



HAOKEBANG

HENAN HAOKEBANG MACHUINERY EQUIPMENT CO.,LTD

河南昊科邦机械设备有限公司





COMPANY PROFILE

企业简介

河南昊科邦机械设备有限公司位于河南省焦作市温县黄河街道盐东村吉祥路北，占地32000平方米，拥有8000平方米标准化重型工业厂房。公司专业生产粮食烘干机、管式烘干机、三筒式烘干机、滚筒式烘干机、各种规格粮仓和清粮筛等各种粮食机械设备，产品用于粮食筛选、烘干和储存。公司还自主研发生产锯末烘干机，用于锯末等物料的烘干。公司设备精良，有各种大、中型机加工、铆焊、装配设备20余台，具有中、高级职称的管理人才和工程技术人员50余名，是集研发、生产、销售、维修为一体的现代化企业。

河南昊科邦机械设备有限公司拥有现代化的企业管理机制，一流的制造设备，完善的检测手段，高素质的科研人员，优质的农业机械产品，以高度敬业精神来服务客户。多年来连续被评为“质量管理先进企业”、“重合同守信誉企业”等荣誉称号。公司自主研发生产的批式循环谷物干燥机5H-KB-20/5H-KB-35两种机型，分别通过农业机械推广鉴定，获得国家农业部农机补贴。

Henan Haokebang Machinery Co.,Ltd.Company is located in North of Jixiang Road,Yandong Village,Huanghe Street,Wenxian,Jiaozuo City,Henan Province.It covers an area of 32000 square meters,it has 8000 square meters standard heavy industry workshop.We are a professional factory which specialize in the manufacture of grain dryer,tube dryer,triple-cylinder dryer rotary dryer,all kinds of grain silos,grain pre-cleaner and other agricultural grain processing equipment,the products are used for grain cleaning,drying and storage.Our company also independently research and develop and manufacture tube sawdust dryer,it is used for drying sawdust,wood chips, etc.Our company owns more than 20 sets of large and medium size equipment of gold processing,rivet weld and assembly.It also has more than 50 managerial staffs and engineers who have medium and senior title.Our company is a integrative modern enterprise which includes scientific research,manufacture and sales.

Henan Haokebang Machinery Equipment Co.,Ltd owns a modern enterprise management system,first-class equipment, perfect detection means,high-quality scientific research staffs,high-quality agriculture machinery products,and highly dedicated spirit to face customers.It is constantly rated "advanced quality management enterprise" and "value contract and keep-credibility enterprise" for many years.Our company independently developed and manufactured batch-type circulating grain dryer of Models 5H-KB-20&5H-KB-35,these two models passed through the identification of agricultural machinery respectively,so that clients can get the State Ministry of Agriculture agricultural subsidies.



◀ 农业部农业机械重点推广产品

公司产品国内营销网络遍布新疆、云南、东北、内蒙、河北、山西、河南等各大、中城市 and 地区。公司有自主出口权，产品销往美国、俄罗斯、韩国、比利时、澳大利亚、印度尼西亚、尼日利亚、阿根廷等国家。

我们的团队一直以“用户满意，我们才满意”的服务宗旨，与时俱进。我公司拥有一大批技术精湛的技术人员和经验丰富的售后服务团队，能为用户提供从单体设备到解决方案的全套粮食烘干、储存、精选系统设备，并可提供专业的定制服务技术支持、可靠的零备件供应与优质的售后服务。

“虔诚、精细、严密、和谐”，昊科邦机械正以不渝的企业精神，诠释着前行的足迹，昭示着决胜未来的信念。始终如一地追求极品、创造典范，昊科邦将为用户提供更多的高品质产品和服务，将为中国民族工业腾飞奋力拼搏。

成长只是一个历程，辉煌则是新的起点。多年的风雨兼程，缔造了今天枝繁叶茂的昊科邦。新世纪，新希望，沿着探索的脚步，昊科邦又豪迈地朝向了中国机械制造行业的最前方！

我们的服务宗旨：“为用户服务，对用户负责，让用户满意！”

Domestic product sales network throughout Xinjiang, Yunnan, northeast China, Inner Mongolia, Hebei, Shanxi, Henan and other major cities in China. Our company has the right to export, the products were exported to the United States, Russia, South Korea, Belgium, Australia, Indonesia, Nigeria, Argentina and other countries.

We have been keeping the attitude that “customer satisfaction is our satisfaction”, to keep pace with the times. We have many skilled technical staffs and experienced after-sales service team, so we can provide not only single equipment but also solutions of a full production plants to our customers. And we can provide professional technology support, reliable supply of spare parts and high quality of after-sales services to our customers.

“Devotion, Elaboration, Rigorous, Harmonious” is the enterprise spirit of Haokebang, it also shows our determination to win in the future. We pursue the best quality to be a great creator. We will provide customers with highest quality of products and best service, to win more applause and respect for Chinese national industry.

Growth is only a process, but glory is a new starting point. Experienced years of trials and hardships, Haokebang becomes leafy today. In new century, there is new hope. Along the path of exploration, Haokebang towards bravely and boldly to the forefront of China's machine industry!

Our service purpose: “serve users, be responsible to users, satisfy users!”

昊科邦员工精神：忠诚、协作、专业、进取

忠诚：尽职尽责，以维护公司利益为基准。

Loyalty: due diligence, on the basis of maintaining the interests of the company.

协作：善于沟通、互相合作，以提升团队效率为目标。

Collaboration: good communication, mutual cooperation, to improve team efficiency as the goal.

专业：高标准、严要求，不断完善职业技能。

Professional: high standards, strict requirements, continuous improvement of professional skills.

进取：永创第一，以促进公司发展为己任。

Enterprising: always create the first, in order to promote the development of the company as its own responsibility.

昊科邦经营理念：诚信、合作、共赢、发展

诚信是市场经济的基础；诚信是企业发展和做人的根本。

Honesty is the basis of the market economy, and honesty is the basis for the development of the enterprise and the human being.

合作是为了共同的目的一起工作或共同完成某项任务。

Cooperation is to work together for a common purpose or to accomplish a task together.

共赢与发展是在共同的价值理念下，共同承担风险，共同分享利益，达至共同目标，共同获得持续发展。

Win-win and development are under common values, sharing risks together, sharing interests together, reaching common goals and achieving sustained development.

昊科邦服务理念：服务创造美好印象

尊重客户，理解客户，持续提供超越客户期望的产品和服务，做客户永远的伙伴。

Respect customers, understand customers, continue to provide products and services beyond the expectations of customers, and become customers forever partners.

CORPORATE CULTURE

企业文化



DRYING MACHINE
粮食烘干机

DEVELOPMENT HISTORY 发展历程

公司2018年5月通过ISO9001质量管理体系认证，6月在洛阳商标局进行了商标注册，8月长风国际授予公司AAA级信用单位，颁发七项证书，11月公司通过了环评自主验收。

The company passed the ISO 9001 quality management system certification in May, 2018, trademark registration was carried out in Luoyang Trademark Office in June, issued seven certificates, and passed the independent acceptance of EIA in November.

公司发展规模壮大，于2016年8月成立巩义科邦机械有限公司，法人李志科。产品实现多元化，不断创新技术，“低温循环式粮食烘干机”同行业销售第一名。

The company expanded its scale of development, in August 2016, Gongyi Kebang Machinery Co., Ltd. was established, its legal person is Mr Zhike Li. Our company products diversifies, technology innovates. "Low-temperature Circulating Grain Dryer" won the first place in the same industry sales.

公司成为巩义市机械行业龙头企业，公司明星产品“破碎机”荣获网络销售同行业第一名。

The company became the leading enterprise in the machinery industry in Gongyi City. The company's star product "Crusher" won the first place in the internet sale from same industry.

2019年

2019年3月公司获得ISO14001环境管理体系和OHSAS18001职业健康安全管理体系证书，使公司的生产经营管理得到了巨大的提升。

In March 2019, the company obtained ISO14001 Environmental Management System and OHSAS18001 Occupational Health and Safety Management System Certificate, which greatly improved the company's production and management.

