

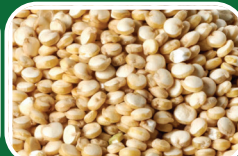
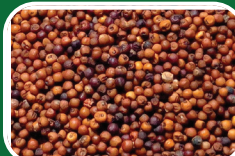
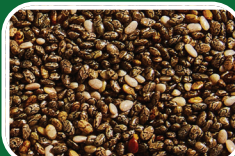
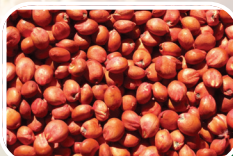


**AGI MILLTEC**

PREFERRED  
GLOBAL COMPANY FOR  
ALL GRAIN PROCESSING SOLUTIONS

## *Grains & Seeds Series*

*\* A Premium Technology Platform*







AGI MILLTEC Machinery Limited is an ISO 9001-2015 & 14001-2015 & 45001 - 2018 certified organization, established in 1998 at Bangalore-India, producing a comprehensive range of machines, integrated systems and totally engineered solutions for the processing of rice, wheat, pulses, coarse spices, millets and other grains addressing the entire value chain.

AGI MILLTEC has established sales and service offices at strategic geographic locations to address the requirements efficiently with a network of marketing engineers, service outlets, technicians and channel partners with a guarantee to address the need in a timely manner. Our Aftersales network stays connected and accessible to the customers 24/7. This has resulted in existing customers of AGI MILLTEC to not only repeat orders but also highly influences our offering to new clients.

The state-of-the-art manufacturing facilities in Bangalore, India lend accuracy & sustained performance of the equipment manufactured. Active R&D as well as application engineering ensures that we have solutions for customers' expectations.

In its existence over the last two decades, AGI MILLTEC has grown along with its customers in experience as well as geographies and applications to be a true solution provider for the entire grain value chain.



## PRE CLEANER

Pre Cleaner is designed to cater to the precleaning requirement for all types of grain processing industry. These equipment are intended to remove foreign particles such as stones, immature grains, and other impurities from the input prior to the processing of the grains.

### Technical Specifications

Description	RPCZ-3	RPCA-3	RPCB-3	RPCC-3
Capacity on Wheat - (TPH)	4-5	8-10	16-20	20-25
Sieve Dimensions L x W (mm)	2000 x 500	2000 x 1000	2000 x 1000	2000 x 1500
Sieve Area (Sq.m.)	2	4	8	12
No. of Decks	1	1	2	2
Sieve Deck Motor (HP)	1	2	2	2
Scalparator Gear Motor (HP)	-	-	0.75	0.75
Fan Motor (HP)	3	5	7.5	10
Fan Capacity (CMH /mmWC)	3500/100	5000/100	8000/100	10500/100
Recommended Cyclone (mm)	950	1300	1500	1750
Overall Dimensions L x W x H (mm)	2677 x 1295 x 2454	2840 x 1800 x 2850	2982 x 1793 x 3352	2982 x 2293 x 3454
Approx Weight (Kgs.)	950	1300	2000	2400

NOTE : Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein

### Advantages

- Fully covered construction / prevent dust.
- Rugged design, low maintenance.
- Fitted with scalparator to remove sticks & straws.
- Capacity from 3 TPH to 25 TPH.



## FINE CLEANER

AGI MILLTEC Fine Cleaner is designed to cater to the finecleaning requirements for all types of grain processing industry. (Rice, Wheat, Maize, Soya, Pulses, Seeds, Etc). AGI MILLTEC Fine Cleaner is of full bolted metal construction, rugged design, long lasting with inbuilt blower catering to the capacities from 2TPH to 6TPH.

