ALVAN BLANCH

Processing the World's Crops - Since 1952

Supervac Hammermill

Dependable Milling Solutions



Stainless Steel Supervac Hammermill with optional direct feed chute for non-granular materials



Supervac Hammermill



Supervac 214 series Hammermill fed by augers from the maize & cake bunkers

Alvan Blanch produces a wide range of Hammermills that can be used for industrial or farm applications such as:
- Grinding grain to fine flour or to coarse meal for animal feed production
- Dry straw and fodder grinding.
- Dried seaweed and other plants.

They can also be used for the grinding of many non-granular materials, such as cassava chips, maize cobs, etc. (with optional chute).

Main features:

- Easy to operate and maintain
- Convenient low level feed hopper
- Robust construction
- Electric, diesel or pulley drive
- Suitable for most crops
- Large diameter rotor and screen

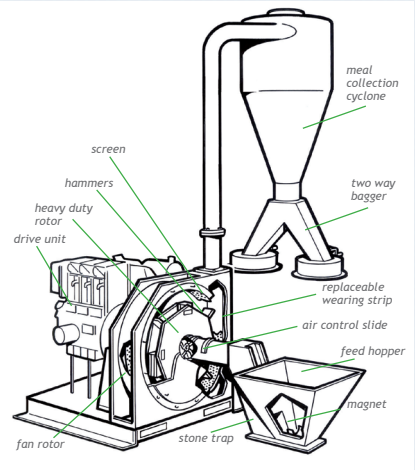
Manufactured in UK

Feeding Systems

ALVAN BLANCH
Processing the World's Crops - Since 1952

Construction:

Supervac mills differ from most of their competitors with an exceptionally robust construction. The main body is of 3mm plate. The cyclone is of 1.6mm thick steel. A wearing plate is bolted into the lower section of the mill body. The mill rotor, which consists of four-way reversible hinged hammers of tempered steel, is built of 6mm and 10mm plate and mounted on a 45mm diameter shaft. A powerful fan rotor is fitted to the same shaft. The full circle screens are available in a wide range of perforations and are easy to change. The suction feed hopper is positioned at ground level - for ease of sack tipping. It incorporates a stone trap as well as a magnet. The new high efficiency cyclone reduces dust at discharge point to a minimum and is equipped with a two-way bagging device with quick release sack clamps as standard.



Operation:

Grain is tipped into the low level suction feed hopper, from where it is drawn by the powerful effect of the fan. The optimum feed rate for the material in question is set by means of the air control slide which, as it is opened, bleeds in air and thus reduces the volume of grain sucked from the feed hopper. In the milling chamber the hammers, rotating at high speed, pulverise the material into particles small enough to be drawn through the screen by the fan rotor. The milled material is conveyed pneumatically into the collection cyclone from where it is discharged into the bagging unit.

Optional Equipment:

Remote Feed: Due to the powerful suction effect of the fans, the feed hopper can be positioned away from the mill.

Direct Feed: For non-granular materials a special direct feed chute is fitted – this incorporates a control slide for flow control when used on grain.

Stainless Steel construction: To process materials like Seaweed and others to avoid corrosion and product contamination.



Supervac Hammermills Specifications

Model	Drive Unit	Outputs (1)			Screen Area	Shipping Spec (2)	
		5mm	3mm	1mm	cm^2	m^3	Kg
212 / FP	Flat belt pulley	Depending on power			1200	1.5	400
212/15E	11kW electric	1500	1100	375	1200	1.7	470
212/10D	Lister TS1 diesel	1000	750	250	1200	1.7	550
212/20E	15kW electric	2000	1500	500	1200	1.7	480
212/15D	Lister TR1 diesel	1125	850	300	1200	1.8	570
214/FP	Flat belt pulley	Depending on power			2000	1.6	130
212/20D	Lister TS2 diesel	2000	1500	500	1200	1.8	580
214/25D	Lister TR2 diesel	2250	1725	600	2000	2.0	620
214/25E	18kW electric	2500	1900	350	2000	1.9	500
214/30D	Lister TS3 diesel	3000	2300	800	2000	2.0	640
214/30E	22kW electric	3000	2300	800	2000	1.9	520

NOTES
1) Outputs are approximate, based on dry maize through screens of the different sizes stated. 2) Shipping – details are nominal only. 3) Dimensions – overall space occupied by 214/30D model is 2000 x 1800 x 2990mm to top of cyclone. Feed hopper is 366mm high. 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)

www.alvanblanchgroup.com

Chelworth • Malmesbury • Wiltshire • SN16 9SG • United Kingdom
T: +44 (0)1666 577333 E: info@alvanblanch.co.uk