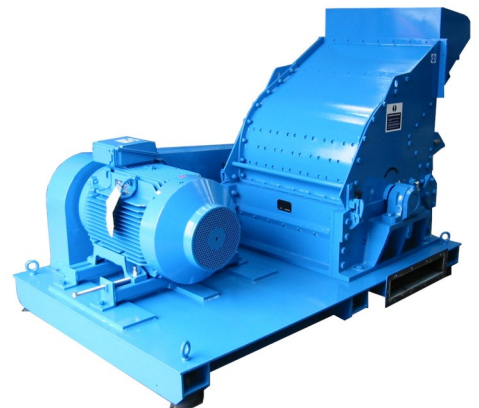


MIRACLE MILLS 300 SERIES HAMMER MILLS

THE MIRACLE MILL 300 IS A MEDIUM TO HEAVY DUTY HAMMER MILL IDEAL FOR PARTICLE SIZE REDUCTION OF FEED, BIOMASS & ABRASIVE MATERIALS.

TYPICAL APPLICATIONS

- Biomass – chipboard, MDF, straw, wood chip or wood shavings for animal bedding or pelleting
- Feed – grains including barley, maize, beans, wheat, oats
- Other – brake linings, chemicals, dried seaweed, linoleum, minerals & oil seed



FEATURES

- 1 Developed from the proven grinding chamber profile of the Miracle Mill Standard and Super Mills
- 2 The Miracle Mill has a heavy duty construction using a cast iron base to absorb vibration, reduce noise and ensuring the mill has a long lifespan
- 3 The top section is fabricated from wear resistant steels with replaceable Hardox front and rear grinding plates
- 4 Material is reduced in size by the shattering blows of the swinging beaters
- 5 The beaters are held in place with rigid pins enabling them to ride heavy shock loads before returning to the grinding position
- 6 Perforated plate semi-circular interchangeable screens determine maximum product particle size
- 7 The top section of the mill hinges open and is supported on gas struts making it easy to slide the screen into grooves on either side of the mill base
- 8 The mill can be configured for different discharge options of gravity, independent suction or blown discharge from an integral fan
- 9 The mill inlet can be supplied inclusive of a plate magnet as an extra measure to prevent metal entering the grinding chamber
- 10 Power Range 22Kw—90Kw
- 11 Can be made from steel or Stainless steel

BENEFITS

- Extremely tough, resilient machine
- The range of mills have a common cross section with different widths of rotors as they increase in size so parts are common across the range
- A range of different beater materials and profiles depending on the product being processed

PRODUCT TRIALS

- In most cases expert advice on the capability of processing materials can be offered from Christy Turner's library of test reports. Demonstrations are available on request

REPLACEMENT WEAR PARTS

- To guarantee reliability and performance it is imperative to use genuine parts. All Christy Turner replacement parts are guaranteed to be manufactured from the most suitable wear materials and to the correct dimensional specification



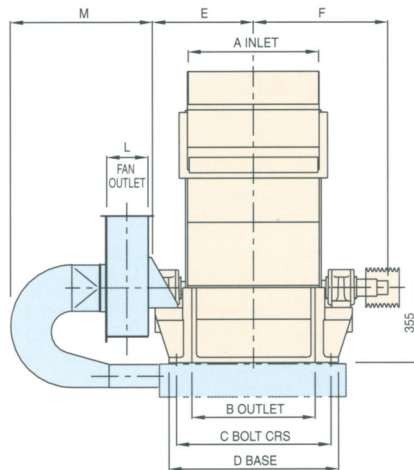
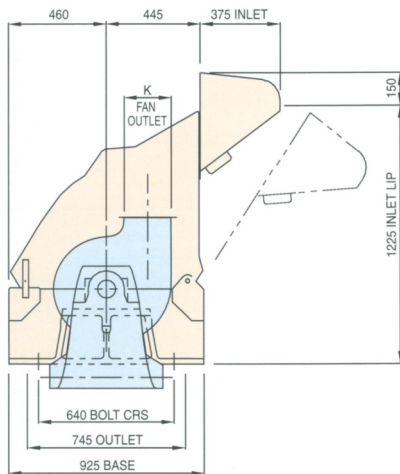
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MIRACLE MILLS 300 SERIES HAMMER MILLS

MODELS & SIZES

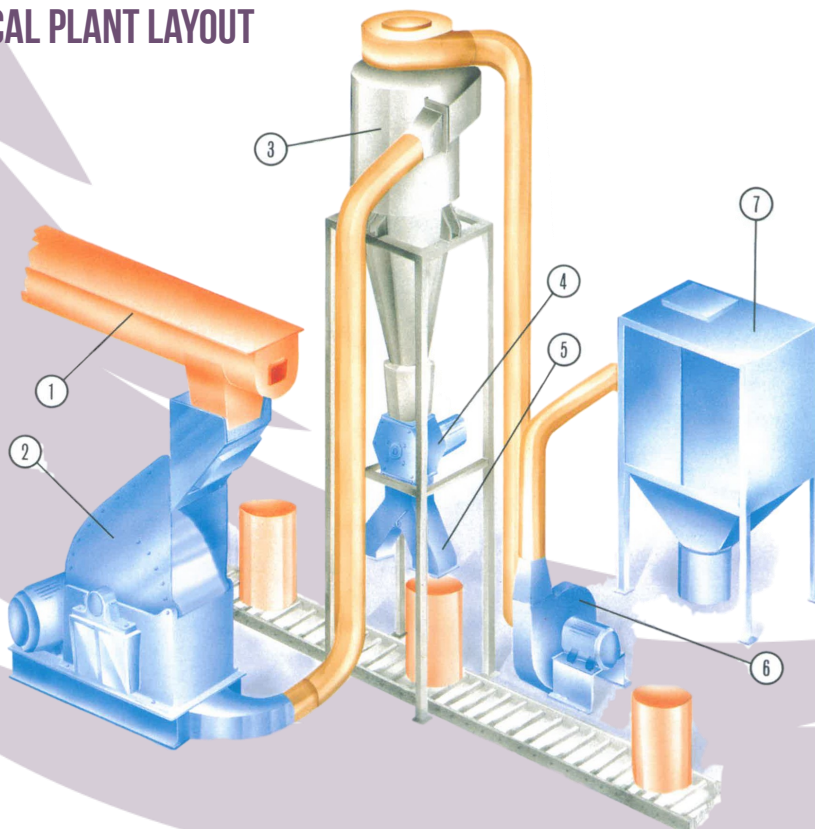
Model	kW	RPM	No Hammers	Screen Area m ²	Dimensions in mm						Weight including Motor (kg)
					A INLET	B OUTLET	C	D	E	F	
No 2	22-30	2800	24	0.24	277	242	392	462	307	464	660
No 3	30-45	2800	36	0.35	391	356	506	576	364	521	770
No 4	45-55	2800	48	0.46	505	470	620	690	421	578	890
No 5	55-75	2800	60	0.56	619	584	734	804	478	635	1020
No 7	75-90	2800	84	0.77	840	832	876	912	592	749	1270



Optional Integral Fan

Model	Fan Size	Dimensions in mm		
		K	L	M
No 2 & 3	100	220	150	624
No 3 & 4	150	220	200	674
No 4 & 5	200	220	250	724

TYPICAL PLANT LAYOUT



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