### Technical Specifications

Description	RFCA-1	RFCB-1
Capacity On Wheat (TPH)	2~3	4~6
Sieve Dimensions L x W (MM)	2400 x 1000	2400 x 1000
Sieve Area (Sq.m.)	5.6	9.6
No. of Decks	1	2
Sieve Deck Motor (HP)	2	2
Feed Rollor Motor (HP)	-	0.75
Fan Motors (HP)	5	7.5
Fan Capacity (CMH/mmWC)	5000/100	8000/100
Recommended Cyclone (mm)	1100	1300
Over All Dimensiones LxWxH (MM)	3200 x 1758 x 7800	3117 x 1756 x 3500
Approx Weight (Kgs)	1600	2000

NOTE : Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein

### Advantages

- Completely closed and dust proof construction.
- Fully bolted construction.
- Full metal construction of sieve boat & sieves
- Double sieve boats construction.
- Rugged design, long lasting and low maintenance.
- Inbuilt blower for aspiration system.



## CLASSIFIER

AGI MILLTEC Cleaning machine can efficiently separate Oversized and Undersized impurities from food grains. The machine can also be used for grading different sizes of a product. The inbuilt Self-Clean system ensures optimum efficiency during the production cycle.

### Advantages

- Precise screens ensure high separating efficiency.
- Capacities ranging from 3TPH – 15 TPH.
- Dust free operation.
- Robust construction with low maintenance.
- Angle controller to adjust angle of throw.

## Technical Specifications

Description	RCLZ-2	RCLA-1	RCLB-1	RCLC-1	RCLD-1
Capacity Wheat (TPH)	5~6	8~10	13~15	8~10	2~3
Sieve Dimensions L x W (mm)	1000 x 750	2000 x 1000	2000 x 1500	2000 x 1000	2000 x 1000
Sieve Area (Sq.m.)	3	4	6	6	4
No. of sieve layers	2	2	2	3	2
Deck Vibro Motor (HP)	1	0.5Hp x 2Nos	1.0Hp x 2Nos	0.5Hp x 2Nos	0.5Hp x 2Nos
Aspiration Motor (HP)	2	7.5	12.5	7.5	-
Aspiration Capacity (CMH/mmWC)	2000/100	5000/220	8000/220	5000/220	-
Recommended Cyclone (mm)	800	950	1100	950	-
Overall Dimensions LxWxH (mm)	2363 x 1492 x 2160	2659 x 1482 x 1674	2659 x 1998 x 1729	2632 x 1502 x 1662	2752 x 1482 x 1643
Approx Weight (kgs)	850	650	1300	750	740



Note :Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein

## DE STONER

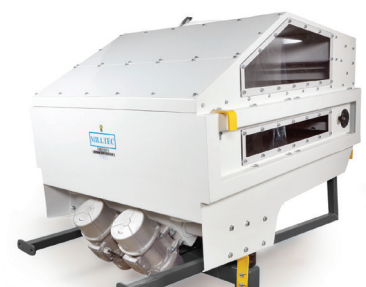
AGI MILLTEC Destoner removes stones, heavy particles from in-feed product. This machine performs on the basis of density difference controlled by fluidization method.

### Advantages

- Rugged design.
- Mesh made up of spring steel
- Suitable for all types of grains.
- Easy maintenance.
- Capacities ranging from 3TPH - 10TPH.

## Technical Specifications

Description	RDSZ - 1	RDSA - 1	RDSB - 1
Capacity on Wheat (TPH)	4 ~ 5	6 ~ 8	12 ~ 14
Sieve Dimensions LxW(mm)	1140 x 800	1140 x 1280	1140 x 1880
Sieve Area (Sq.m.)	1.8	2.9	4.2
No. of Sieve Layers	2	2	2
Sieve Deck Vibro Motor (HP)	0.5HP x 1No	0.5HPx2Nos	1HPx2Nos
Aspiration Motor (HP)	10	15	15
Aspiration Capacity (CMH/mmWC)	7000/200	12500/220	12500/220
Recommended Cyclone (mm)	1100	1300	1300
Overall Dimensions LxWxH (mm)	1610x1083x1868	1622x1511x1803	1564x2176x2297
Approx Weight (kgs)	400	550	1070



NOTE : Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein



## GRAVITY TABLE

AGI MILLTEC Gravity Separation tables are used for the removal of impurities, admixture, insect damage and immature kernels from grains and seeds. Extensively used for paddy, wheat, barley, oilseeds, rape seeds, peas, beans, cocoa beans and linseed. They can also be used to separate and standardize coffee beans, corn, peanut, sesame etc.

