

## ROLLER MILLS - RX RANGE



- AB** Choice of 3 Commercial Duty models - 3 to 14 tonne/hour
- AB** Electric or PTO drive, stationary or fully portable versions
- AB** Chilled Iron Rolls - for real precision milling (to flakes if required) + low noise and maximum durability
- AB** Easy adjustment and maintenance with central lubrication
- AB** Totally enclosed for low dust emission, with antivibration mounts

**A new range of Commercial Duty  
Roller Mills**



## ROLLER MILLS RX RANGE

**APPLICATION :** Alvan Blanch RX range of roller mills have been developed specifically to meet the needs of large farm operation and commercial millers. Electric drive machines are for permanent installation, PTO drive versions offer convenient mobility.

**CONSTRUCTION :** Top quality, precision machines and dynamically balanced **chilled iron rolls** are at the heart of all RX mills. Far heavier than conventional cast iron rolls, chilled rolls have a tough shock resistant grey iron core - leading to reduced noise and vibration. They are also exceptionally hard (500-540 Brinell) which means that roll life is many times greater.

The rolls run on double row spherical roller bearings. Protection to rolls is provided by high performance coil springs. A spring release device allows foreign objects to be cleared from the hopper whilst roll settings remain unchanged.

The rigidity of the exceptionally robust frame construction complements the quality of the rolls to ensure optimal milling precision. Anti-vibration mounts minimise vibration transfer to the building floor.

The units are well engineered, based on extensive experience, to ensure optimum operator convenience.

Routine maintenance is minimised thanks to the centralized greasing point and chain oiler. The mills are supplied as standard with double drive to both rolls - allowing peas, beans, maize to be processed. Roll scrapers are fitted with adjustable counter weights.

SPECIFICATIONS						
Model	Drive		Output (kg/hr) Flat - Lightly cracked	Roll Dimensions diameter x width (mm)	PTO Drive Option	Elevator Mill Option
	(kW)	(hp)				
RX510/400	2 x 11	2 x 15	2,500 - 5,000	400 x 510	✓	✓
RX800/400	2 x 22	2 x 30	5,000 - 10,000	400 x 800	X	X
RX800/600	2 x 30	2 x 40	7,000 - 14,000	600 x 800	X	X

(Outputs based on barley at 15% moisture content)

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)

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## up to 12 tonnes/hr

**OPERATION :** Mills are supplied fully assembled and ready to work.

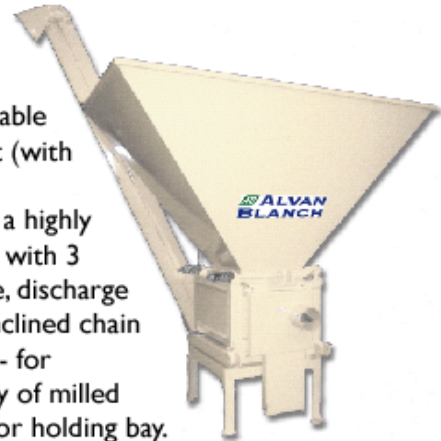
Roll setting is adjusted by a lever with locking device - so that the optimum roll gap position for any crop can quickly be achieved.

Feed rate is adjusted by a simple lever device.

### OPTIONS :

#### Elevator Mill:

The RX510 is available as a stationary unit (with electric motor or PTO drive) - or as a highly portable package - with 3 point linkage frame, discharge feed hopper and inclined chain and flight elevator - for convenient delivery of milled product to trailer or holding bay.



**Magnets :** (All models) - bar type magnets can be fitted in the feed hopper.

**Rubble Screen :** (All models) - mounted above the mill feed hopper - to remove large foreign objects, straw etc. - recommended for maximising capacity and protecting the machine.

**Support Stand :** (All models) - for raised height.

**Powerpack / PLC Control :** (RX800 models only) - an automated system operated by PLC control panel, via hydraulics on roll engagement and feed gate, allows the mill to run through a start up/shut down routine automatically, linked to take away conveyor. A safety system protects the mill against overload/foreign objects.