2018年

2017年

公司在原有基础上成立河南昊科邦机械设备有限公司。正式启动“批式循环谷物干燥机”产业科技创新基地，5H-KB-20/5H-KB-35两种机型，分别通过农业机械推广鉴定，获得国家农业部农机补贴。

The company established Henan Haokebang Machinery Equipment Co., Ltd. on the original basis. The company officially launched the Batch-type Circulating Grain Dryer" industrial technology innovation base. 5H-KB-20 & 5H-KB-35, these two models passed through the identification of agricultural machinery respectively, so that

2016年

2014年

公司产品多元化发展并取得自主出口权。破碎机、粮食烘干机、管式烘干机等产品出口109个国家和地区，同年产值突破五千万。

The company diversified its products and obtained independent export rights. Crusher, grain dryer, tube dryer and other products exported to more than 109 countries and regions, the output value exceeded 50 million in the same year.

2012年

2008年

巩义孝义宏运机械制造厂于2008年3月21日成立，创始人李书宏。

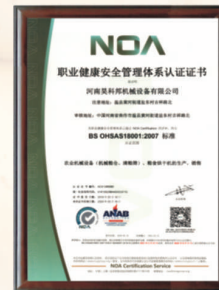
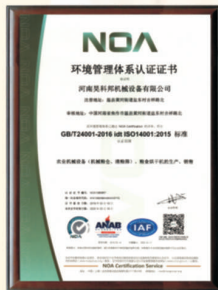
Gongyi Xiaoyi Hongyun Machinery Factory was established on March 21, 2008, founder and legal person is Mr Shuhong Li.



QUALIFICATIONS

资质

体系认证



推广 鉴定 证书



对外 贸易 资质



资
信
认
证



其
他

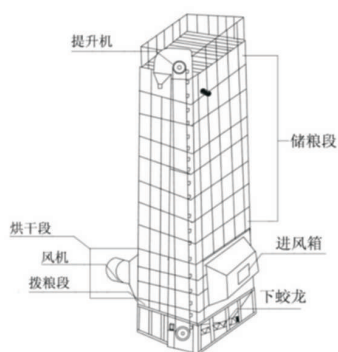


农机购置补贴利国利民，农机补贴让农民得实惠、企业得市场、政府得民心、经济得发展。提高服务水平，保证补贴落实。坚持按规定实施农机补贴，把质量好、服务好的农机具送到农户手中。

Agricultural machinery subsidies is good for both government and the people, farmers gets benefit from subsidies, business gets the market, the government gets the people's support, the economy develops, Improve service and ensure the implementation of subsidies Adhere to the implementation of agricultural in accordance with the provisions, to ensure the farmers get good quality agriculture products and good service.

CORPORATE CULTURE

产品介绍



5H-KB型烘干机结构示意图

1. 产品型号、名称

产品型号: 5H-KB型

产品名称: 批式循环谷物干燥机

2. 产品使用范围

该机广泛适用于粮食等颗粒物料, 如稻谷、玉米、小麦、大豆、高粱、油菜籽等颗粒物料的烘干处理, 也适用于种子烘干处理。同时可对油菜籽、油葵籽等颗粒物料进行烘干处理。

3. 产品主要特点

5H-KB谷物干燥机内燃料无动力流动, 操作简单, 占地面积少。物料通过多元性烘干区, 达到连续、和缓、均匀的湿热交换。通过气流控制和粮食作物运动, 粮食作物可达到均匀、彻底的烘干, 粮食烘干机最适用于缓慢、均匀的烘干。遵循运输方便、安装简单、便于维修、节能环保、性价比高、动力小、能耗低、环保等原则, 使废弃的稻壳、秸秆、木材通过充分燃烧, 间接取热。同时也可使用电、天然气等作为加热介质, 洁净的热风对烘干物不会产生任何污染。

5H-KB系列批式循环谷物干燥机主要为粮食企业、经营专业户提高经济效益, 降低粮食水分, 确保安全储藏; 为农业种植合作社减少晾晒环节、降低劳动强度、节约生产成本而设计的烘干设备, 综合国内外多种干燥机优点。该机工艺先进, 结构合理新颖, 干燥质量好, 耗能少, 投资低, 适应性强, 能干燥玉米、稻谷、高粱、小麦、大麦、大豆、其他果实等农作物的商品粮和饲料粮。

5H-KB series of batch type circulation grain drying machine is mainly for the food enterprises, management profession of improving economic efficiency, reduce the grain moisture, ensure safe storage; For farming cooperatives reduce air link, reduce the labor intensity, saving the cost of production and design of drying equipment, comprehensive advantages at home and abroad a variety of dryer. This advanced technology, reasonable structure and novel, good drying quality, less energy consumption, low investment, high adaptability, and can dry corn, rice, sorghum, wheat, barley, soybeans and other crops such as fruit of commodity grain and feed grains.

1. Product model and name

Product type: 5H-KB

Product name: batch cycle grain dryer

2. Product range

This machine is widely used in grain materials such as grain, such as rice, corn, wheat, soybean, sorghum, rapeseed, etc., and also suitable for seed drying. At the same time, the granule materials such as oil tea seed and sunflower seeds can be dried.

3. Main features of products

5H-KB grain drying machine has no power flow, easy operation and small occupation area. The material is used to dry the area through the pluralistic drying area to achieve continuous, gentle and even heat exchange. Through air flow control and food crop movement, food crops can be evenly and thoroughly dried, and the grain dryer is most suitable for slow, uniform drying. Follow the convenient transportation, simple installation and maintenance, energy conservation, environmental protection, cost-effective, low power, low energy consumption and environmental protection principle, the abandoned rice husk, straw, wood through the full combustion, indirect heat removal. Also can use electricity, natural gas and so on as heating medium, clean hot wind to dry matter does not produce any pollution.

**机器型号：**

5H-KB系列

产品简介：

5H-KB系列低温批示循环谷物烘干机通过低温循环烘干方式来实现烘干。

5H-KB系列低温批示循环谷物烘干机采用多功能式一体机设计，间接热风加热，超大的容量，增大了烘干层面积。因巧妙的结构设计，减小了所需动力，在给用户节能占地面积和节省能源的基础上提高了烘干效率。该谷物烘干机设备的使用可有效降低粮食谷物烘干爆腰率，提高谷物精度，从而提升粮食谷物品质。

总体结构：

5H-KB系列低温批示循环谷物烘干机为钢制结构，该机由储粮段（含分粮器）、烘干段、播粮段、提升机、换风炉、满量报警系统、自动粮食水分检测仪、自动化电控装置等部分组成。既可单机单独作业、又可双机联组作业。

应用范围：

适用于水稻稻谷、麦类、豆类、玉米、葵花子、油菜籽、高粱、种子等各类粮食谷物的干燥。

Machine model:

5H-KB series

Product Introduction:

The 5H-KB series low temperature batch circulating grain dryer uses low temperature circulating drying method to achieve drying.

5H-KB Series low temperature batch grain dryer adopts the design of all-in-one multifunctional type, hot air indirect heating, large capacity, it increases the area of drying layer. Due to its ingenious structure design, it reduces the required power and improves drying efficiency in the foundation of saving occupied area and saving energy for users. Using this grain dryer can effectively reduce crackle ratio, improve the accuracy of grain, so to enhance the quality of grains.

Overall structure:

5H-KB series low temperature batch circulating grain dryer is a steel structure. The machine consists of grain storage section (including grain separator), drying section, sowing grain section, hoist, hot air changing furnace, full alarm system, automatic grain moisture detector, automatic electronic control device and other components. It can be both operated separately in a single machine and operated in combined double machines.

Application scope:

sunflower seeds, rapeseed, sorghum, seeds, etc. It can be used in rice paddy, rice, wheat, beans, corn,





公司自主研发新增了处理量为50吨的批示循环谷物烘干机，填补了该吨位在市场上的空白。该机型加热段采用中间进风、两侧加热的方式向两侧分流进风，使加热效果更均匀，具有产量高，能耗低等特点。

The company independently developed a new batch of grain circulating dryer with a handling capacity of 50 tons, which filled the gap in the market. The heating section of this model adopts the air inlet from middle and the heating on both sides to divert the air into the two sides, so that the heating effect is more uniform, and the product has high output and low energy consumption.

