

ISO
9001:2008
REGISTERED



SGS



BUREAU
VERITAS

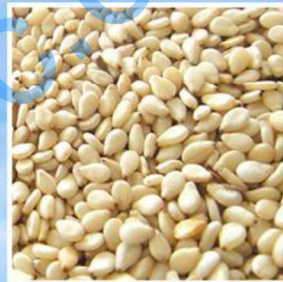


www.synmec.com

SYNMEC

5XZS-10DS SEED CLEANING & PROCESSING MACHINE

Super cleaning machine for remove small & big impurity, light impurity and low density seed (bad seed).



SYNMEC

The world top Manufacturer Adviser for Grain Cleaning Seed Processing Solutions

5XZS-10DS SEED CLEANING & PROCESSING MACHINE



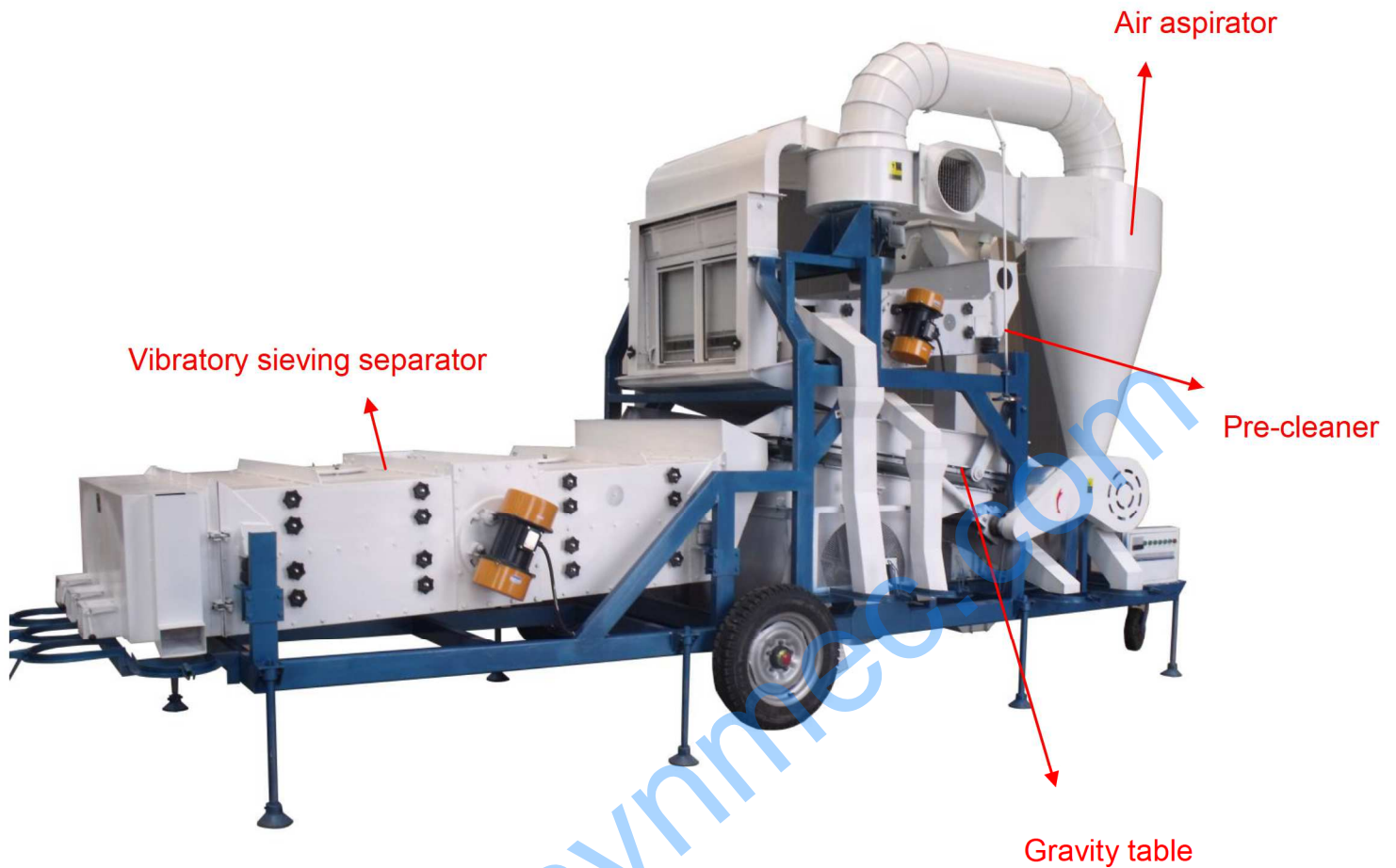
Technical Data:

