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AOISUN DELLOK®

DELLOK YONGHUI TECH CO.,LTD.

GRAIN DRYER

DELLOK YONGHUI TECH CO.,LTD

BATCH RECIRCULATOR GRAIN DRYER

Characteristic

Flexible and efficient heat source

Multiple heat supply is avaliable.To minimize the environment burden,this machine is adopt the technology of low temperature fully drying.and the technology of maximum heat change.

Even blend,circular drying

Maximum air volume and low temperature drying technology is introduced to this machine（the air temp is around 40-60°C).To minimize the broken rate,and to ensure the products in good condition and to improve the dehydration efficiency,the grains will be heated in a very short time,and then to be tempering for a long time.Thus,production costs will also be reduced at most.

Easy to operate

High degree of automation.A full touch screen (HMI) with excellent clear display is adopted,and there are automatic and manual mode to choose from,the multi-point safety interlock device is also introduced to this machine.



Main technical parament

Model	5H-10			5H-20	5H-20A	5H-30	5H-30A
Capacity(t)	5-10	5-12	5-15	7-20	7-20	10-30	10-30
Power(kw)	9.2	9.2	9.2	13.15	15.15	20.35	20.35
Dimension(mm)L*W*H	2175*3590*10435	2175*3590*11045	2175*3590*12265	2270*4580*14230	2208*5040*12615	3525*4440*14720	3525*4940*13860
Net weight(t)	2.3	2.5	3.0	3.7	4.2	5	5.5
Energy consumption	13-15	13-15	13-15	20-23	23-26	30-35	35-40
Feed time (min)	50-60	50-60	50-65	50-65	50-65	50-70	50-70
Discharge time(min)	50-65	50-65	50-70	50-70	50-70	50-75	50-75
moisture removed (%/h）	0.5-1	0.5-1	0.5-1	0.5-1	0.6-1.2	0.5-1	0.55-1.2
Fuel	Husk;straw;wood;peanut stalk and other waste blomass,etc.						
Safety device	Thermal replay.Air pressure switch.Full quantity alarm,etc.						

MOBILE DRYING MACHINE(5HYAN-3/5HPAN-5)

Characteristic:

Outstanding drying quality

Professionally engineered screw conveyor with low grain breakage rate.While ensuring grain safety,enables rapid grain loading/unloading operations.

Intelligent Operation

Intelligent electric control system with simpler operation and more convenient management.One-touch operation,set corresponding paramenters for hands-free,time-saving and labor-efficient process.

Flexible Usage

No fixed site required and no ancillary infrastructure needed,enables flesible relocation for operations.Designed for scattered,small-scale drying applications with user-friendly operation.Capable of processing diverse grain crops,offering wide application range.

High-efficiency performance

Circulating cross-mixed flow technology for uniform drying and superior quality.Large drying coverage with 360°no dead zones for high efficiency.Advanced aerodynamic design ensures uniform heat distribution across grain layers.

5HYAN-3



5HPAN-5



Main technical parament

Model	5HYAN-3	5HPAN-5
Dimension(mm)L*W*H	4200*2200*3930	4700*2200*5200
Moisture reduction rate(%/h)	1.8-3.0	1.8-3.0
Power(kw)	11.6	18.3
Capacity(t)	2.6-3	4.5-5
The structural form	batch recirculator	batch recirculator
Drying process	cross-mixed flow	cross-mixed flow
Drying method	direct heating/indirect heating	direct heating/indirect heating
Heat power(kj/h)	1260000	1260000

MOBILE DRYING MACHINE(5HYAN-10/5HPAN-16)

Characteristic:

Outstanding drying quality

Professionally engineered screw conveyor with low grain breakage rate.While ensuring grain safety,enables rapid grain loading/unloading operations.

Intelligent Operation

Intelligent electric control system with simpler operation and more convenient management.One-touch operation,set corresponding paramenters for hands-free,time-saving and labor-efficient process.

Flexible Usage

No fixed site required and no ancillary infrastructure needed,enables flesible relocation for operations.Designed for scattered,small-scale drying applications with user-friendly operation.Capable of processing diverse grain crops,offering wide application range.

High-efficiency performance

Circulating cross-mixed flow technology for uniform drying and superior quality.Large drying coverage with 360°no dead zones for high efficiency.Advanced aerodynamic design ensures uniform heat distribution across grain layers.