技术参数：

序号	项目		单位	规格		
1	型号规格		/	5H-KB-10	5H-KB-15	
2	结构类型		/	循环式	循环式	
3	干燥方式		/	间接加热	间接加热	
4	干燥机机体外形尺寸(长×宽×高)		mm	2700×3600×12000	2900×4050×10800	
5	批次处理量		t	10	15	
6	干燥速率		%/h	0.5~1.2	0.5~1.2	
7	干燥能力		t·%/h	≥3.88	≥7.8	
8	装机容量		m ³	13.8	28	
9	干燥段数量/每段高度		个/mm	3/750	2/750	
10	缓苏段数量/每段高度		个/mm	1/610	1/610	
11	热风温度范围		℃	45~105	45~105	
12	热风机	数量	/	1	1	
		型号名称	/	4-72-5.1CY90-4型离心风机	4-72-5.1CY90-4型离心风机	
		转速	r/min	1450	1900	
		风压	Pa	870	900	
		流量	m ³ /h	8200	12000	
		电机功率	kw	3	4	
13	热风炉	型号名称	/	5H-20型热风炉	5H-30型热风炉	
		炉排型式	/	固定式	固定式	
		换热器型式	/	燃煤换热器	燃煤换热器	
		引烟风机	型号	/	4-72-2.8A	4-72-2.8A
			转速	r/min	2900	2900
			流量	m ³ /h	1131~2356	1688~3517
			电机功率	kw	1.5	2.2
		热功率(输出热量)	kj/h		0.84×10 ⁶ (20万大卡/小时)	1.67×10 ⁶ (40万大卡/小时)
		燃料种类	/	生物质颗粒稻壳两用炉(自主研发) /天然气/液化石油气		
		加热方式	/	间接加热	间接加热	
喷(点)火头数量	个	1	1			
14	排粮电机功率		kw	0.2	0.2	
15	提升机生产率		t/h	10	13.5	
16	提升机电机功率		kw	2.2	2.2	

Technical parameters

Serial number	Project		Company	Specificationa	
1	Model specification		/	5H-KB-10	5H-KB-15
2	Structural style		/	Circulatory type	Circulatory type
3	Drying method		/	Indirect heating	Indirect heating
4	Dryer body shape size(long x wide x high)		mm	2700 × 3600 × 12000	2900 × 4050 × 10800
5	Batch processing		t	10	15
6	Drying rate		%/h	0.5 ~ 1.2	0.5 ~ 1.2
7	Drying capacity		t · %/h	≥3.88	≥7.8
8	Installed capacity		m ³	13.8	28
9	Quantity of dry section /height		个/mm	3/750	2/750
10	The quantity / height of the Suzhou section		个/mm	1/610	1/610
11	Hot air temperature range		℃	45 ~ 105	45 ~ 105
12	Hot air blower	Number	/	1	1
		Model name	/	4-72-5.1CY90-4 centrifugal fan	4-72-5.1CY90-4 centrifugal fan
		Speed	r/min	1450	1900
		Wind pressure	Pa	870	900
		Flow	m ³ /h	8200	12000
		Motor power	kw	3	4
13	Hot	Model name	/	5H-20 type hot blast stove	5H-30 type hot blast stove
		Type of grate	/	Fixed type	Fixed type
		Exchanger type	/	Coal heat exchanger	Coal heat exchanger
	air fan	Model	/	4-72-2.8A	4-72-2.8A
		Speed	r/min	2900	2900
		Flow	m ³ /h	1131 ~ 2356	1688 ~ 3517
		Motor power	kw	1.5	2.2
	stove	Thermal power(output heat)	kJ/h	0.84 × 10 ⁶ (200 thousand big cards/hours)	1.67 × 10 ⁶ (400 thousand big cards/hours)
		Type of fuel	/	Biomass pellet rice husk dual-purpose furnace (independent research and development) / natural gas /liquefied petroleum gas	
		Heating mode	/	Indirect heating	Indirect heating
Spray head number(point)		个	1	1	
14	Grain draining motor power		kw	0.2	0.2
15	Hoist productivit		t/h	10	13.5
16	Hoist motor power		kw	2.2	2.2

技术参数：

序号	项目		单位	规格		
1	型号规格		/	5H-KB-20	5H-KB-35	
2	结构类型		/	循环式	循环式	
3	干燥方式		/	间接加热	间接加热	
4	干燥机机体外形尺寸（长×宽×高）		Mm	2900×4050×12200	3500×4400×13330	
5	批次处理量		t	20	35	
6	干燥速率		%/h	0.5~1.2	0.5~1.2	
7	干燥能力		t·%/h	≥7.8	≥13.6	
8	装机容量		m ³	37	63	
9	干燥段数量/每段高度		个/mm	3/750	3/750	
10	缓苏段数量/每段高度		个/mm	1/610	1/610	
11	热风温度范围		℃	45~105	45~105	
12	热风机	数量	/	1	2	
		型号名称	/	4-72-5.1CY90-4型离心风机	4-72-5.1CY90-4型离心风机	
		转速	r/min	1900	1900	
		风压	Pa	900	900	
		流量	m ³ /h	12000	12000	
		电机功率	kw	4.0	4.0×2	
13	热风炉	型号名称	/	5H-60型热风炉	5H-100型热风炉	
		炉排型式	/	固定式	固定式	
		换热器型式	/	燃煤换热器	燃煤换热器	
		引烟风机	型号	/	4-72-3.2A	4-72-3.2A
			转速	r/min	2900	2900
			流量	m ³ /h	1688~3517	1688~3517
			电机功率	kw	2.2	2.2
		热功率（输出热量）	kj/h	1.67×10 ⁶ （60万大卡/小时）	2.51×10 ⁶ （100万大卡/小时）	
		燃料种类	/	生物质颗粒稻壳两用炉（自主研发）/天然气/液化石油气		
		加热方式	/	间接加热	间接加热	
喷（点）火头数量	个	1	1			
14	排粮电机功率		kw	0.2	0.4	
15	提升机生产率		t/h	13.5	17.5	
16	提升机电机功率		kw	2.2	3.0	

Technical parameters

Serial number	Project		Company	Specificationa		
1	Model specification		/	5H-KB-20	5H-KB-35	
2	Structural style		/	Circulatory type	Circulatory type	
3	Drying method		/	Indirect heating	Indirect heating	
4	Dryer body shape size(long x wide x high)		mm	2900 × 4050 × 12200	3500 × 4400 × 13330	
5	Batch processing		t	20	35	
6	Drying rate		%/h	0.5 ~ 1.2	0.5 ~ 1.2	
7	Drying capacity		t · %/h	≥7.8	≥13.6	
8	Installed capacity		m ³	37	63	
9	Quantity of dry section /height		个/mm	3/750	3/750	
10	The quantity / height of the Suzhou section		个/mm	1/610	1/610	
11	Hot air temperature range		℃	45 ~ 105	45 ~ 105	
12	Hot air blower	Number	/	1	2	
		Model name	/	4-72-5.1CY90-4 centrifugal fan	4-72-5.1CY90-4 centrifugal fan	
		Speed	r/min	1900	1900	
		Wind pressure	Pa	900	900	
		Flow	m ³ /h	12000	12000	
		Motor power	kw	4.0	4.0	
13	Hot air stove	Model name	/	5H-60type hotblaststove	5H-100type hotblaststove	
		Type of grate	/	Fixed type	Fixed type	
		Exchanger type	/	Coal heat exchanger	Coal heat exchanger	
		Smoke fan	Model	/	4-72-3.2A	4-72-3.2A
			Speed	r/min	2900	2900
			Flow	m ³ /h	1688 ~ 3517	1688 ~ 3517
			Motor power	kw	2.2	2.2
		Thermal power(output heat)	kj/h		1.37 × 10 ⁶ (600,000 calories per hour)	2.51 × 10 ⁶ (1 million calories per hour)
		Type of fuel	/	Biomass pellet rice husk dual-purpose furnace (independent research and development) / natural gas / liquefied petroleum gas		
		Heating mode	/	Indirect heating	Indirect heating	
Spray head number(point)	个		1	1		
14	Grain draining motor power		kw	0.2	0.4	
15	Hoist productivit		t/h	13.5	17.5	
16	Hoist motor power		kw	2.2	3.0	