Model:	5XZS-10DS
Function:	Air cleaning, pre-cleaning, gravity separation, vibration sieves cleaning & grading.
Size:	6470X2200X3600mm
Capacity:	10 ton/hour for seeds (count on wheat)
Cleaning rate:	>97%
Sieve cleaning type:	Rubber ball vibration
Noise:	<85dB
Electricity input:	3 phase
Power:	Total: 15.75Kw Bucket elevator: 0.75Kw Pre-cleaner vibration motor: 0.25Kw X 2 sets Top air blower: 5.5Kw Gravity table : 7.5Kw Main sieving trunk vibration motor: 0.75Kw X 2 sets

Feature:

5XZS-10DS Seed Cleaning & Processing Machine is designed with wheat hulling, air cleaning, pre-cleaning, gravity separating, vibration sieve cleaning and grading. This model consists of so many functions on one mobile type seed cleaner make it ideal for wider application.

Structure:



Multi functions combined in one machine

1. Pre-cleaner
2. Air aspirator
3. Gravity table
4. Sieving trunk

Working flow:

The intake hopper enables wheat filling into the wheat huller for hulling the wheat. Then wheat fed from bucket elevator hopper is transported to pre-cleaner. After quick remove the undersize and oversize impurities, then seeds drop to air cleaning chamber for remove light impurity and dust. The big air cleaning chamber will bring the best air cleaning efficiency. Then the air cleaned material enters to the gravity separator for remove the bad seeds (partially eaten, immature, insect damaged, sick seeds, etc). After been processed by gravity separator, seed will comes to the two in one vibratory sieving trunk to remove the large and small impurity. The customer also can select four sieve layers sieving trunk which not only remove the large and small impurity, but also grading the seed to three levels by size (large, medium and small).

Air aspirator cleaning system

The whole air dust cleaning system includes air screen, air pipe, cyclone separator and air blower.

The dust and light impurity are sucked from pre-cleaner outlet and released from light impurity outlet.



5XZS-10DS Seed Cleaning & Processing Machine Performance



Raw material



Finished material



Big impurity removed by pre-cleaner.
As long straw.

Small impurity removed by pre-cleaner.
As smashed ones.

Impurity separated by gravity table.
As immature, moldy, eaten ones

Cyclone collects light impurity
As dust, stalk, husk.

Grain fall on first sieve layer of pre-cleaner



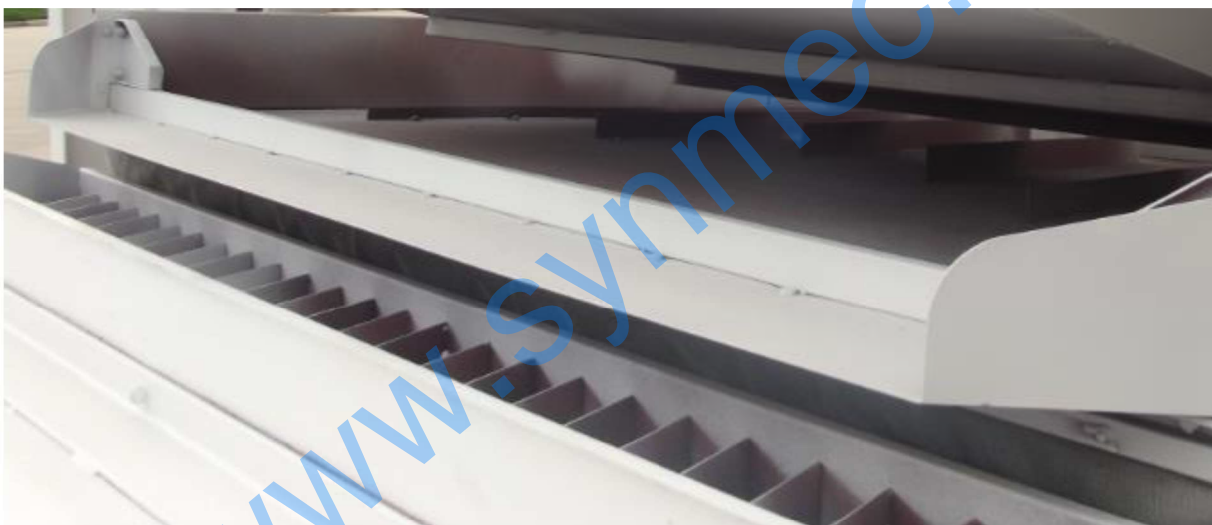
We will recommend suitable sieves for your raw material.

Normally sieve holes are from big to small placed from top layer to bottom layer.

There are rubber balls under sieves. While sieves trunk vibration, the rubber balls jump and avoid sieve holes blocking.



