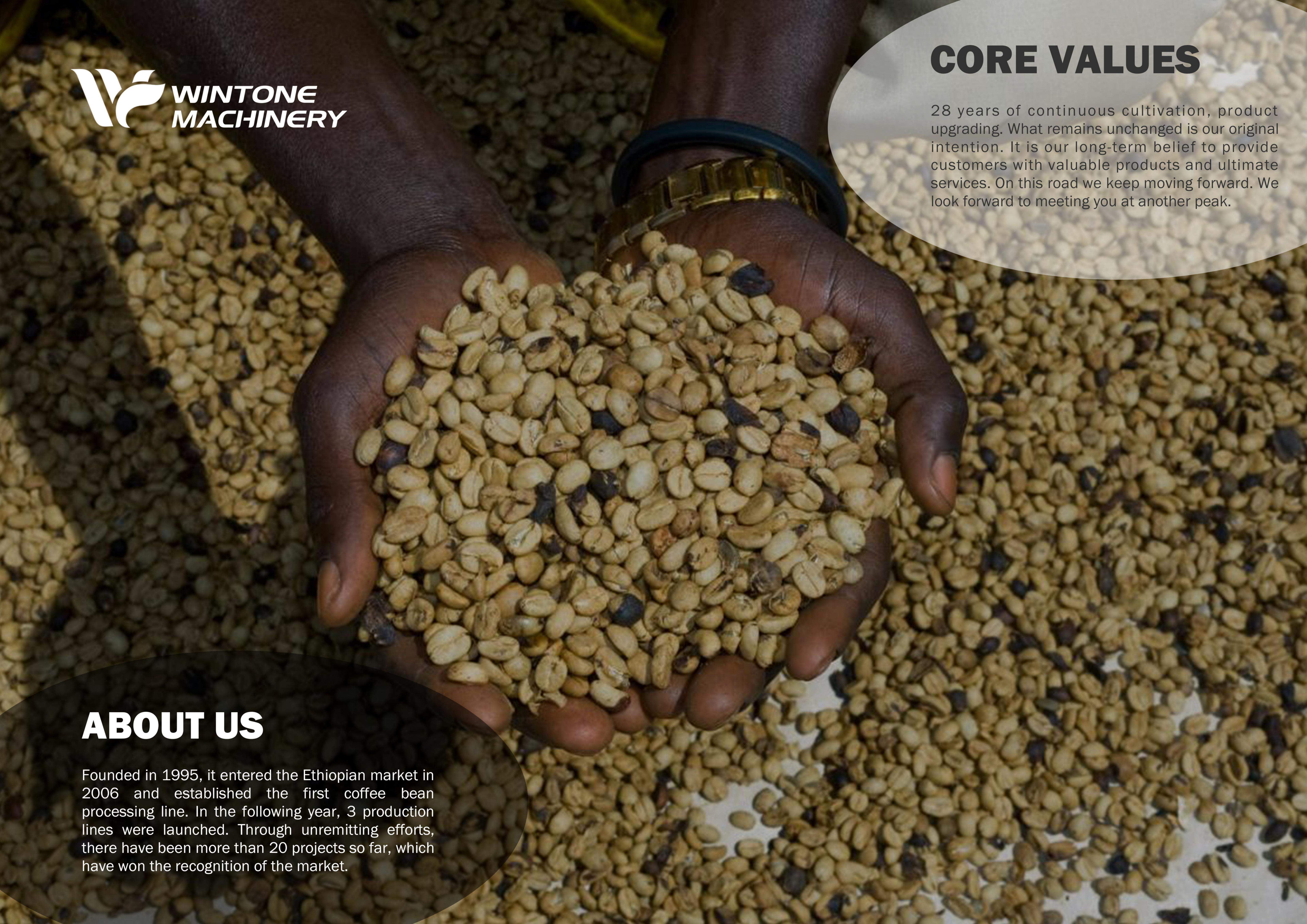


COFFEE BEANS PROCESSING







INTAKE



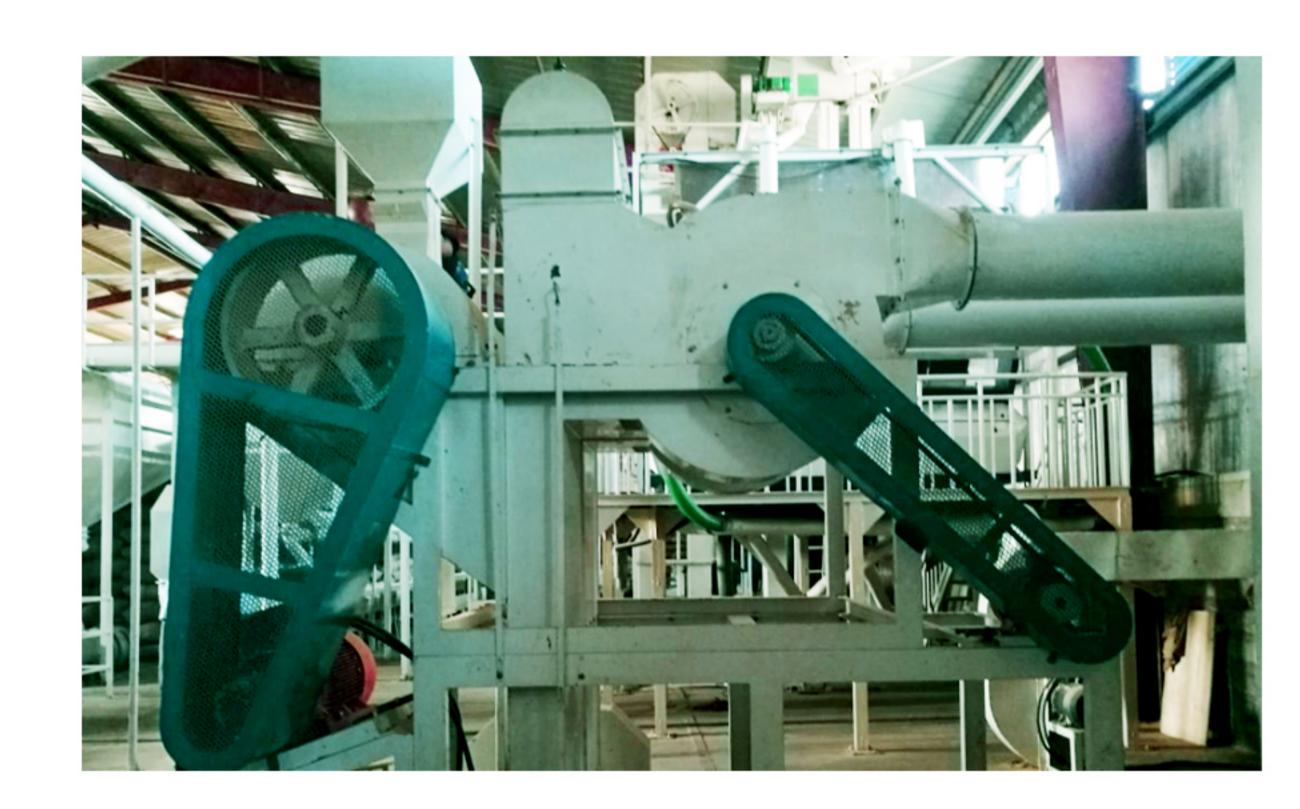
Intake hopper with supporting and steel grating. Dimensions will vary according to customer requirements and the size of the site. At the same time, we have installed a dust removal and suction hood above the hopper, so that the light impurities in the coffee beans will be eliminated at the first time and then collected into the dust collection room. Make the production environment of the workshop clean and free of dust.

CLEANING AND DESTONING



For removal of chaff, straw and other course matter complete with appropriate number and quality of screens .the destoner is to separate granular materials in dry condition e.g. stones according to specific weight in to two fractions complete liners and automatic clean out deck.

HULLING



Huller are specially designed for treatment of dry parchment coffee. To remove the parchment skin(a relatively thick and firm husk). It is a gentle processing ,avoid breakage of coffee beans to the greatest extend. The dust removal system is installed on the hulling machine to ensure that the dust does not overflow. Direct discharge to dust room.