技术参数：

序号	项目		单位	规格		
1	规格型号		/	5H-KB-50		
2	结构型式		/	循环式		
3	干燥方式		/	间接加热/直接加热		
4	干燥机机体外形尺寸(长×宽×高)		mm	5075×3540×14900		
5	批次处理量		t	50		
6	干燥速率		%/h	0.5~1.2		
7	干燥能力		t·%/h	≥19.4		
8	装机容量		m ³	90.3		
9	干燥段数量/每段高度		个/mm	3/1040		
10	缓苏段数量/每段高度		个/mm	10/670		
11	热风温度范围		℃	50~90		
12	热风 机	数量	/	1	2	
		型号名称	/	4-73-8型离心风机	4-72-5.1CY90-4型离心风机	
		转速	r/min	1450	1900	
		风压	Pa	868~1284	900	
		流量	m ³ /h	20442~30993	12000	
		电机功率	kw	15	4×2	
13	热风 炉	型号名称	/	5H-60型热风炉		
		炉排型式	/	固定式		
		换热器型式	/	燃煤换热器	燃煤换热器	
		引 烟 风 机	型号	/	4-72-3.2A	
			转速	r/min	2900	
			流量	m ³ /h	1688~3517	
			电机功率	kw	2.2	
		热功率(输出热量)	kj/h	2.93×10 ⁶ (70万大卡/小时)		
		燃料种类	/	生物质颗粒稻壳两用炉(自主研发)/天然气/液化石油气		
		加热方式	/	间接加热		
喷(点)火头数量	个	1				
14	排粮电机功率		kw	0.4		
15	提升机生产率		t/h	33t×2		
16	提升机电机功率		kw	4kw×2		

Technical parameters

Serial number	Project		Company	Specifications		
1	Project Model specification		/	5H-KB-50		
2	Structural style		/	Circulatory type		
3	Drying method		/	Indirect heating/direct heating		
4	Dryer body shape size(long x wide x high)		mm	5075 × 3540 × 14900		
5	Batch processing		t	50		
6	Drying rate		%/h	0.5 ~ 1.2		
7	Drying capacity		t · %/h	≥19.4		
8	Installed capacity		m ³	90.3		
9	Quantity of dry section /height		个/mm	3/1040		
10	The quantity / height of the Suzhou section		个/mm	10/670		
11	Hot air temperature range		℃	50 ~ 90		
12	Hot air blower	Number	/	1	2	
		Model name	/	4-72-5.1CY90-4 centrifugal fan	4-72-5.1CY90-4 centrifugal fan	
		Speed	r/min	1450	1900	
		Wind pressure	Pa	868 ~ 1284	900	
		Flow	m ³ /h	20442 ~ 30993	12000	
		Motor power	kw	15	4 × 2	
13	Hot air stove	Model name	/	5H-60 type hot blast stove		
		Type of grate	/	Fixed type		
		Exchanger type	/	Coal heat exchanger		
		Smoke fan	Model	/	4-72-3.2A	
			Speed	r/min	2900	
			Flow	m ³ /h	1688 ~ 3517	
			Motor power	kw	2.2	
		Thermal power(output heat)	kJ/h	2.93 × 10 ⁶ (700,000 calories per hour)		
		Type of fuel	/	Biomass pellet rice husk dual-purpose furnace (independent research and development) / natural gas / liquefied petroleum gas		
		Heating mode	/	Indirect heating		
Spray head number(point)	个	1				
14	Grain draining motor power		kw	0.4		
15	Hoist productivit		t/h	33t × 2		
16	Hoist motor power		kw	4kw × 2		

粮仓 Grain Silo



粮仓顾名思义储存粮食的仓库，粮仓的选择要利于粮食安全储藏、有一定的先进性、利于实现机械化、要适合先进储粮技术的实施。

机器型号：

锥底钢板仓、平底钢板仓

应用范围：

适用于玉米、水稻、小麦、高粱、大豆、谷物等粮食作物的储存。

产品特点：

- (一) 防火
- (二) 防潮
- (三) 隔热
- (四) 通风
- (五) 气密性好
- (六) 防虫、防鼠雀
- (七) 便于机械化作业
- (八) 利于散装储粮
- (九) 坚固抗震性

产品优势：

按需定制，节省预算，高效解决仓储问题。

As the name implies, grain warehouse is a warehouse for storing grain. The selection of grain warehouse should be conducive to food security storage, be advanced to a certain extent, be conducive to the realization of mechanization, and be suitable for the implementation of advanced grain storage technology.

Machine type:

hopper Bottom steel silo、flat Bottom steel silo

Use range:

It can be used in corn, rice, wheat, sorghum, soybean, grain and other grain crops.

Product features:

- (1) fire prevention
- (2) moisture resistance
- (3) heat insulation
- (4) air tightness
- (5) good air tightness
- (6) pests and rats
- (7) It is convenient for mechanization operation
- (8) strong earthquake resistance
- (9) strong seismic resistance

Product advantages:

Customized on demand, saving budget, efficiently solve storage problems.

45度锥底钢板仓技术参数
45°Hopper Bottom Steel Silo Technical Parameter

直径D (m)	项目 (project)	型号 Model	层数 Layer number	容积 V (m³)	容量 C (t)	环梁高 H2 (m)	仓筒高 H1 (m)	仓全高 H (m)
3.667		TCZ03601	1	22	16	2.77	1.19	5.05
		TCZ03602	2	34	25		2.31	6.20
		TCZ03603	3	46	34		3.43	7.32
		TCZ03604	4	58	43		4.55	8.44
		TCZ03605	5	69	52		5.67	9.56
		TCZ03606	6	81	61		6.79	10.68
		TCZ03607	7	93	70		7.91	11.80
4.584		TCZ04503	3	76	57	3.24	3.43	8.05
		TCZ04504	4	94	71		4.55	9.17
		TCZ04505	5	113	84		5.67	10.29
		TCZ04506	6	131	98		6.79	11.41
		TCZ04507	7	150	112		7.91	12.53
		TCZ04508	8	168	126		9.03	13.65
		TCZ04509	9	187	140		10.15	14.77
5.500		TCZ05504	4	142	106	3.73	4.55	9.89
		TCZ05505	5	168	126		5.67	11.01
		TCZ05506	6	195	146		6.79	12.13
		TCZ05507	7	222	166		7.91	13.25
		TCZ05508	8	248	186		9.03	14.37
		TCZ05509	9	275	206		10.15	15.49
		TCZ05510	10	301	226		11.27	16.61
6.417		TCZ06406	6	273	205	4.15	6.79	12.85
		TCZ06407	7	309	232		7.91	13.97
		TCZ06408	8	345	259		9.03	15.09
		TCZ06409	9	382	286		10.15	16.21
		TCZ06410	10	418	313		11.27	17.33
		TCZ06411	11	454	340		12.39	18.45
		TCZ06412	12	490	368		13.51	19.57
7.334		TCZ07307	7	415	311	4.61	7.91	14.70
		TCZ07308	8	462	346		9.03	15.82
		TCZ07309	9	509	382		10.15	16.94
		TCZ07310	10	557	417		11.27	18.06
		TCZ07311	11	604	453		12.39	19.18
		TCZ07312	12	651	488		13.51	20.30
		TCZ07313	13	699	524		14.63	21.42
8.250		TCZ08207	7	538	404	5.15	7.91	15.51
		TCZ08208	8	598	449		9.03	16.63
		TCZ08209	9	658	493		10.15	17.75
		TCZ08210	10	718	538		11.27	18.87
		TCZ08211	11	778	583		12.39	20.00
		TCZ08212	12	838	628		13.51	21.11
9.167		TCZ09108	8	752	564	5.50	9.03	17.24
		TCZ09109	9	836	619		10.15	18.36
		TCZ09110	10	900	675		11.27	19.48
		TCZ09111	11	974	730		12.39	20.60
		TCZ09112	12	1048	786		13.51	21.72
		TCZ09113	13	1122	841		14.63	22.84
		TCZ09114	14	1196	897		15.75	23.96

