ELF SYSTEMS

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HL - 20W/WP Fiber & Wool Shredder

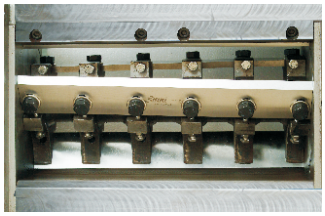
LOW SPEED WOOL SHREDDERS

HL - 20 (W) Series of low speed shredders has been specifically designed for a low speed sheering action perfect for the cutting of fiberous materials such as wool. Each system comes with integrated paddle blades or staggered blades for optimal shredding. The unit is powered by a low speed high torque motor (4.8kw) and is designed toproduce low noise and dust levels during operation. The system complies with CE high safety and all electrical components are stamped for the location of sale.

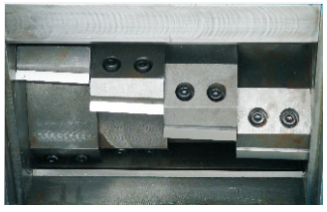
HL - 20 W/WP

FEATURES:

- High safety grade design.
- Small in size with castors for easy moving.
- Best shear angle ensure the efficiency of material cutting.
- Low speed and soundproof material hopper brings a quieter operation environment.
- Low granulating speed ensures low dust level during operation.
- Low energy consumption.
- Optimal design can effectively reduce vibration during operation of the machine.
- Easy to access for easy maintenance and cleaning.
- The machines with either staggered blades or paddle blades design can be supplied on customer requirements.



Paddle blades



Staggered blades

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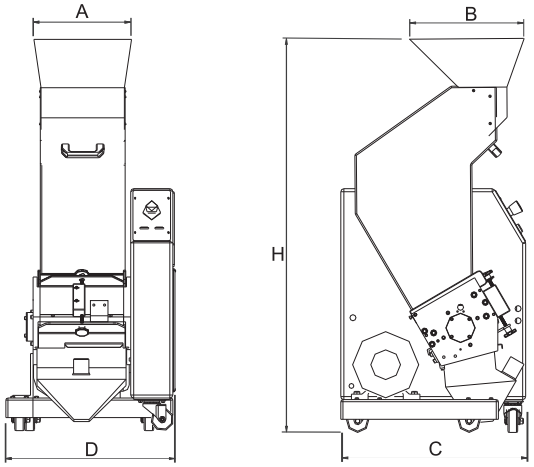
Model: W blade/WP Paddle	HL—W	HL-WP
Motor Power (KW 50/60 Hz)	4.0/4.8	4.0/4.8
Rotor Speed (rpm, 50/60 Hz)	290/348	290/348
Type of blades	Staggered	Paddle
Number of fixed blades	2	2
Number of rotating Blades	3 x 4	3
Cutting chamber (mm)	200 x 280	200 x 280
Throughput capacity (kg/hr, 50/60Hz)	80/95	80/95
Noise level dB (A)	82	82
Blade material (DC53)	S	S
Blade material (SKH-9)	o	o
Magnetically charged hood	s	s
Diameter of screen hole 6mm	s	s
Diameter od screen hole (4,8,10,12 mm)	o	o
Blower conveyance with cyclone	o	o

Dimensions (see diagrams)	HL– W	HL—WP
A (mm)	420	420
B (mm)	420	420
C (mm)	700	700
D (mm)	500	500
E (mm)	1300	1300
Weight (kg)	225	225

Note:
1) "s" standard "o" optional
2) Maximum capacity depends on screen hole and material type
3)Noise level will vary depending on material type
4)DC53 and SKH-9 are Japanese material codes
5) Available power 3 phase - 230/400/460/575 v 50/60 Hz



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