### Advantages

- Separation with respect to specific gravity.
- Making 3 or 4 separation of the product namely heavy-1, heavy-2, medium & light.
- Easily adjustable air fluidization.
- Easily adjustable deck which can tilt in three angles.
- Features that makes "recipe for products", operator friendly.

## Technical Specifications

DESCRIPTION	RGTZ - 2	RGTB - 2
Capacity on Wheat (TPH)-Through-put	2 ~ 3	4 ~ 5
Deck Dimensions L x W (mm)	2200 x 1050	2960 x 1200
Sieve Area (Sq.m.)	2.3	3.55
Deck Mesh Type	10 / 16 / 30	10 / 16 / 30
Deck Gear Motor (HP)	1.5	2
Blower Motor (HP)	10	12.5
Over All Dimensions (LxWxH)(mm)	2256 x 1455 x 1680	3356 x 1588 x 1680
Approx Weight (Kgs.)	900	1160

NOTE : Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein



## PERLER/POLISHER

AGI MILLTEC Pearler are used to remove the husk from the pulses. These can be used for a variety of pulses. The specially designed grinding wheels ensures the long durability. The adjustable type sieve frame ensures the optimum efficiency during the life cycle. AGI MILLTEC Polisher are used to give glazy finish to the product. Premium quality leather belts ensure the best polish to the product. The weight controllable type outlet box ensures the optimum polish during the life cycle.

### Advantages

- Gap adjustable type Sieve frames ensure efficient operations across products.
- Adjustable machine inclination for machine capacity adjustment.
- Extremely durable grinding wheels.
- Low maintenance cost due to cartridge construction.
- Enclosed machine ensures dust free operation.

## Technical Specifications

DESCRIPTION	PPEA-1		PPOA-1
Capacity on Pegin Peas (TPH)	2	4	2
Cylinder Surface area (Sq.m.)	0.85		0.95
Machine Inclination	3 ~ 10 Degree		3 ~ 10 Degree
Drive Motor (HP)	12.5	15	30
Aspiration Motor (HP)	5		5
Aspiration Capacity (CMH / mmWC)	2200/300		2200/300
Over All Dimensions LxWxH (mm)	1950 x 680 x 1335		2145 x 680 x 1345
Approx Weight (Kgs.)	570		545

NOTE : Capacity mentioned is indicative and shall vary based on commodity and impurity levels therein



## SPLITTER MACHINE

The Pulse splitter machine assures the best possible performance combined with a user-friendly operation and installation. The concept of this machine is designed with our many years of experience in grain processing field. This unique designs are versatile concept for all variety of pulses.

### Advantages

- Having a VFD drive to control rotor speed.
- Recovery of head pulses 60-80% for different pulses.
- Suitable for processing of all types of pulses.
- easy to operate.

### Technical Specifications

Machine Type	DSPA-1
Capacity	2TPH
Motor Power	0.75 KW , 1440RPM
Voltage (V) Frequency (Hz)	415V/ 50Hz
Weight (kg)	130
Overall Size(LxWxH)	908 x 520 x 1268
Foundation Bolt	M16x100-4Nos



## UNIVERSAL PULSE DRYER(UPD)

AGI UPD is designed to provide the best -in-the-class drying solution after thorough research of Milling Condition. This fit-and-run equipment, with a compact design and very less power requirement, provides most economical drying while ensuring uniform and controlled drying for pulses

### Advantages

- Digital Temperature Control & Electronic Control Panel.
- Low Power Consumption , Energy Efficient System.
- Design ensure uniform and efficient drying.
- Low Noise Operation.
- Suitable for handling all type of pulses application.