直径 Diameter (m)	项目 (project)	型号 Model	层数 Layer number	容积 Volume (m³)	容量 Capacity (t)	环梁高 Girth height (m)	仓筒高 Bunker height (m)	仓全高 Warehouse height (m)
10.084		TCZ11009	9	1239	929	6.43	10.15	19.83
		TCZ11009	10	1346	1009		11.27	20.95
		TCZ11009	11	1452	1089		12.39	22.07
		TCZ11009	12	1558	1169		13.51	23.19
		TCZ11009	13	1665	1249		14.63	24.31
		TCZ11009	14	1771	1328		15.75	25.43
		TCZ11009	15	1878	1408		16.87	26.55
11.000		TCZ11009	9	1239	929	6.43	10.15	19.83
		TCZ11009	10	1346	1009		11.27	20.95
		TCZ11009	11	1452	1089		12.39	22.07
		TCZ11009	12	1558	1169		13.51	23.19
		TCZ11009	13	1665	1249		14.63	24.31
		TCZ11009	14	1771	1328		15.75	25.43
		TCZ11009	15	1878	1408		16.87	26.55
11.917		TCZ11909	9	1481	1111	6.89	10.15	20.55
		TCZ11910	10	1606	1204		11.27	21.67
		TCZ11911	11	1731	1298		12.39	22.79
		TCZ11912	12	1856	1392		13.51	23.91
		TCZ11913	13	1981	1486		14.63	25.03
		TCZ11914	14	2106	1579		15.75	26.15
11.834		TCZ12809	9	1749	1312	7.35	10.15	21.27
		TCZ12809	10	1894	1420		11.27	22.39
		TCZ12809	11	2039	1529		12.39	23.51
		TCZ12809	12	2184	1638		13.51	24.63
		TCZ12809	13	2329	1746		14.63	25.75
		TCZ12809	14	2474	1855		15.75	26.87
		TCZ12809	15	2618	1964		16.87	27.99

45度锥底钢板仓

- 仓顶角度30度;
- 仓底角度45度;
- 仓底出口法兰高度1米;
- 仓容积为仓顶、仓筒、仓底容积总和;
- 容重按物理密度0.75吨/立方米计算。

45° Hopper Bottom steel silo

- 30° Silo Roof;
- 45° Hopper Bottom;
- Height of silo bottom outlet flange is 1m;
- Silo volume is the sum of silo roof, silo body and silo hopper bottom;
- Capacity is calculated at 0.75t/m3 bulk density.



平底钢板仓技术参数

Flat Bottom Steel Silo Technical Parameter

直径 Diameter (m)	项目 (project)	型号 Model	层数 Layer number	容积 Volume (m ³)	容量 Capacity (t)	仓筒高 Bunker height (m)	仓全高 Warehouse height (m)		
4.584		TCK04503	3	63	47	3.43	4.78		
		TCK04504	4	82	61	4.55	5.90		
		TCK04505	5	100	75	5.67	7.02		
		TCK04506	6	119	89	6.79	8.14		
		TCK04507	7	137	103	7.91	9.26		
		TCK04508	8	156	117	9.03	10.38		
		TCK04509	9	174	131	10.15	11.50		
		TCK04510	10	193	144	11.27	12.62		
		5.500		TCK05504	4	120	90	4.55	6.17
				TCK05504	5	147	110	5.67	7.29
TCK05504	6			173	130	6.79	8.41		
TCK05504	7			200	150	7.91	9.53		
TCK05504	8			227	170	9.03	10.65		
TCK05504	9			253	190	10.15	11.77		
TCK05504	10			280	210	11.27	12.89		
TCK05504	11			306	230	12.39	14.01		
6.417				TCK06405	5	203	152	5.67	7.55
				TCK06406	6	239	179	6.79	8.67
				TCK06407	7	275	206	7.91	9.79
		TCK06408	8	312	234	9.03	10.91		
		TCK06409	9	348	261	10.15	12.03		
		TCK06410	10	384	288	11.27	13.15		
		TCK06411	11	420	315	12.39	14.27		
		TCK06412	12	456	342	13.51	15.39		
7.334		TCK07306	6	203	152	5.67	7.55		
		TCK07307	7	239	179	6.79	8.67		
		TCK07308	8	275	206	7.91	9.79		
		TCK07309	9	312	234	9.03	10.91		
		TCK07310	10	348	261	10.15	12.03		
		TCK07311	11	384	288	11.27	13.15		
		TCK07312	12	420	315	12.39	14.27		
		TCK07313	13	456	342	13.51	15.39		
		8.250		TCK08207	7	465	349	7.91	10.32
				TCK08208	8	525	393	9.03	11.44
TCK08209	9			585	438	10.15	12.56		
TCK08210	10			644	483	11.27	13.68		
TCK08211	11			704	528	12.39	14.80		
TCK08212	12			764	573	13.51	15.92		
TCK08213	13			824	618	14.63	17.04		
TCK08214	14			884	663	15.75	18.16		
9.167				TCK09107	7	580	435	7.91	10.59
				TCK09108	8	654	490	9.03	11.71
		TCK09109	9	728	546	10.15	12.83		
		TCK09110	10	802	601	11.27	13.95		
		TCK09111	11	876	657	12.39	15.07		
		TCK09112	12	949	712	13.51	16.19		
		TCK09113	13	1023	767	14.63	17.31		
		TCK09114	14	1097	823	15.75	18.43		

直径 Diameter (m)	项目 (project)	型号 Model	层数 Layer number	容积 Volume (m ³)	容量 Capacity (t)	仓筒高 Bunker height (m)	仓全高 Warehouse height (m)		
10.084		TCK10008	8	789	599	9.03	11.97		
		TCK10009	9	888	666	10.15	13.09		
		TCK10010	10	977	733	11.27	14.21		
		TCK10011	11	1067	800	12.39	15.33		
		TCK10012	12	1156	867	13.51	16.45		
		TCK10013	13	1245	934	14.63	17.57		
		TCK10014	14	1335	1001	15.75	18.69		
		TCK10015	15	1424	1068	16.87	19.81		
		11.000		TCK11009	9	1065	799	10.15	13.36
				TCK11010	10	1171	878	11.27	14.48
TCK11011	11			1278	958	12.39	15.60		
TCK11012	12			1384	1038	13.51	16.72		
TCK11013	13			1491	1118	14.63	17.84		
TCK11014	14			1597	1198	15.75	18.96		
TCK11015	15			1704	1278	16.87	20.08		
TCK11016	16			1710	1357	17.99	21.20		
11.918				TCK11910	10	1385	1038	11.27	14.74
				TCK11911	11	1509	1132	12.39	15.86
		TCK11912	12	1634	1226	13.51	16.98		
		TCK11913	13	1759	1319	14.63	18.10		
		TCK11914	14	1884	1412	15.75	19.22		
		TCK11915	15	2009	1507	16.87	20.34		
		TCK11916	16	2134	1601	17.99	21.46		
		TCK11917	17	2259	1694	19.11	22.58		
		12.834		TCK12810	10	1617	1213	11.27	15.00
				TCK12810	11	1762	1321	12.39	16.12
TCK12810	12			1907	1430	13.51	17.24		
TCK12810	13			2052	1539	14.63	18.36		
TCK12810	14			2197	1648	15.75	19.48		
TCK12810	15			2342	1756	16.87	20.60		
TCK12810	16			2487	1865	17.99	21.72		
TCK12810	17			2632	1974	19.11	22.84		
13.750				TCK13711	11	2036	1527	12.39	16.39
				TCK13712	12	3302	1652	13.51	17.51
		TCK13713	13	2369	1776	14.63	18.63		
		TCK13714	14	2535	1901	15.75	19.75		
		TCK13715	15	2701	2026	16.87	20.87		
		TCK13716	16	3868	2151	17.99	21.99		
		TCK13717	17	3034	2275	19.11	23.11		
		TCK13718	18	3200	2400	20.23	24.23		
		14.668		TCK14612	12	2521	1890	13.51	17.77
				TCK14613	13	2710	2032	14.63	18.89
TCK14614	14			2899	2174	15.75	20.01		
TCK14615	15			3089	2316	16.87	21.13		
TCK14616	16			3278	2458	17.99	22.25		
TCK14617	17			3467	2600	19.11	23.37		
TCK14618	18			3656	2742	20.23	24.49		
TCK14619	19			3846	2884	21.35	25.61		

