

COMPLETE RICE MILL

COMPAK M1000



APPLICATION: Offering a complete combination system - with RM1000 rice mill plus RPI000 Air Jet Polisher - all mounted together with support stand, platform and feed/discharge elevators.

OPTIONS: Precleaner screen - to remove large trash from the sample at point of reception.

Grading screen - to remove small broken grains from the white rice.

Destoner - to remove any stones from the sample.

Bagging hopper.

Refer to our separate leaflets on these options.



Compak M1000 - Complete Rice Mill with optional bagging hopper

AB ALVAN BLANCH
Processing the World's Crops

RICE MILLS - COMPACT RANGE



Compak M1000 - 1 tonne/hour mill with polisher and elevators

SPECIFICATIONS									
Model	Drive		Capacity Input - kg/hr	Rubber Roll Size mm	Dimensions mm (without drive)			Shipping	
	kW	(hp)			L	W	H	m ³	Kg
RM 700	7.5	(10)	650 - 750	Ø222 x 100	686	725	1550	1.8	450
RM 1000	15	(20)	900 - 1000	Ø222 x 150	1010	1000	1630	2.5	540
RP 1000	7.5	(10)	1000 - 1200	N/A	1300	450	980	0.75	350
COMPAK M 1000E	15	(20)	900 - 1000	Ø222 x 150	3850	1500	5575	6.0	1800
	+ 7.5	(10)							
	+ 2 x 0.55	(0.75)							

AB Capacities ranging from 700 to 1,000 kg/hour.

AB Complete, multi-stage, automatic mills of modern design.

AB Gentle milling action to minimize breakage.

AB Separate removal of husk and bran.

AB Option of polisher combination for extra whiteness.

AB Convenient and simple adjustments.

AB Robustly constructed with easy maintenance.

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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Part of a complete range of rice milling technology from Alvan Blanch -
from village to industrial scale.

RICE MILL UNIT

RM 1000 / RM 700

AIR JET POLISHER

RP 1000



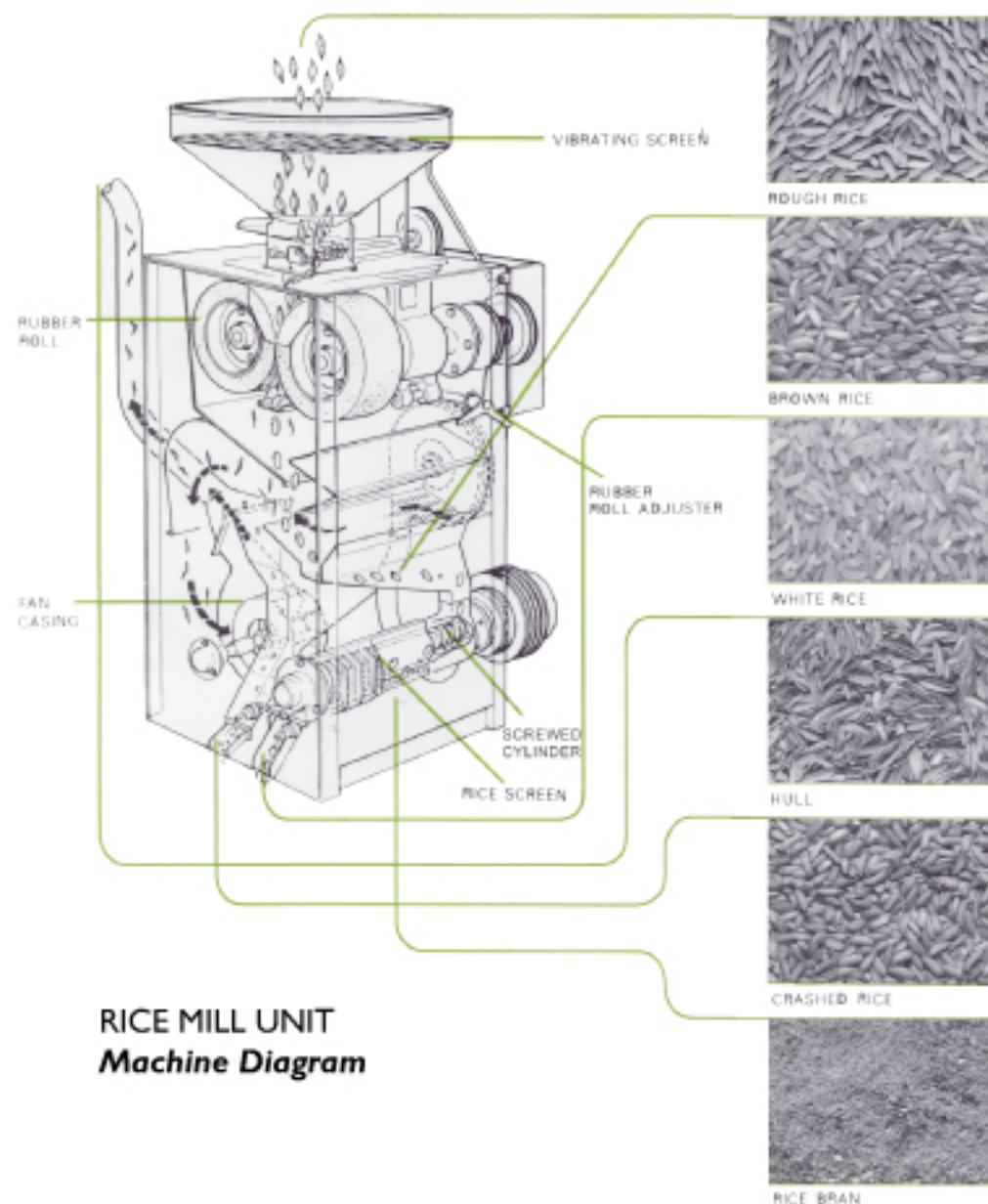
OPERATION: Paddy is fed into the hopper - where the inbuilt vibrating screen prevents large trash from entering the mill. Flow is regulated from the hopper into the rubber roll sheller - where the gap between the rolls is conveniently adjusted via an external wheel handle to achieve the optimum balance between hulling percentage and minimization of breakage.