5HYAN-10



5HPAN-16



Main technical parament

Model	5HYAN-10	5HPAN-16
Dimension(mm)L*W*H	5200*2475*6355	5900*2950*7820
Moisture reduction rate(%/h)	1.8-2.5	1.5-2.5
Power(kw)	18.7	36.3
Capacity(t)	9-12	18-22
The structural form	batch recirculator	batch recirculator
Drying process	cross-mixed flow	cross-mixed flow
Drying method	direct heating/indirect heating	direct heating/indirect heating
Heat power(kj/h)	1260000	2520000

MOBILE DRYING MACHINE(5HP-10)

Characteristic:

Outstanding drying quality

High-configuration bucket elevator with low grain breakage rate.While ensuring grain safety,enables rapid grain loading/unloading operations.

Intelligent Operation

Intelligent electric control system with simpler operation and more convenient management.One-touch operation,set corresponding paramenters for hands-free,time-saving and labor-efficient process.

Flexible Usage

No fixed site required and no ancillary infrastructure needed,enables flesible relocation for operations.Designed for scattered,small-scale drying applications with user-friendly operation.Capable of processing diverse grain crops,offering wide application range.

High-efficiency performance

Circulating cross-mixed flow technology for uniform drying and superior quality.Large drying coverage with 360°no dead zones for high efficiency.Advanced aerodynamic design ensures uniform heat distribution across grain layers.

Main technical parament

Model	5HP-10
Dimension(mm)L*W*H	5907*2475*8669
Moisture reduction rate(%/h)	1.2-2.5
Power(kw)	16.2
Capacity(t)	10-13
The structural form	batch recirculator
Drying process	cross-mixed flow
Drying method	direct heating/indirect heating
Heat power(kj/h)	1260000

5HP-10



DRYING MACHINE(5HP-20)

Characteristic:

Outstanding drying quality

High-configuration bucket elevator with low grain breakage rate.While ensuring grain safety,enables rapid grain loading/unloading operations.

Intelligent Operation

Intelligent electric control system with simpler operation and more convenient management.One-touch operation,set corresponding paramenters for hands-free,time-saving and labor-efficient process.

High-efficiency performance

Circulating cross-mixed flow technology for uniform drying and superior quality.Large drying coverage with 360°no dead zones for high efficiency.Advanced aerodynamic design ensures uniform heat distribution across grain layers.

Main technical parament

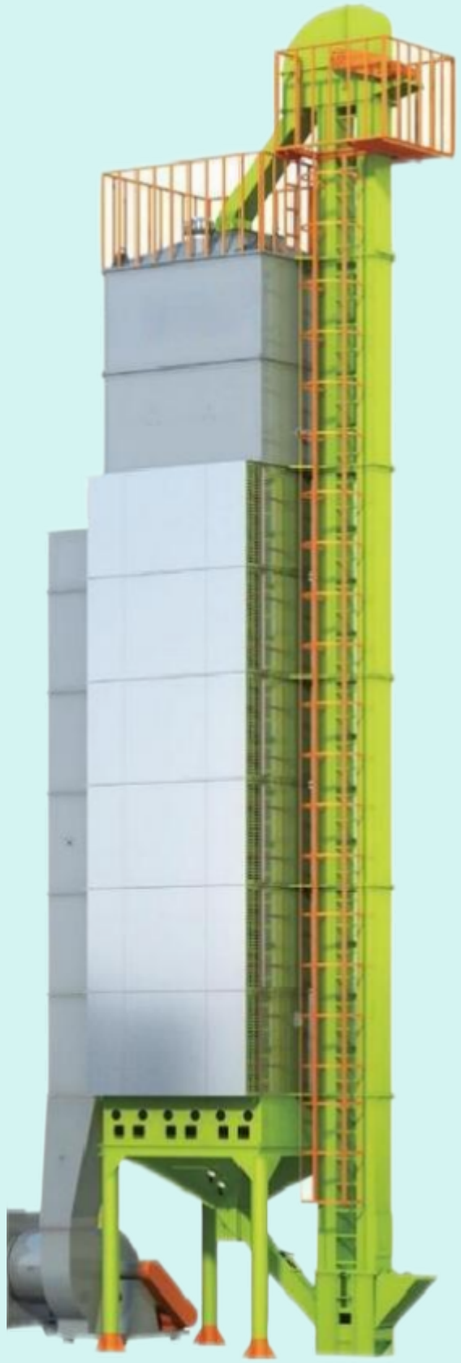
Model	5HP-20
Dimension(mm)L*W*H	5700*2975*10700
Moisture reduction rate(%/h)	1.0-2.2
Power(kw)	27.2
Capacity(t)	20.1
The structural form	batch recirculator
Drying process	cross-mixed flow
Drying method	direct heating
Heat power(kj/h)	2520000

5HP-20



FIXED-TYPE GRAIN DRYING TOWER

Capacity(T):
Wheat/Corn:35-45
Paddy::27-35



CONTINUOUS-TYPE FULLY GALVANIZED GRAIN DRYING TOWER

Capacity(T):Daily processing capacity of 200-1000tons