平底钢板仓技术参数

Flat Bottom Steel Silo Technical Parameter

直径 Diameter (m)	项目 (project)	型号 Model	层数 Layer number	容积 Volume (m ³)	容量 Capacity (t)	仓筒高 Bunker height (m)	仓全高 Warehouse height (m)
15.584		TCK15513	13	3076	2307	14.63	19.18
		TCK15514	14	3290	2467	15.75	20.30
		TCK15515	15	3504	2628	16.87	21.42
		TCK15516	16	3717	2788	17.99	22.54
		TCK15517	17	3931	2948	19.11	23.66
		TCK15518	18	4145	3108	20.23	24.78
		TCK15519	19	4358	3268	21.35	25.90
		TCK15520	20	4572	3429	22.47	27.02
		16.500		TCK16514	14	3707	2780
TCK16515	15			3947	2960	16.87	21.38
TCK16516	16			4186	3139	17.99	22.50
TCK16517	17			4426	3319	19.11	23.62
TCK16518	18			4665	3499	20.23	24.74
TCK16519	19			4905	3678	21.35	25.86
TCK16520	20			5144	3858	22.47	26.98
TCK16521	21			6384	4038	23.59	28.10
17.418				TCK17414	14	4151	3113
		TCK17414	15	4418	3314	16.87	21.63
		TCK17414	16	4685	3514	17.99	22.75
		TCK17414	17	4952	3714	19.11	23.87
		TCK17414	18	5219	3914	20.23	24.99
		TCK17414	19	5486	4114	21.35	26.11
		TCK17414	20	5753	4314	22.47	27.23
		TCK17414	21	6019	4514	23.59	28.35
		18.334		TCK18314	14	4623	3467
TCK18314	15			4919	3689	16.87	21.88
TCK18314	16			5215	3911	17.99	23.00
TCK18314	17			5510	4133	19.11	24.12
TCK18314	18			5806	4354	20.23	25.24
TCK18314	19			6102	4576	21.35	26.36
TCK18314	20			6397	4798	22.47	27.48
TCK18314	21			6693	5020	23.59	28.60
19.251				TCK06405	5	203	152
		TCK06406	6	239	179	6.79	8.67
		TCK06407	7	275	206	7.91	9.79
		TCK06408	8	312	234	9.03	10.91
		TCK06409	9	348	261	10.15	12.03
		TCK06410	10	384	288	11.27	13.15
		TCK06411	11	420	315	12.39	14.27
		TCK06412	12	456	342	13.51	15.39
		20.168		TCK20115	15	6008	4506
TCK20116	16			6366	4774	17.99	23.50
TCK20117	17			6724	5043	19.11	24.62
TCK20118	18			7082	5311	20.23	25.74
TCK20119	19			7439	5579	21.35	26.86
TCK20120	20			7797	5848	22.47	27.98
TCK20121	21			8155	6116	23.59	29.10
TCK20122	22			8513	6385	24.71	30.22

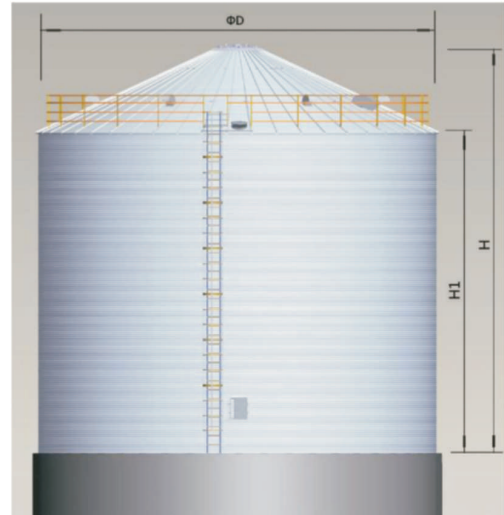
直径 Diameter (m)	项目 (project)	型号 Model	层数 Layer number	容积 Volume (m ³)	容量 Capacity (t)	仓筒高 Bunker height (m)	仓全高 Warehouse height (m)
21.084		TCK21015	15	6598	4948	16.87	22.63
		TCK21016	16	6989	5241	17.99	23.75
		TCK21017	17	7380	5535	19.11	24.87
		TCK21018	18	7771	5828	20.23	25.99
		TCK21019	19	8162	6121	21.35	27.11
		TCK21020	20	8553	6415	22.47	28.23
		TCK21021	21	8944	6708	23.59	29.35
		TCK21022	22	9395	7001	24.71	30.47
		22.000		TCK21015	15	7217	5413
TCK21016	16			7643	5732	17.99	24.00
TCK21017	17			8069	6052	19.11	25.12
TCK21018	18			8495	6371	20.23	26.24
TCK21019	19			8921	6690	21.35	27.36
TCK21020	20			9347	7010	22.47	28.48
TCK21021	21			9772	7329	23.59	29.60
TCK21022	22			10198	7648	24.71	30.72
22.918				TCK22915	15	7868	5901
		TCK22916	16	8330	6247	17.99	24.25
		TCK22917	17	8792	6594	19.11	25.37
		TCK22918	18	9254	6940	20.23	26.49
		TCK22919	19	9716	7287	21.35	27.61
		TCK22920	20	10178	7633	22.47	28.73
		TCK22921	21	10640	7980	23.59	29.85
		TCK22922	22	11102	8326	24.71	30.97
		23.835		TCK23815	15	8549	6412
TCK23816	16			9049	6787	17.99	24.50
TCK23817	17			9549	7161	19.11	25.62
TCK23818	18			10048	7536	20.23	26.74
TCK23819	19			10548	7911	21.35	27.86
TCK23820	20			11048	8286	22.47	28.98
TCK23821	21			11548	8661	23.59	30.10
TCK23822	22			12047	9035	24.71	31.22
24.751				TCK24715	15	9262	6946
		TCK24716	16	9801	7351	17.99	24.75
		TCK24717	17	10340	7755	19.11	25.87
		TCK24718	18	10879	8159	20.23	26.99
		TCK24719	19	11418	8563	21.35	28.11
		TCK24720	20	11957	8967	22.47	29.23
		TCK24721	21	12495	9371	23.59	30.35
		TCK24722	22	13034	9776	24.71	31.47
		25.668		TCK25615	15	10006	7505
TCK25616	16			10586	7939	17.99	25.00
TCK25617	17			11166	8374	19.11	26.12
TCK25618	18			11745	8809	20.23	27.24
TCK25619	19			12325	9243	21.35	28.36
TCK25620	20			12904	9678	22.47	29.48
TCK25621	21			13484	10113	23.59	30.60
TCK25622	22			14063	10547	24.71	31.72