POLISHING

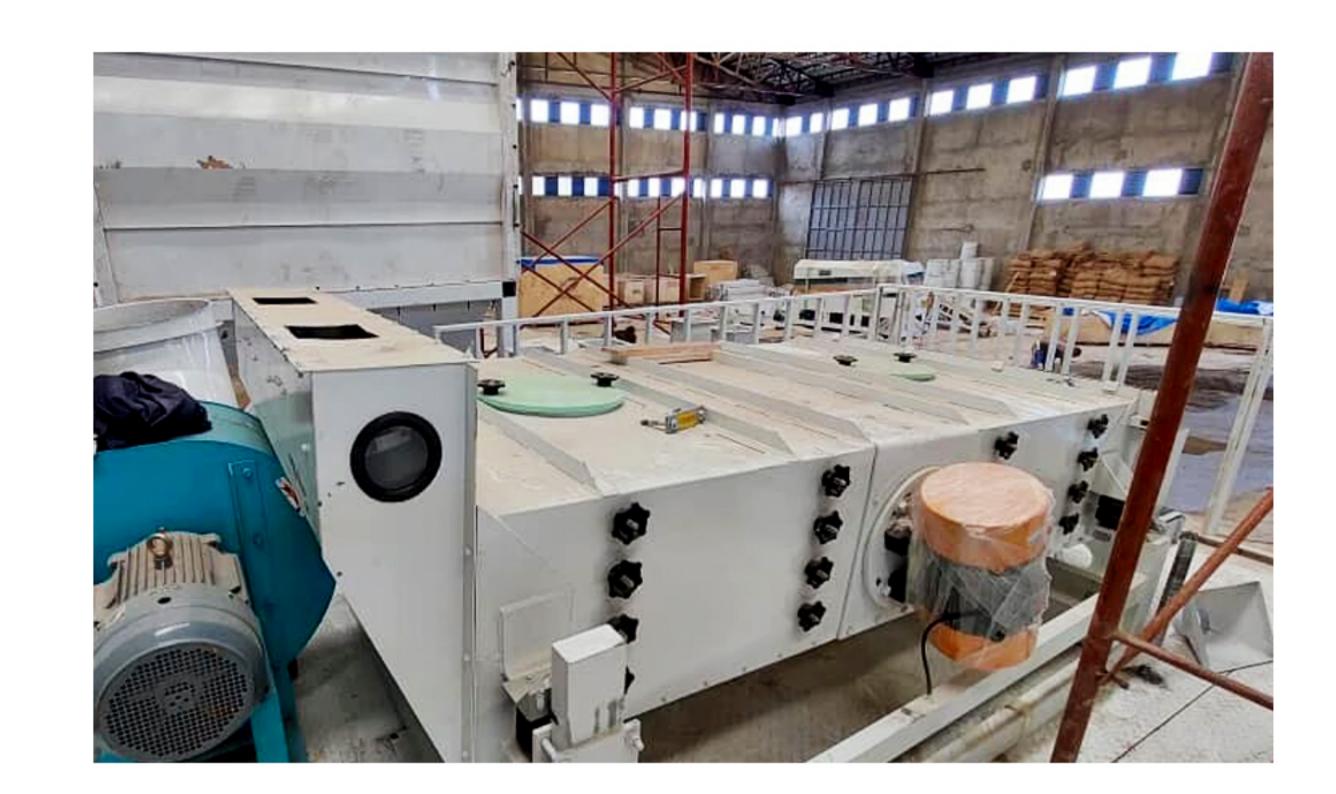


The polisher removes the silver skin of the hulled coffee, to increase the optical appearance of the grain and facilitate the optical sorting and roasting process.

With a cylinder and knives in bronze cast and brass screens. Wintone's polisher is known for smooth polishing and low heat generation.



SIZE GRADING



Our grader generally have 4 layers, and can generally divide coffee beans into 5 sizes. Customers process coffee beans of different sizes separately according to market demand. The grader has sufficient vibration and a wide screen surface to ensure that the coffee beans are fully screened. And the power consumption is very small.

DENSITY SORTING



Gravity separator is for separation of granular product having different specific weights by penumatic operation, they can be used effectively to remove partially eaten, immature and broken seeds to ensure maximum quality of the final product. Before leaving the factory, according to the specific gravity of coffee beans, we will adjust the inclination angle of the specific gravity selection table in place, and also install a frequency converter, so that customers can adjust the vibration frequency according to the test machine situation.

OPTICAL SORTING



The pretreated coffee beans are irradiated by the high-definition camera inside the color sorter, and the beans of different colors will be separated by the gas generated by the high-speed spray valve. stored in separate silo. The accepted coffe bean goes directly to the next step for packaging. The color sorter can completely replace the hand-selected belt. It enables customers to save labor costs, and the product quality can be comparable to it.

STORAGE AND PACKING



According to the needs of customers, Wintone provides silos of different widths and heights. Our silos are all prefabricated. Customers are required to assemble on site locally.

The packaging scale is generally placed under the silo. Customers can choose an opportunity to pack after the silo is full. The sewing machine is installed on one side of the packing scale. And the conveyor belt follows closely behind.



OTHER AUXILIARY WE CAN SUPPLY



DIESEL GENERATOR

Unstable power supply leads to discontinuous production and seriously affects business development. At this time, diesel generator sets are a good choice. It can provide you with power anytime and anywhere. We can provide y o u with various models (Perkins, Cummins, Weichai etc.) and brands of diesel generator sets. Can be used at any altitude. Long life and locally replaceable parts.



TRUCK SCALE

Truck scales are standard equipment for almost every processing plant. When materials are transported and containers are shipped, truck scales can efficiently solve weighing problems. We can provide you with truck scales in different size, standard equipped with printing system, technical system. Make your plant more efficient.



BULK LOADING MACHINE

Manual loading of bulk materials into containers generally takes a long time and labor costs. At present, the bulk loading machine is widely used. This equipment can realize long-distance transportation, one step in place, and can be moved at any time. Achieve multi-point work.

