm	360.00"	9144.0 mm
·			
			Metric
			250 mm / sec
			352 mm / sec
		450 Deg / sec	
		777 mm / sec	
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included as standard with laser cutter			
480V, 3-Ph, 60 Hz, 18.5 kW, 32 Amps			
	March Marc	Min Imperial Metric 0.709" 18.0 mm 0.709" 18.0 mm 1.000" 25.4 mm 1.000" x 6.00" / 25 mm 6" IPS Carbon & stainle Steel O² N² .315" / 8mm .335" / 6mm .472" / 12mm .315" / 8mm .630" / 16mm .393" / 10mm .393" / 10mm .3048.0 mm 120.00" 3048.0 mm 120.00" 3048.0 mm 120.00" 3048.0 mm 15.12" 384 mm +/- 45 Deg +/- 360 Deg N/A 1,835 in/min +/- 0.00 +/- 0.00 +/- 0.00 10.00	Min

2 kW Laser (Assumes PF of .80) 480V, 3-Ph, 60 Hz, 18.5 kW, 32 Amps 3 kW Laser (Assumes PF of .80) 480V, 3-Ph, 60 Hz, 26 kW, 35 Amps

4 kW Laser (Assumes PF of .80) 480V, 3-Ph, 60 Hz, 29 kW, 37 Amps

Dual output air compressor (Assumpes PF of .80) Screw compressor with air dryer (15 kW, 23 Amps)

Air Requirement

Loading, Chucks & Unloading Laser Cutting

Fume collector and filtration

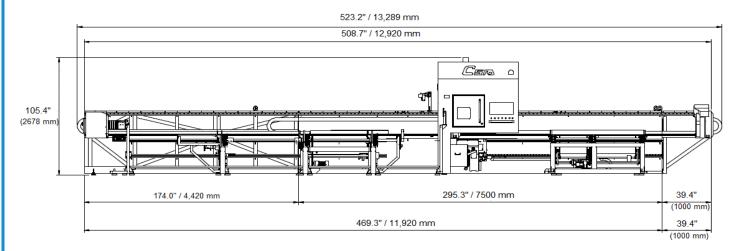
85 PSI (6 Kg / cm²) 213 PSI (15 Kg / cm²⁾

Vacuumn system for fume collection (3.73 kW, 6 Amps)

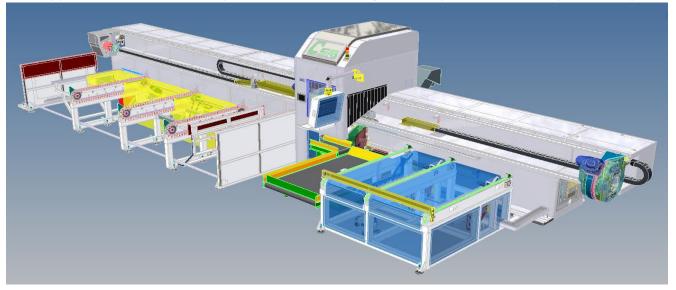


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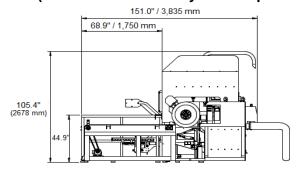
Horn Metric LS220-5E Floor Plan



Approximate Dimensions (Laser cutters will vary based upon end-user requirements)



Approximate Front View (Laser cutters will vary based upon end-user requirements)



End / Side View (Laser cutters will vary based upon end-user requirements)

Notes:

- 1) Dimensions and weights will vary based upon lengths of the loading and unloading systems.
- 2) For lasers in stock, if a voltage system other than 480V, 3-ph is required, a transformer will need to be provided.

Our Company....."Provides Excellent Results"