平底钢板仓技术参数

Flat Bottom Steel Silo Technical Parameter

直径D (m)	项目 (project)	型号 Model	层数 Layer number	容积 V (m ³)	容量 C (t)	仓筒高 H1 (m)	仓全高 H (m)
26.585		TCK26515	15	10783	8087	16.87	24.13
		TCK26516	16	11405	8553	17.99	25.25
		TCK26517	17	12026	9002	19.11	26.37
		TCK26518	18	12648	9486	20.23	27.49
		TCK26519	19	13270	9952	21.35	28.61
		TCK26520	20	13891	10418	22.47	29.73
		TCK26521	21	14513	10885	23.59	30.85
		TCK26522	22	15135	11351	24.71	31.97
27.501		TCK27515	15	11592	8694	16.87	24.38
		TCK27516	16	12257	9193	17.99	25.50
		TCK27517	17	12922	9692	19.11	26.62
		TCK27518	18	13588	10191	20.23	27.74
		TCK27519	19	14253	10690	21.35	28.86
		TCK27520	20	14918	11189	22.47	29.98
		TCK27521	21	15584	11688	23.59	30.10
		TCK27522	22	16249	12187	24.71	31.22
28.418		TCK28416	16	13144	9858	17.99	25.75
		TCK28417	17	13854	10391	19.11	26.87
		TCK28418	18	14565	10923	20.23	27.99
		TCK28419	19	15275	11456	21.35	29.11
		TCK28420	20	15985	11989	22.47	30.23
		TCK28421	21	16696	12522	23.59	31.35
		TCK28422	22	17406	13055	24.71	32.47
		TCK28423	23	18117	13587	25.83	33.59
29.335		TCK28416	16	14065	10549	17.99	26.00
		TCK28417	17	14822	11116	19.11	27.12
		TCK28418	18	15579	11684	20.23	28.24
		TCK28419	19	16336	12252	21.35	29.36
		TCK28420	20	17093	12820	22.47	30.48
		TCK28421	21	17850	13387	23.59	31.60
		TCK28422	22	18607	13955	24.71	32.72
		TCK28423	23	19364	14523	25.83	33.84
30.252		TCK30216	16	15021	11266	17.99	26.25
		TCK30217	17	15826	11870	19.11	27.37
		TCK30218	18	16631	12473	20.23	28.49
		TCK30219	19	17436	13077	21.35	29.61
		TCK30220	20	18241	13681	22.47	30.73
		TCK30221	21	19046	14285	23.59	31.85
		TCK30222	22	19852	14889	24.71	32.97
		TCK30223	23	20657	15492	25.83	34.09
31.168		TCK31116	16	16103	12009	17.99	26.50
		TCK31117	17	16867	12650	19.11	27.62
		TCK31118	18	17722	13291	20.23	28.74
		TCK31119	19	18576	13932	21.35	29.86
		TCK31120	20	19431	14573	22.47	30.98
		TCK31121	21	20286	15214	23.59	32.10
		TCK31122	22	21140	15855	24.71	33.22
		TCK30223	23	21995	16496	25.83	34.34

直径D (m)	项目 (project)	型号 Model	层数 Layer number	容积 V (m ³)	容量 C (t)	仓筒高 H1 (m)	仓全高 H (m)
32.085		TCK32016	16	17040	12780	17.99	26.75
		TCK32017	17	17945	13459	19.11	27.87
		TCK32018	18	18851	14138	20.23	28.99
		TCK32019	19	19757	14817	21.35	30.11
		TCK32020	20	20662	15496	22.47	31.23
		TCK32021	21	21568	16176	23.59	32.35
		TCK32022	22	22473	16855	24.71	33.47
		TCK32023	23	23379	17534	25.83	34.59



平底钢板仓

- 仓顶角度30度;
- 仓容积为仓顶、仓筒容积总和;
- 容重按物理密度0.75吨/立方米计算。

Flat Bottom steel silo

- 30° Silo Roof;
- Silo volume is the sum of silo roof plus silo body;
- Capacity is calculated at 0.75t/m³ bulk density.

清粮筛 Grain Pre-cleaner



本机属于中小型清粮筛分机，用于清除谷稻中的叶、糠壳、石头及瘪粮等。也叫粮食振动筛。其除杂率达90%，每小时分选25-30吨，它具有结构简单、紧凑，移动方便，除尘除杂效率明显，能耗低，使用简单可靠等优点。

工作原理：粮食通过提升机送入料斗，然后进入筛网进行筛分，筛网为双层筛网，主要用于筛分出大颗粒的石头及杂质，筛分好的谷粒从筛网落入到筛槽，倾斜的筛槽将谷粒引入到风箱里，风箱里的风机将尘粒和不饱满谷粒分选出。

This machine belongs to small and medium-sized grain cleaning machine, it is used for removing the leaves, bran shell, stone and deflated grain from rice. It is also called grain vibrating screen. Its removal rate can reach to 90%, it sorts 25-30 tons per hour capacity, it has the following advantages: simple and compact structure, easy to move, high dust/impurity removal efficiency, low energy consumption, easy and reliable operation, etc.

Working principle: Grain will be input to the hopper through bucket elevator, then be screened by grain pre-cleaner, there are two screens inside, these screens are mainly used for sorting out the big particle stones and impurities from grain. After screening, the sieved good grain will fall into screen slot from the screens, and be brought into the bellows by gradient screen slot, bellows fans will sort dust particles and deflated grain



水稻



玉米



稻谷



小麦



大豆

锯末烘干机 Sawdust dryer



机器型号:

KB

产品介绍:

锯末烘干机是间接加热接触式烘干机，采用逆流烘干原理来实现烘干目的。我公司生产的锯末烘干机吸收了国内外同类产品的优点，并且加以改进融合，性能上有了大大的提高。

适用范围:

锯末烘干设备适用范围广，可应用于化工、轻工业、农业、食品业及饲料行业等小颗粒松散物料的烘干。例如轻工业中的酒糟、豆渣、谷物、锯末、果渣、石英砂、药渣等；化工行业中的小颗粒、粉状物料和无机类矿物质等物料；淀粉行业的玉米胚芽、玉米皮、玉米纤维（玉米渣）、蛋白粉等；饲料行业中的载体（麸皮、玉米碎粒、大豆渣粒等）、渔业方面的鱼、虾等下脚料等；油脂行业的油菜籽（非种子用等）。

工作原理

1、锯末烘干机主要由管束转子、两端轴承及轴承座、托辊、滚圈、齿轮组合、抄板及抄板梁、外壳、底座、圆柱齿轮减速机、电机等组成。

2、电机通过圆柱齿轮减速机和齿轮传动系统带动管束转子旋转，物料通过进料绞龙（或输送）从侧面进料口或至设备顶部落下进入机内，有装在管束外周的抄板把物料抄起的同时推动物料前进，直至从进料端推至出料端出料。

Machine type:

KB

Product introduce:

Sawdust dryer is a dryer by indirectly heating, and adopts counter current drying principle to achieve the purpose of drying. The Sawdust dryer by our company adopts domestic and overseas similar products' advantages, and improves its performance greatly.

Use range: Sawdust dryer is widely used for drying small particles of loose materials in chemical industry, light industry, agriculture, food industry, feed industry and other industries. For example, in light industry, it can dry brewer's grain, bean dregs, grain, sawdust, Marc, sand, slag and other drugs; In chemical industry, it can dry small particles, powdered materials and inorganic minerals and other materials; In starch industry, it can dry corn germ, corn bran, corn (maize) fibre, protein powder, etc; In feed industry, it can dry bran, corn pieces, bean dregs, etc; In fish industry, it can dry fodder of fish and shrimp; In oil industry, it can dry rapeseed (not as seeds). In breeding industry, it can dry chicken manure, pig manure, cow dung and others.

Working principle:

1. Sawdust dryer is mainly composed of pipes rotor, both ends of bearing, bearing pedestal, roller, roller ring, gear combination and shoveling plate, girder of shoveling plate, shell, pedestal, cylinder gear reducer, motor, etc.

2. Motor drive the tube rotor rotate through cylindrical gear reducer and gear rotate system. Materials from side inlet or up inlet enter into the dryer after the feeding screw or feeding belt conveyor. Many shoveling plates, which stalled outside of the heating pipes, grab and push the material forward from the inlet to outlet port.

技术参数:

规格 (mm)	转速 (r/min)	热管数量 (根)	处理量 (t/h)	传动电机 (kw)	风机 (kw)	重量 (T)
800	3-7	30-36	0.7-1.1	4	1.5+3	5.2
1000	3-7	38-43	1.3-2.8	5.5	1.5+3	7.2
1200	3-7	45-48	2.0-2.5	7.5	3+3	9
1500	3-7	48-54	3.0-4.0	11	3+3	14
1800	3-7	60-80	4.5-6.0	15	7.5+4	18.5
2000	3-7	80-110	6.5-8.0	18.5	7.5+7.5	22

Technical parameters

Model (mm)	Rotata speed (r/min)	Heat pipe quantity (pcs)	Capacity (t/h)	Driving motor (kw)	Draught fan (kw)	Weight (T)
800	3-7	30-36	0.7-1.1	4	1.5+3	5.2
1000	3-7	38-43	1.3-2.8	5.5	1.5+3	7.2
1200	3-7	45-48	2.0-2.5	7.5	3+3	9
1500	3-7	48-54	3.0-4.0	11	3+3	14
1800	3-7	60-80	4.5-6.0	15	7.5+4	18.5
2000	3-7	80-110	6.5-8.0	18.5	7.5+7.5	22

换风炉 Air exchange furnace



产品特点:

- 1、多燃料型节能环保热风炉。使用燃料来源广泛，经济实惠，使用成本低。
- 2、间接热风干燥，清洁的热风对谷物无污染。
- 3、独有变频控制系统，更加节能。

Product features

1. Multi-fuel energy-saving environmental stove. Wide range of fuel used, affordable, low cost of use.
2. Indirect hot air drying, clean hot air, no pollution grain.
3. A unique frequency control system, more energy efficient.