A vigorous, finely adjustable, aspiration chamber draws husk away from the hulled brown rice. Small/immature grains are also separated. The brown rice drops into the cylindrical pearler rotating inside a screen with pressurized air flow to remove bran. The degree of whitening is regulated by the adjustable outlet flap. The white rice is finally exposed to an air jet on exiting the machine - to remove any loose dust.

OPTIONS: Standard options include 600 mm support stand to allow convenient collection of rice (this can also be achieved using concrete plinth). Feed elevator. Diesel engine drive (in place of electric motor).

APPLICATION: These complete rice milling units perform the full process of husk and bran removal - delivering good quality white rice with low levels of breakage. They represent an ideal investment for small rural enterprises or village groups seeking higher quality rice production than can be achieved using traditional hullers.

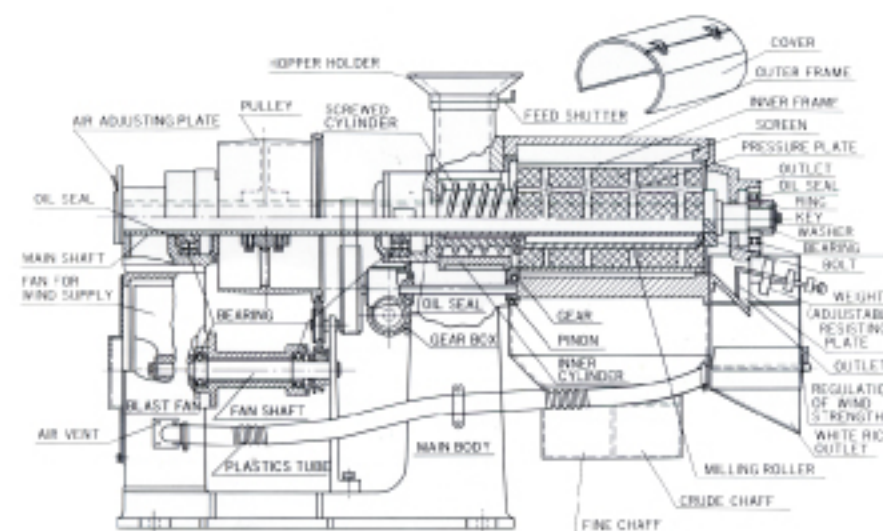
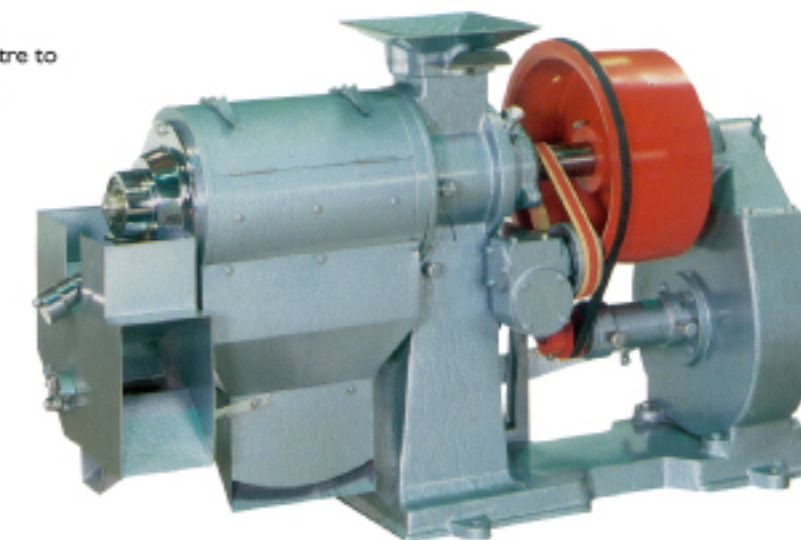
