

MACHINERY AND EQUIPMENT

DESCRIPTION

RICE MILL -

100 bags per hour (5,000 kgs/hr) clean rice capacity, consisting of:

Dumping Bin -

Reinforced concrete construction with dumping chute;

Paddy Pre-Cleaner (Sifter) -

Locally fabricated, perforated type 2-layer vibrating screen on structural steel frame and support, driven by 3.73-kW electric motor, 3 phase;

Bucket Elevator (No.1) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4 kW electric motor;

Buffer Tank/Bin -

Locally fabricated, steel plate construction,, approx. 120 bags capacity continuous loading complete with dumper;

4 - Rice Hullers -

Shandong Jingliang Machine Co. Ltd., Type LJ-25(H), Serial No. 0050, rubber roller type, 3000~3500 kg/hr. capacity, pneumatically operated, each driven by 7.5-kW electric motor, 3 phase, complete with other standard accessories;

(Note : 3 Units detached plate)

2 - Dehulling Sifters -

Locally fabricated, perforated type 2-layer vibrating screen on structural steel frame and support, each driven by 1.5-kW electric motor, 3 phase;

2 - Bucket Elevators (No.2 & 3) -

Steel construction, 152 mm bucket size, 100 bags capacity, each driven by 4-kW electric motor;

2 - Husk Aspirators -

Locally fabricated, steel plate construction, closed type discharge outlet complete with elements, blower, each driven by 5.6-kW electric motor;

2 - Bucket Elevators (No.4 & 5) -

Steel construction, 152 mm bucket size, 100 bags capacity, each driven by 4-kW electric motor;

Rice Bin -

Locally fabricated, steel plate construction,, approx. 15 bags capacity continuous loading complete with dumper;

Paddy Separator -

Taka Yama Cereal and Oil Machinery Co. Ltd., Model MGCZ 100X16, 16-layers table type, Serial No. NH021, 5.2 metric tons per hour capacity, driven by 1.5 kW electric motor, 3 phase, complete with other standard accessories;

3 - Bucket Elevators (No.6, 7 & 8) -

Steel construction, 152 mm bucket size, 100 bags capacity, each driven by 4-kW electric motor;

Rice Bin -

Locally fabricated, steel plate construction,, approx. 15 bags capacity continuous loading complete with dumper;

Paddy Separator -

Taka Yama Cereal and Oil Machinery Co. Ltd., Model MGCZ 100X12, 12-layers table type, Serial No. F8013, 2.5 metric tons per hour capacity, driven by 1.5-kW electric motor, 3 phase, complete with other standard accessories;

3 - Bucket Elevators (Nos. 9, 10 & 11) -

Steel construction, 152 mm bucket size, 100 bags capacity, each driven by 4-kW electric motor;

2 - Specific Gravity Stoners (Destoner) -

Jiaying Qinglong Machinery Co. Ltd., Model TQSC 56, Serial No. 34, 3 tons/hr capacity, driven by 1.5-kW electric motor, 1700 rpm, 3 phase, complete with other standard accessories;

Specific Gravity Stoner (Destoner) -

Jiaying Qinglong Machinery Co. Ltd., Model TQSC 71, Serial No. 36, 5 tons/hr capacity, driven by 1.5-kW electric motor, 1700 rpm, 3 phase, complete with other standard accessories;

Bucket Elevator(No.12) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Rice Bin -

Locally fabricated, steel plate construction,, approx. 40 bags capacity continuous loading complete with dumper;

3 - Rice Whitening Machines -

Hubei Yongxiang Food Processing Machine Co. Ltd., Model MNML34, vertical emeryroll buhler type, Serial Nos. 103010, 105003 and 111008, 4~5 tons/hr capacity, each driven by 37~55 kW electric motor, 560~900 rpm Main Shaft, complete with other standard accessories;

3 - Rice Bins -

Locally fabricated, steel plate construction,, approx. 40 bags capacity continuous loading complete with dumper and chute;

3 - Centrifugal Blowers -

Made in China, Model 6-30, Serial Nos. 070553, 070364 and 090861, 4051~4700 m³/hr capacity, each driven by 7.5-kW Siemens synchronous motor;

2 - Fine Rice Sifters -

Locally fabricated, perforated type vibrating screen on structural steel frame and support, each driven by 1.5-kW electric motor, 3 phase;