技术参数:

型号	5L-40	5L-60
额定发热量 (万千瓦/每小时)	< 40	< 60
输出热风温度 (℃)	≤100	≤100
供热方式	间接热风加热，自动控温	
点火方式	人工点火	
喂料方式	人工喂料/自动喂料 选配(燃糠)	
输出热风风量 (m ³ /h)	24000-36000	26000-48000
适用燃料	稻壳、柴、秸秆、无烟煤等	
热效率(%)	≥85	
整机质量(kg)	4200	5100
外形尺寸(mm) 长×宽×高	2600×1500×2050	3250×1650×2250
配套功率(kw)	2.2	2.2
安装装置	热继电器、自动恒温装置、热风温度传感器、过热保护装置、漏电保护装置、排烟、送风、控温自动同步	

上表数据仅供参考，实际数值会因外界气温、相对温度、燃料品质及燃料干湿度而有所差异

因产品技术不断改进，本公司更改后恕不另行通知

Technical parameters:

Model	5L-40	5L-60
Rated calorific (kcal/h)	< 40	< 60
Hot air output temp (℃)	≤100	≤100
Heating method	Hot air indirect drying, control temp automatically	
Ignition way	Manual ignition	
Feeding way	Manual/Automatic feeding(optional)	
Hot air output volume (/h)	24000-36000	26000-48000
Fuel	Rice husker, wood anthracite coal	
Heat efficient(%)	≥85	
Weight(kg)	4200	5100
Dimension (L×W×H)(mm)	2600×1500×2050	3250×1650×2250
Power(kw)	2.2	2.2
Safety Device	Thermal relay, automatic the stat. hot air temperature sensor, overheat protection device, leakage protection device, exhaust, air supply, temperature control automatically synchronized	

Note: The above data is only for reference, the actual value will vary with the outside temperature, relative temperature, fuel quality and fuel humidity

No further notice from the company due to the continuous improvement of product technology

PROUDUCY DISPLAY

产品展示



玉米烘干机
CORN/MAIZE DRYING DRYER



水稻烘干机
RICE DRYING DRYER



双提升式自流式烘干机
DOUBLE-ELEVATOR
SELF-FLOW DRYER



生物质节能稻壳炉
ENERGY-SAVING RICE HULL
FURNACE WITH BIOMASS



热风炉
HOT AIR STOVE



管束式烘干机
PIPE DRYER



提升机
BUCKET ELEVATOR



脱粒机
GRAIN THRESHER



悬浮炉
SUSPENSION FURNACE



清粮筛
GRAIN PRE-CLEANER



煤气发生炉
GASIFIER



计量打包机
Metering baler



燃烧机
BURNER



皮带输送机
BELT CONVEYOR



生物质颗粒机
BIOMASS PELLET MACHINE

SUCCESS STORIES

成功案例



江苏盐城
Yancheng City, Jiangsu Province



吉林船营区
Chuanying Area, Jilin Province



黑龙江哈尔滨
Haerbin City, Heilongjiang Province



辽宁本溪
Benxi City, Liaoning Province



湖北襄阳
Xiangyang City, Hubei Province



吉林四平
Siping City, Jilin Province



河北保定
Baoding City, Hebei Province



山西晋城
Jincheng City, Shanxi Province



陕西汉中
Hanzhong City, Shanxi Province



陕西渭南
Weinan City, Shanxi Province

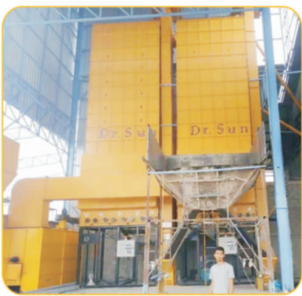


黑龙江绥化
Suihua City, Heilongjiang Province



辽宁铁岭
Tieling City, Liaoning Province

设备安装现场 Equipment working sites



泰国粮食烘干机
Grain dryer exported to Thailand



尼泊尔小麦烘干机
Wheat dryer exported to Nepal



韩国水稻烘干机
Rice dryer exported to South Korea



美国玉米烘干机
Corn dryer exported to America



菲律宾粮仓
Grain Silo exported to Philippines



尼日利亚粮仓
Grain Silo exported to Nigeria



比利时豆渣烘干机
Bean dryer exported to Belgium



泰国锯末烘干机
Sawdust dryer exported to Thailand



HAOKEBANG CHRONICLE

昊科邦记事



HAOKEBANG



OUR SERVICE

我们的服务

河南昊科邦机械坚信“天道酬勤，商道酬信”的经营理念，对设备的质量严格把关提供精细化的售前、售中、售后服务。

售前：

- 1、设备型号的选择。
- 2、根据客户的特殊要求，设计制造产品。
- 3、为客户培训技术人员。
- 4、公司免费派工程技术人员到用户现场为用户规划场地、设计最佳流程和方案。

售中：

- 1、产品的验收。
- 2、协助客户拟订施工方案。

售后：

- 1、免费指派专门的售后服务人员，到达现场指导客户安装调试。
- 2、设备安装调试。
- 3、现场培训操作人员。
- 4、成套设备安装完毕后，专职技术人员免费协助客户现场顺利生产，直到用户满意为止。

关于售后：

自项目竣工合格之日起，我公司将定期主动对用户进行回访，间隔时间不超过6个月，回访方式为走访或者远程联络；

在接到用户的来访、来电、传真、电子邮件时，在两个小时之内快速响应用户，并且将有关信息针对用户建立售后服务档案，待售后服务工作完成后存档到计划经营部项目合同的档案中；

跟踪用户在使用设备时的情况，知道用户日常维护及正常操作，收集运行信息，以便于及早的发现和排除故障、隐患问题，同时也能在设备出现故障时能够实现准确分析快速解决；

当设备发生故障时，我公司的售后服务负责人会立即组织人员进行售后服务，本市之内，两小时内到达现场，非本地区者，根据具体情况四十八小时之内达到现场为用户解除故障。

服务宗旨： 高质高效、耐心热心、周密周到——直到解决问题、直到用户满意。

服务目标： 服务质量赢得用户满意。

服务效率： 保修期内或保修期外如设备出现故障，供方在接到通知后，维修人员在24小时内到达现场并开始维修。

Technical services:

1. Design the solutions According to buyer's requirement.
2. After receiving the deposit,the seller shall provide related technical documents for equipment installation,in addition to those with special requirements.

After-Sales Service:

3. During the installation and commissioning,the seller shall send technician to the site for instruction of installation and commissioning,and for training of workers.

4. The buyer shall afford the visa fees,traveling expense(including the expense of airline ticket,train ticket,board and lodging);the buyer shall pay the service fee of USD 120/day/person.The buyer also need to get a Chinese translator to help engineer communication in your area.

5. If there is any equipment failure caused by the buyer,the seller shall assist the maintenance of machines and replacement of fittings,and charges appropriate fees.

6. Beyond the guarantee period,the seller can provide services and fittings at a most preferential price.

7. The seller can provide consultation and inspection services freely of other products,especially for the up-stream and down-stream products of our equipment.



诚信 · 优质 · 高效 · 严谨



24小时服务热线: 0391-6532688

手机: 13849038652 (中) +86-13598071775 (En)

公司传真: 0391-6532688

企业邮箱: hyjx@hyjxzzc.com

地址: 河南省焦作市温县黄河街道盐东村吉祥路北

Add: Huanghe Street, Wwexian, Jiaozuo City, Henan Province

<http://www.hyjxzzc.com> (中)

<http://www.hyjx-machine.com> (En)