

Rice grain sorting machine based on color model ABT-CS7



ABT-CS7 Color Sorter

The ABT-CS7 color sorter is a fully automatic and innovative device for separating rice grains based on color. With a nominal grain inlet capacity of 8.11-11 tons per hour, this device is capable of separating rice grains with high accuracy and efficiency.

Features

- **Capacity:** The ABT-CS7 has a nominal grain inlet capacity of 8.11-11 tons per hour, enabling it to separate rice grains at a high rate. This capacity is suitable for rice mills with medium to high production capacities.
- **Number of channels:** The ABT-CS7 has 64 or 448 channels. Each channel can separate rice grains of a specific color. More channels increase the accuracy of separation.
- **Number of conveyors:** The ABT-CS7 has 7 conveyors. Each conveyor can direct rice grains to a specific channel. More conveyors allow for more precise separation of rice grains.
- **Number of valves:** The ABT-CS7 has 448 valves. Each valve can direct rice grains to a specific conveyor. More valves allow for faster separation of rice grains.
- **Light source:** The ABT-CS7 uses an LED light source. LED light sources produce high-quality, stable light that is essential for accurate color detection of rice grains.
- **Motor power:** The ABT-CS7 has a motor power of 1.8-4.5 kW. This power is sufficient for the device to operate at its nominal capacity.
- **Air pressure:** The ABT-CS7 requires an air pressure of more than 0.6 Mpa. This air pressure is essential for the proper functioning of the device.
- **Electrical consumption:** The ABT-CS7 operates on 220V/50Hz electricity. The electrical consumption of this device is relatively low.
- **Dimensions and weight:** The ABT-CS7 has dimensions of 2942x1562x1897 mm and a weight of 900 kg. These dimensions and weight are suitable for the transportation and installation of the device.

Benefits

- **High accuracy:** The ABT-CS7 can separate rice grains of different colors from each other with 99.99% accuracy. This high accuracy helps to improve the quality of the produced rice and reduce waste.
- **High efficiency:** The ABT-CS7 can separate rice grains at a high rate of 8.11-11 tons per hour. This high efficiency helps to increase the productivity of rice mills.
- **Adjustability:** The ABT-CS7 has adjustable parameters that can be customized to meet the needs of rice mills. This adjustability increases the flexibility of the device.

Conclusion

The ABT-CS7 color sorter is a modern and advanced device for separating rice grains based on color. This device has multiple benefits that help to improve the quality, efficiency, and productivity of rice mills.

For more information about this product, please scan the QR code below.