3 - Bucket Elevators (Nos. 13, 14 & 15) -

Steel construction, 152 mm bucket size, 100 bags capacity, each driven by 4-kW electric motor;

Rotary Sifter (White Rice Grader) -

Zhejiang Zhancheng Machinery Co.Ltd., Model MMJP 125Y4, Serial No. 33, 5 tons/hr capacity, 4 layers, driven by 1.1-kW electric motor, complete with other standard accessories;

Bucket Elevator (No.16) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 1.5-kW electric motor;

Rotary Sifter -

Korea Industrial Co.Ltd., Model HRS-400, 4 tons/hr capacity, 8-layers, driven by 0.75-kW electric motor, complete with other standard accessories;

Bucket Elevator (No.17) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

2 -Rice Bins -

Locally fabricated, steel plate construction,, approx. 20 bags capacity continuous loading complete with dumper and chute;

Mist Polisher -

Hubei Yongxiang Food Processing Machine. Co. Ltd., Model CM183, Serial No. 20500, 2007 year mfd., 2.5~3 tons/hr capacity, driven by 45-kW Siemens synchronous motor complete with loading hopper, water pump and other standard accessories;

Bucket Elevator (No.18) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Mist Polisher -

Oyama., 2.5~3 tons/hr capacity, driven by 37 kW - Teco electric motor, complete with loading hopper, water pump and other standard accessories;

Bucket Elevator (No.19) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

2 - Centrifugal Blowers -

Made in China, Model 6-30, Serial Nos. 070025, 4061 m3/hr capacity, each driven by 7.5-kW Siemens synchronous motor;

Bucket Elevator to Mixing (No.20) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Bucket Elevator to Grader (No.21) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

5 - Rice Integrated Cylinders (Graders) -

Taka Yama Cereal and Oil Machinery Co. Ltd., Model ICR671X1, Serial No. HL0816, 1.5~2 tons/hr capacity, each driven by 2.2-kW electric motor, complete with loading hopper and other standard accessories;

Rice Integrated Cylinder (Grader) -

1.5~2 tons/hr capacity, approximately driven by 2.2-kW electric motor, complete with loading hopper and other standard accessories;

Volumetric System -

consisting of:

Volumetric Bin -

Mild steel plate welded construction with 3 compartments;

3 - Blenders -

Avesco Marketing Corporation, Model HU40A72N4, 142/242 rpm 25/15 ratio;

System complete with other standard accessories;

Course Bran Sifter -

Single layer on steel frame and support driven by standard electric motor;

Bucket Elevator (No.22) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Bucket Elevator for Mixing (No.23) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Bucket Elevator to Sorter (No.24) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Color Sorter -

Yaoqiang, Model CCD ZK5, 320 channels, computerized type, complete with monitor display, 2 Air Compressor Feng Pai Model WW-3.2/10, oil free type, 1.0 Mpa discharge pressure, 3.2 m³/min air delivery, driven by 2 x 15-kW electric motor, 3 phase;

Bucket Elevator back to Sorter (No.25) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Bucket Elevator to Bin Mist Polisher (No.26) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Mist Polisher -

Hubei Yongxiang Food Processing Machine Co. Ltd., Model CMG21, Serial No. 104002, 2007 year mfd., 3.5~4.5 tons/hr capacity, driven by 55-kW Siemens synchronous motor complete with loading hopper, polishing cylinder, flowrate meter, screw iron roll, water pump and other standard accessories;

Bucket Elevator (No.27) -

Steel construction, 152 mm bucket size, 100 bags capacity, driven by 4-kW electric motor;

Rice Bagging Bin -

Mild steel plate welded construction with 2 compartments, 50 bags per compartment capacity;

Fine Rice Bagging Bin -

Mild steel plate welded construction 30 bags capacity;

Dust Collecting System -

consisting of:

6 - Bran Cyclones -

Mild steel plate welded construction, 1524 mm top diameter x 2743 mm height, conical type on structural steel frame and support;

Screw Conveyor -

Steel construction, 254 mm dia x 6096 mm L, screw size u-through casing, chain and sprocket driven thru gearbox reducer by 1.5-kW electric motor;

Bran Sifter -

Single layer on steel frame and support driven by standard electric motor;

5 - Dust Collecting Blowers -

Centrifugal type, each driven by standard electric motor.

System complete with main control panel board, structural steel working platforms, catwalks, frames and support, wires and cables and other standard mechanical and electrical installation materials and accessories for normal operation.