Grain fall from gravity table go to vibration sieving trunk. The sieving trunk receiving hopper has single plates as fences. Which guarantees the grain will be scattered evenly on sieve surface.



Bottom strong air blower offers enough air volume for gravity separator. It is driven by 7.5Kw motor.



Inside the protect screen and protect plate, It is factory produced high quality air blower.

We have 5XZS-10CDS model Seed Cleaning & Processing machine. It ADDS wheat huller. (Other structure designs are same)



5XZS-10DS Model



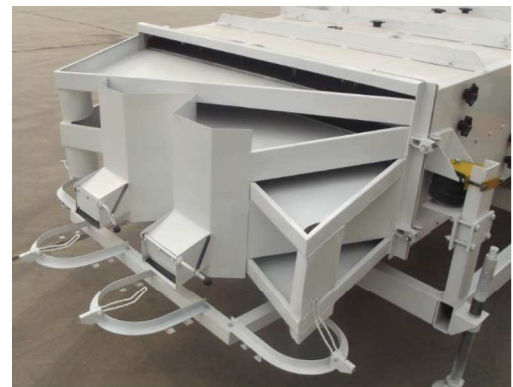
5XZS-10CDS Model

Two types sieve grading trunk design (Sieve grading trunk has 4 sieve layers)



If client need grading seed, that can select four sieve layers sieving.

Sieves will remove big impurity, small impurity and grading seeds to three different levels by size.



If client do not need grading raw material, the sieve trunk will be designed as 2 in 1 trunk which has two isolated trunk. Each trunk with 2 sieve layers and used to remove big impurity and small impurity. These two trunks sieves are same. This enhances the cleaning capacity and accuracy.

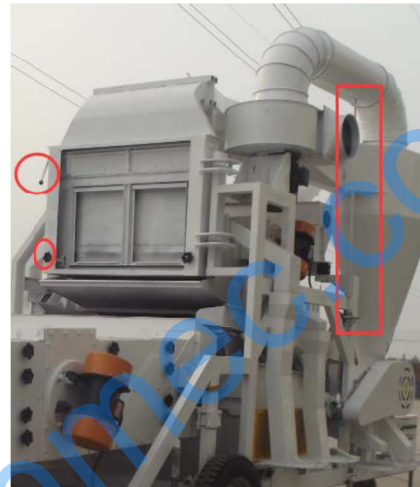
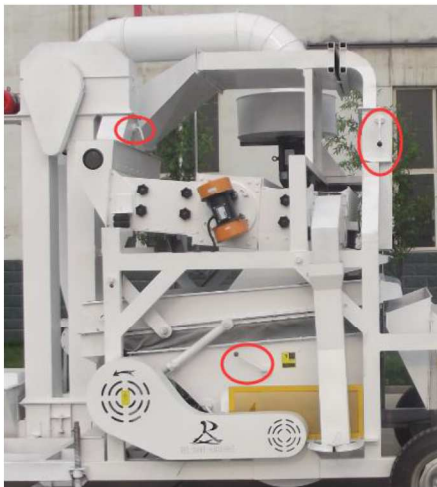


Power control box



Please check the machine rotation before operation.
Make sure motor rotation direction is same as marked arrow.

Handles and switches are easy for adjusting. We offer user manual and operation video.



Seed Cleaning & Processing Machine photos



We are the best choice for you!

Factory view



We have professional manufacturing equipment!

Drilling and milling machine	CNC lathe	Laser cutting machine
		
Plasma cutting machine	Bending machine	Shearing machine
		

We can provide over sea machine assembly and staff training services!



We have strong production capacity!



One time produce 6 sets 5XZD-15AC



One time produce 33 sets QSX-85 Destoner



One time produce 40 sets 5XZ-6 Gravity Separator



One time produce 30 sets 5BY-5B Seed Coating Machine

Healthy Grain, Pretty Beans, Strong Seed. SYNMEC

We serve for



Shijiazhuang SYNMEC International Trading LTD. and Hebei RUIXUE Grain Selecting Machinery Limited have all the copyright of the information and pictures provided in this leaflet. We have all the rights to do necessary adjustments on the product, and these changes may not reflect on the leaflet at the moment of production.

Address:
Head office: 15th Guangan Street,
Shijiazhuang City, Hebei Province,
China 050011
Manufactory: Huaihe Industry Park,
Hongqida Street, Shijiazhuang City,
Hebei Province, China 050000

Tel: +86 311 676663887
+86 311 89901997
Fax: +86 311 67663887
Mobile: +86 13273161281 (Tony)
Whatsapp: +86 13803340060
Imo: +86 13803340060
Wechat: 13803340060
Email: tony@synmec.com