CONSTRUCTION: Robustly built - the mills give dependable service over many years. Specialist wearing parts are restricted principally to rubber rolls and screens for pearler section. These parts are manufactured of the highest quality materials to prolong life and yet are affordably priced.



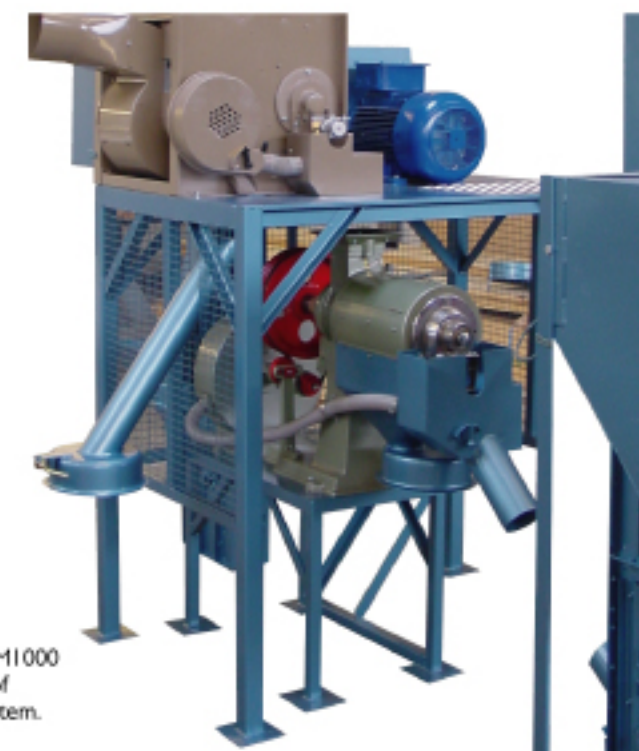
RICE MILL UNIT
Machine Diagram

APPLICATION: To add extra whiteness and lustre to milled rice and also to remove husk/bran from any incompletely milled grains.

CONSTRUCTION: Air injection type with screwed cylinder rotating inside multi segmented (6 part) screen with 6 pressure plates. Main shaft supported by triple bearings. Powerful fan unit.



OPERATION: The rice is subjected to a thorough but gentle milling action thanks to the special design in which the constant air injection into the polishing chamber keeps rice cool. The design of the chamber means that excess pressure points are avoided. Polishing degree is adjusted via the outlet control flap.



RP 1000 -
Installed below RM1000
Rice Mill as part of
Compak 1000 system.