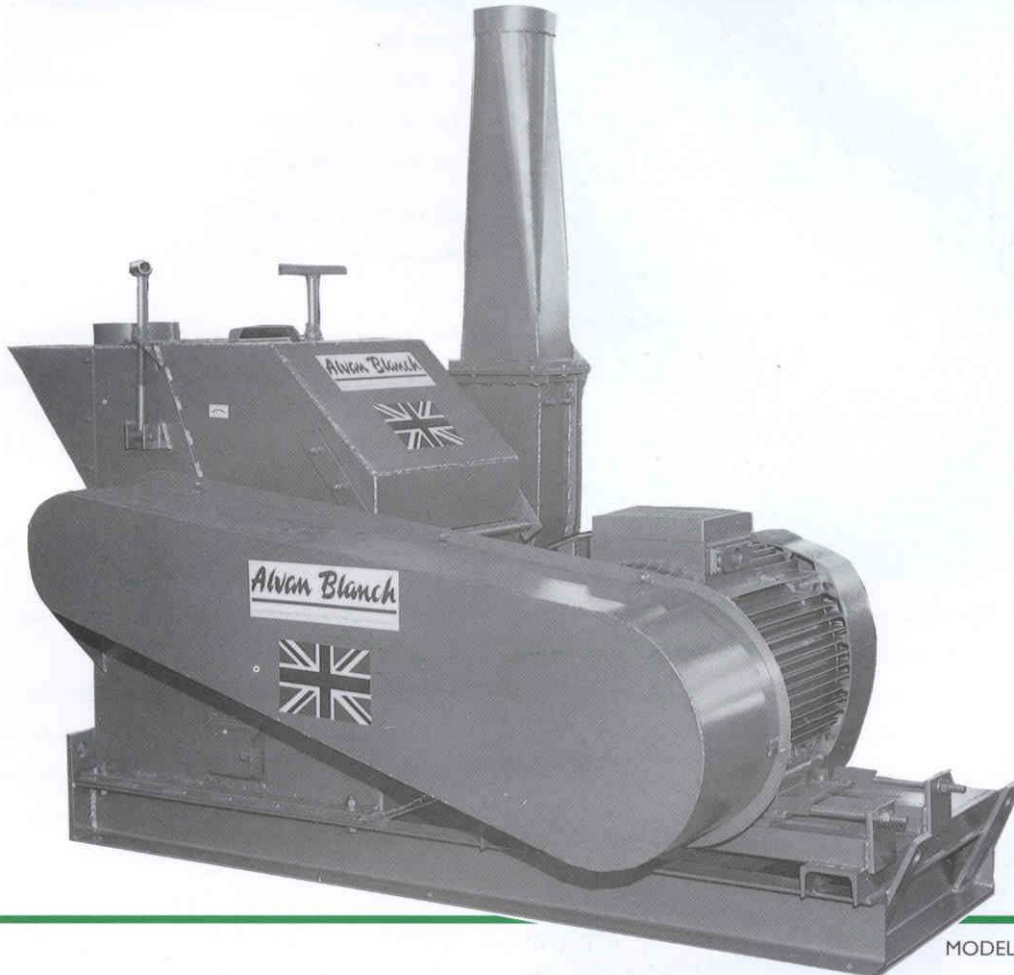


HAMMERMILLS – INDUSTRIAL



MODEL L20/75

AB Extra robust construction for long life

AB Power range from 40 to 200hp

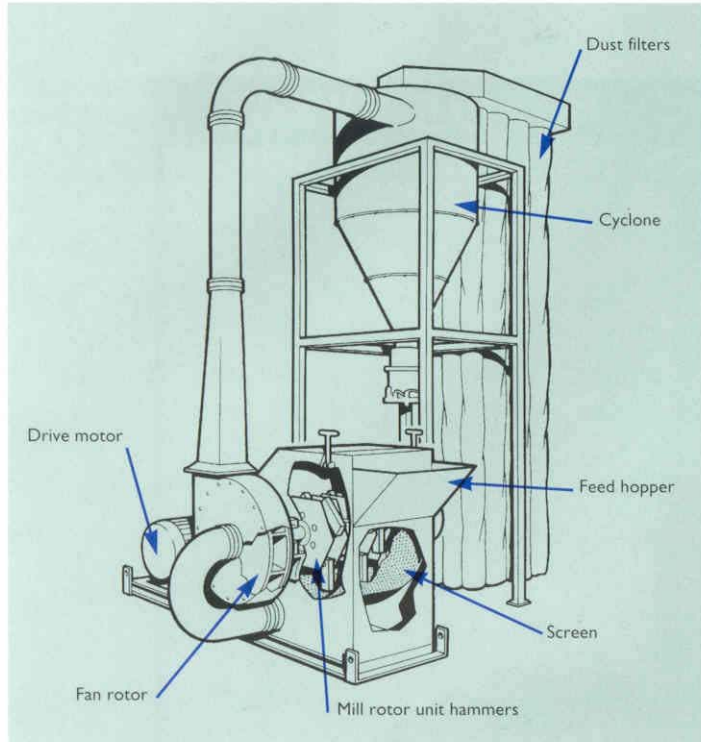
AB Wide range of applications

AB Suitable for non granular materials

AB Simple to operate and maintain

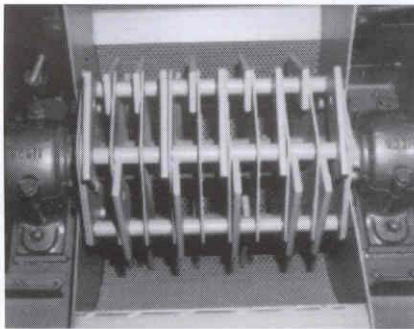
AB Meal collection by cyclone with filter

Multipurpose hammermills designed and built to perform - on a wide range of products.



APPLICATION: Alvan Blanch Industrial 'L' range hammermills can be used for grinding grain into fine flour or into coarse meal for animal feed production. They can also be used for dry straw and fodder grinding. The L30 model is offered with bale track - to take standard straw bales. Industrial applications are numerous.

CONSTRUCTION: The mills are of exceptionally robust construction with a body in 6mm mild steel plate. The heavy duty rotor is fitted with large four way reversible hammers in tempered steel, (each measuring 65 x 12 x 200mm and weighing 1.17kg). The rotor has a large diameter shaft running on 76mm (3") special double roller heavy duty bearings (63mm - 2 1/2" on L10 model). The fan - in separate casing - is mounted on the same shaft. Meal collection cyclone and connecting pipework are all in heavy gauge steel. A filter box with hanging calico stockings traps fine dust from the cyclone exhaust.



OPERATION: Grain is introduced to the mill via the short feed hopper. Material flow must be regulated and even, for which a feed control mechanism is required, - see *optional equipment*.

In the milling chamber, the hammers rotating at high speed pulverize the material into particles small enough to be drawn through the screen by the fan.

Milled material is conveyed pneumatically into the collection cyclone from where it is discharged into a suitable receptacle. Fine dust from the top of the cyclone is trapped by the filters.

OPTIONAL EQUIPMENT:

Magnets: Permanent bar magnets fitted across width of mill intake hopper.

Feeders: Metering devices are required for grain grinding - to ensure that the feed is evenly spread and regulated - rotary, vibratory or screw type are available. Automatic control of the feeder - to match the maximum available load on the motor allows the mill to constantly run at optimum capacity.

