

# H1D 800



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All of our machines can be configured to accommodate smaller spaces, including lower ceiling heights.

Number of Mills		1
Disk Diameter	in.	31.5
	mm	800
Total Electrical Power Requirement	HP	218
	KW	162
Mill Motor	HP	200
	KW	149
Voltages Available		As Required
System Base Width x Depth	in.	108 x 72
	mm	2743 x 1829
System Maximum Height	in.	236
	mm	5994
Sifter Type		Centrifugal
Sifter Screen Area	in <sup>2</sup>	8 x 34 <sup>2</sup>
	cm <sup>2</sup>	8 x 86 <sup>2</sup>
Method of Grind Gap Adjustment		External While Running
Rate Control Type (Temp, Amps, Both)		Both
Computer Controls Included		Yes
Touchscreen Adjustable High Temp Control		Yes
Touchscreen Adjustable High Amp Control		Yes
Hopper Loader		Optional
Dust Collector		Optional
Production Rate 35 Mesh LLDPE	lb/hr	1400 / 3000
	kg/hr	636 / 1364
Production Rate 35 Mesh HDPE	lb/hr	1480 / 3140
	kg/hr	673 / 1427
In-Plant Set-up & Training Available		Yes

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# H1D 500



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Number of Mills		1	
Disk Diameter	in.	19.7	
	mm	500	
Total Electrical Power Requirement	HP	138	
	KW	103	
Mill Motor	HP	125	
	KW	93	
Voltages Available		As Required	
System Base Width x Depth	in.	86 x 71	
	mm	2185 x 1804	
System Maximum Height	in.	209	
	mm	5309	
Sifter Type		Centrifugal	
Sifter Screen Area	in <sup>2</sup>	6 x 34 <sup>2</sup>	
	cm <sup>2</sup>	6 x 86 <sup>2</sup>	
Method of Grind Gap Adjustment		External While Running	
Rate Control Type (Temp, Amps, Both)		Both	
Computer Controls Included		Yes	
Touchscreen Adjustable High Temp Control		Yes	
Touchscreen Adjustable High Amp Control		Yes	
Hopper Loader		Optional	
Dust Collector		Optional	
Production Rate	20 Mesh rigid PVC	lb/hr	1200 / 2000
		kg/hr	545 / 910
Production Rate	35 Mesh UHMW	lb/hr	800 / 1500
		kg/hr	364 / 682
Production Rate	35 Mesh HDPE	lb/hr	1000 / 1600
		kg/hr	455 / 728
In-Plant Set-up & Training Available		Yes	

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# H2D 500



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Number of Mills		2
Disk Diameter	in.	19.7
	mm	500
Total Electrical Power Requirement	HP	270
	KW	199
Mill Motor	HP	125
	KW	93
Voltages Available		As Required
System Base Width x Depth	in.	86 x 84
	mm	2185 x 2134
System Maximum Height	in.	231
	mm	5868
Sifter Type		Centrifugal
Sifter Screen Area	in <sup>2</sup>	8 x 34 <sup>2</sup>
	cm <sup>2</sup>	8 x 86 <sup>2</sup>
Method of Grind Gap Adjustment		External While Running
Rate Control Type (Temp, Amps, Both)		Both
Computer Controls Included		Yes
Touchscreen Adjustable High Temp Control		Yes
Touchscreen Adjustable High Amp Control		Yes
Hopper Loader		Optional
Dust Collector		Optional
Production Rate 20 Mesh rigid PVC	lb/hr	1600 / 2800
	kg/hr	727 / 1273
Production Rate 35 Mesh UHMW	lb/hr	1000 / 1700
	kg/hr	455 / 773
Production Rate 35 Mesh HDPE	lb/hr	1200 / 1800
	kg/hr	546 / 818
In-Plant Set-up & Training Available		Yes

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# H1D 400



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Number of Mills		1	
Disk Diameter	in.	15.7	
	mm	400	
Total Electrical Power Requirement	HP	85	
	KW	63	
Mill Motor	HP	75	
	KW	56	
Voltages Available		As Required	
System Base Width x Depth	in.	85 x 71	
	mm	2159 x 1804	
System Maximum Height	in.	198	
	mm	5029	
Sifter Type		Centrifugal	
Sifter Screen Area	in <sup>2</sup>	4 x 34 <sup>2</sup>	
	cm <sup>2</sup>	4 x 86 <sup>2</sup>	
Method of Grind Gap Adjustment		External While Running	
Rate Control Type (Temp, Amps, Both)		Both	
Computer Controls Included		Yes	
Touchscreen Adjustable High Temp Control		Yes	
Touchscreen Adjustable High Amp Control		Yes	
Hopper Loader		Optional	
Dust Collector		Optional	
Production Rate	20 Mesh rigid PVC	lb/hr	800 / 1400
		kg/hr	363 / 636
Production Rate	35 Mesh UHMW	lb/hr	420 / 1000
		kg/hr	190 / 455
Production Rate	35 Mesh HDPE	lb/hr	500 / 1000
		kg/hr	227 / 455
In-Plant Set-up & Training Available		Yes	

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# H1D 250



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Number of Mills		1	
Disk Diameter	in.	10	
	mm	254	
Total Electrical Power Requirement	HP	35	
	KW	27	
Mill Motor	HP	30	
	KW	22	
Voltages Available		As Required	
System Base Width x Depth	in.	53 X 71	
	mm	1346 x 1803	
System Maximum Height	in.	149	
	mm	3785	
Sifter Type		Centrifugal	
Sifter Screen Area	in <sup>2</sup>	2 x 34 <sup>2</sup>	
	cm <sup>2</sup>	2 x 86 <sup>2</sup>	
Method of Grind Gap Adjustment		External While Running	
Rate Control Type (Temp, Amps, Both)		Both	
Computer Controls Included		Yes	
Touchscreen Adjustable High Temp Control		Yes	
Touchscreen Adjustable High Amp Control		Yes	
Hopper Loader		Optional	
Dust Collector		Optional	
Production Rate	20 Mesh rigid PVC	lb/hr	250 / 500
		kg/hr	114 / 228
Production Rate	35 Mesh UHMW	lb/hr	150 / 300
		kg/hr	68 / 136
Production Rate	35 Mesh HDPE	lb/hr	200 / 350
		kg/hr	91 / 159
In-Plant Set-up & Training Available		Yes	

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Number of Mills		1	
Disk Diameter	in.	10	
	mm	254	
Total Electrical Power Requirement	HP	7.5	
	KW	5.6	
Mill Motor	HP	7.5	
	KW	5.6	
Voltages Available		As Required	
System Base Width x Depth	in.	39 x 32.75	
	mm	996 x 832	
System Maximum Height	in.	54 / 35	
	mm	1372 / 889	
Sifter Type		N/A	
Sifter Screen Area	in <sup>2</sup>	N/A	
	cm <sup>2</sup>	N/A	
Method of Grind Gap Adjustment		External While Running	
Rate Control Type (Temp, Amps, Both)		Manual	
Computer Controls Included		N/A	
Touchscreen Adjustable High Temp Control		N/A	
Touchscreen Adjustable High Amp Control		N/A	
Hopper Loader		N/A	
Dust Collector		N/A	
Production Rate	20 Mesh Rigid PVC	lb/hr	N/A
		kg/hr	N/A
Production Rate	35 Mesh UHMW	lb/hr	N/A
		kg/hr	N/A
Production Rate	35 Mesh HDPE	lb/hr	N/A
		kg/hr	N/A
In-Plant Set-up & Training Available		N/A	

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