Project Case













OTHERS WE CAN SUPPLY

COMPLETE SETS OF PROJECT

Grain Drying And Storage Solution

Early Grain Clearing Drying System Grain Storage Silo

Beans Processing Solution

Beans Sorting Beans Peeling Beans Milling Coffee Bean Processing

Paddy Processing Solution

Rice Milling Parboiled Rice Milling Rice Flour Milling Rice With Retained Germ Milling

Buckwheat Processing Solution

Buckwheat Peeling

Buckwheat Flour Milling

Other Grain Solution

Grain Cleaning Sorghum Processing Barley Husking Whole Grains Milling Millet Milling Quinoa Processing

Coix Seeds dehulling and Whitening

Corn Processing Solution

Corn Germ Extraction Corn Flour Milling Cooked Corn Flour Milling Corn Flaking

Wheat Processing Solution

Wheat Flour Milling Wheat Kernel Processing Wheat Flaking Coarse Wheat Flour Milling

Oat Processing Solution

Oats Dehulling Oats Cleaning/Sorting Oat Flaking

Oil Processing Solution

Oil Seeds Cleaning Oil Seeds Dehulling

EQUIPMENT CATALOG

Grain Cleaning Equipment

TQLS-85 Grain Cleaning and destoner TQLZ Vibrating Separator Gravity Destoner Color sorter Compound grain cleaning & grading machine TGXZ Gravity Separator Machine 5XFJ Series Vibration Grader TDV Gravity Corn Germ Separator Circulate Air Separator ZCM Grain Mycotoxins Removal Equipment XMS Wheat Washing Machine Magnetic Separator TQLQ45 Grain Cleaning & Destoning Machine

Peeling/Hulling Machine

HTQM-30B Multi-functional Seed Shelling Machine YTH 30*2 Soybean/Peas Peeling Machine MTPS Peeling Machine for Chickpea/Lentil/Peas YTC Broad Bean Dehulling Machine NZJ-15C Combined Millet Processing Unit Sunflower Seed Dehulling & Separating Equipment MTPS-R Emery Roller Maize Peeling Machine 6NF-90 / NF280 Corn Peeling Machine QMJ-300D Buckwheat Dehulling Machine Millet/Sorghum/Barley Peeling, Polishing Machine MPGT Corn Peeling and Polishing Machine TTPD Corn Germ Extraction Machine MTPS Highland Barley Peeling Machine MTPS Wheat Peeling Machine

Rice Milling Machine

WT-15B Combined Rice Milling Machine MLNS Series Fully Automatic Rice Mill Plant WT-15/8.5SR Diesel Rice Mill MGCZ Gravity Paddy Separator Verticle Rice Milling Whitener MNSW Horizontal Emery Roller Rice Mill HRP40*2 Smart Fexible Rice Polisher HRF40*2 Smart Flexible Rice Bran Separator MLGT Series Paddy Husker MMJX Rice Grading Machine MPG Rice Polishing Machine MJXT Series Rice Indented Cylinder Separator TQSX Suction Type Gravity Destoner HTL18x2 Smart Rice Germ Retaining Machine

Grits/Flour Milling Machine

YTZF 28-45 Maize Flour Milling Machine NF Single Grain Flour Milling Machine NF Series Cereals Flour Milling Machine DNM-3B Corn Grits and Flour Machine YTZSF 28-5B Maize Grits & Flour Mill TQNF-15T Corn Grits & Flour Unit YMSJ Fine Maize Hammer Mill E-Control Double Roller Mill FMFQ Series Roller Mill FDMW Horizontal Wheat Scourer FSFJ Closed Single/Double Bin Plansifter TSFJ Series Powder/Bran Brushing Machine FSFG Series High Square Plansifter Entoleter/Impact Detacher Ice-Cold Fiber Grain Micropowder Pulverizer FFPS Bran Finisher FQFD Grain Purifiers

Oat Machines

HTP Centrifugal Oat Huller Oat Dehulling and Separating Equipment YMYP-60×80 Oatmeal machine YMQL-56 Oat Groat Cutter ZLG Vibrating Fluidized Bed Dryer for Grains Vertical Steamer BJ-600YM Paddy Separator with Compartments Oat Milling Machine

Auxiliary Equipment

TDBZ Automatic Packaging Machine BLM High Pressure Jet Filter Dust Collector TDTG Bucket Elevator SJH Dampener/Watering Mixer SLG Series Twin-Screw Extruder Ventilation and Slip Pipe TFDZ Vertical Air Suction Channel Negative Pressure Airlock High Pressure Fan Centrifugal Blower LSS Screw Spiral Conveyor Air Compressor Flour Flow Scale PDG Electrical Control Cabinet Scraper Conveyor Belt Conveyor



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