Rotary Valve: May be fitted to cyclone outlet to ensure airtight connection - either to optional two way bagging device or to a holding hopper.

Dust collection: A secondary cyclone can be supplied in place of dust filter stockings, for greater convenience.

Bale Grinding: A special version of the L30 model is available for 36cm x 64cm size bales with pre-cutting blades and bale feed track. For large bales, material must be pre-shredded onto the feed track.

Special Versions: For applications such as breaking (not grinding), the mill can be equipped with a specially designed rotor running at reduced speed and arranged for gravity discharge from the milling chamber.

Containerized Grain Milling Systems: Packaged plants incorporating L20 hammermills with automatic feeding system and packaging of flour into weighed bags are available - see separate leaflet.

SPECIFICATIONS							
MODEL	DRIVE RANGE		APPROX OUTPUT KG/HR (1)		SCREEN WIDTH MM	QTY OF HAMMERS (2)	SHIPPING VOLUME (3)
	KW	HP	3MM	1MM			
L10	30 - 45	40 - 60	2,750 - 4,250	900 - 1,400	251	18 - 24	6M ³
L20	55 - 110	75 - 150	5,500 - 11,000	1,800 - 3,700	505	36 - 48	8M ³
L30	132	175	13,000	4,000	759	48 - 72	10M ³

NOTES

- (1) Outputs - are based on dry maize passing through 3mm and 1mm screens and are given for general guidance only. On barley, outputs will be approximately 25% lower.
- (2) Quantity of Hammers - the mill should be equipped with rotor orientation to suit its principle duty. For fine grinding the full complement of hammers should be used.
- (3) Shipping Volume - relates to the mill complete with cyclone and filter box and is approximate only.

In accordance with our policy of continuous development, we reserve the right to change specifications and prices at any time without notice or incurring liability to purchasers. All goods supplied according to our published terms and conditions of sale (copies on application)

AB ALVAN BLANCH
Processing the World's Crops

Chelworth Malmesbury Wiltshire SN16 9SG England

TELEPHONE: 01666 577333

FACSIMILE: Sales/Admin 01666 577339 Production 01666 577263

TELEX: 44304 ALVANB G