### Technical Specifications

Description	GRDA-1 / GRDD-1	GRDB-1 / GRDE-1	GRDC-1 / GRDF-1	GRDG-1
Capacity (tonnes) max	10	12	15	20
Drying Rate (% per Hour)	0.5 - 1%	0.5 - 1%	0.5 - 1%	0.5 - 1%
Grain Flow direction	Vertical	Vertical	Vertical	Vertical
Burner	GUN TYPE			
Ignition	High Pressure Automatic Ignition			
Firing Fuel	Gas/Diesel	Gas/Diesel	Gas/Diesel	Gas/Diesel
Fuel Consumption (Ltr/Hr)	8-10 / 12-14	8-10 / 12-14	8-10 / 12-14	8-10 / 12-14
Moisture Measurement	Manul			
Power Requirement	8.5 HP	8.5 HP	8.5 HP	16.5 HP
Space Required (L x B x H) m	3.8 x 2.6 x 9.2	3.8 x 2.6 x 9.95	3.8 x 2.6 x 10.75	4.6 x 3.5 x 13
Net. Weight (Tonnes) Approx.	2.35	2.5	2.65	2.9
	2.5	2.65	2.9	3.15



NOTE: Capacity mentioned is indicative and shall vary based on commodity, Drying rate dependent on ambient temperature & humidity.

Alternate Fuel Firing options available.



## GRAIN DISCHARGER

AGI MILLTEC Bucket Grain Discharger operate at maintained surface speed to achieve higher efficiency & negligible rejection. The drive roller are rubber vulcanized to avoid the slippage of belt during running. These elevators are fitted with Food grade shovel buckets. Belts are made-up of food grade Synthetic material with heat & oil resistance surface. Elevators works on both scooping & lifting method based on layout requirement.



### Technical Specifications

GFBW Series								
Model	AGDZ	AGDY	AGDX	AGDB	AGDC	AGDD	AGDE	AGDF
CAPACITY on Paddy TPH	5	8	12	5	8	12	20	25
CAPACITY on Rice TPH	6	10	16	6	10	16	25	32
GEAR MOTOR POWER: HP	1	1.5	2	1	1.5	2	3	4
Belt Width in mm	125	150	200	125	150	200	250	300
Drum Dia in mm	300	360	500	300	360	500	550	600

## GRAIN FILLING

AGI MILLTEC grain filling equipment to pack grains into bags with capacities ranging from 5 kg to 75 kg. Our Packing Machines are equipped with several features such as weighing bins, discharge bins, and a control system to facilitate the smooth packing of grains. The grain filling machines are available in 2 models with single and double dosing options.

### Technical Specifications

Machine Type	RGFA-10			RGFB-10		
	Weight in 'Kg'	Bags/ min	Accuracy	Weight in 'Kg'	Bags/ min	Accuracy
Capacity (ton/hr) on Rice/Wheat	5	11 to 12	±10 gm	5	18 to 20	±10 gm
	10	10 to 11	±10 gm	10	16 to 17	±10 gm
	25	9 to 10	±15 gm	25	14 to 15	±15 gm
	50	6 to 7	±20 gm	50	11 to 12	±20 gm
	-	-	-	75	8 to 9	±20 gm
Voltage (V) Frequency (Hz)	415V/50Hz			415V/50Hz		
Air pressure required	5 to 6 Bar			5 to 6 Bar		
Air consumption in M <sup>3</sup> /HR.	2.4			4.2		
Weight (kg)	200			350		
Overall Size in mm	1110 x 815 x 1760			1910 x 900 1850		

### Advantages

- PLC & pneumatic based control system.
- Color touch pad screen for display or entry.
- SS material for weighing bin discharge & material feeder.
- Semi Automatic.



### Accessories



Magnet

Cyclone / Recovery Unit

Bran Discharger with Geared Motor



**MILLTEC is an AGI Brand**

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, South Africa and Italy and distributes its product globally.

# AGI MILLTEC

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