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BOSIDA TECHNOLOGY

BOSIDA STARCH TECHNOLOGY CO.,LTD.

内蒙古博思达科技有限公司



创新赢得未来

Innovation wins the future



总经理致辞

亲爱的朋友：

您好！新版的博思达产品手册又和大家见面了，满怀希望和梦想，我们又重新上路了！回顾博思达近三十年来的成长和发展历程，我们经历了太多成功的喜悦和失败的痛苦，感谢多年来曾经给予我们无数帮助、支持和厚爱的业界同仁及新老朋友！

作为企业，我们不仅仅提供产品，还提供整体解决方案和优质的服务；我们深信产品是可以花钱购买的，但是良好的合作和沟通是需要用心去赢得的；我们坚信创新是企业生存和发展的不竭动力，我们始终把“节能减排和提高产品的安全性和可靠性作为我们技术进步的方向。”

作为企业公民，我们始终牢记履行社会责任、坚持技术进步和保护环境协调发展，“发扬团队精神、尊重个人价值”；坚持“技术为王、品质制胜”的经营理念，坚持以客户为中心、以诚相待；专业专注更专心，精心打造具有国际一流水准的淀粉生产线，努力成为国际著名的淀粉机械专业供应商！

总经理：马斌

General Manager Speech

Dear friends:

The new edition of BOSIDA products manual meets you again. We are keeping on the road of development with full hope and dream. Reviewing the growth and the development of our corporation, we experienced too much pain of the failure and also too much joy of the success during the past nearly 30 years. Here thanks all our friends in the same field who have given us the countless help, support and great kindness over the years.

As a conscientious enterprise, we not only offer the products, but also provide the overall solutions and the high-quality services. We believe that, although the products can be bought, but the good cooperation and the communication must be gained sincerely. We believe the innovation is the inexhaustible motivation of the survival and the further development for the enterprise. And our product technological process direction would always be the energy saving, the emission reduction, the safety improvement and the reliability.

As the members of the enterprise, we will coordinate our social responsibility, the technical progress with the protection of environment. With the principle of teamwork, we respect the personal value, and still insist on the operation philosophy to be “King of technology, winner for quality”. We always sincerely treat our customers as the center in our mind. With the attitude of profession and concentration, we are working hard to make the whole starch production line with international top quality. Then we would do our best to be the international, famous and professional supplier of the starch machinery.

General Manager : *Ma Bin*



BOSIDA TECHNOLOGY

我们的核心价值观：“履行社会责任 发扬团队精神 尊重个人价值”

Our core values: the social responsibilities fulfillment, the teamwork development, and the individual value's respect.

企业简介 >

博思达成立于2000年3月，是一家长期专门从事马铃薯、木薯、红薯、玉米、小麦及其它谷（米）类淀粉及变性淀粉工程项目承包、成套设备制造、淀粉及变性淀粉加工新技术开发的专业性公司。公司位于呼和浩特市国家级经济开发区如意南区，厂区占地面积46,000m²、生产车间近10,000m²，拥有国内外同行业一流的硬件设施和技术装备。

公司拥有自营进出口权，在同行业率先通过了ISO9001:2000质量体系认证，多项产品荣获了国家专利局颁发的实用新型、外观设计及发明专利。公司团队由多学科专业设计人才、各类技术过硬的专业技术师、有丰富项目经验的管理人才构成；公司拥有先进的产品设计及数据通讯系统、有完整的零部件加工及组装车间。

近年来，我们独立设计、制造过100多条大中型淀粉生产线，产品遍及国内并出口到中东、欧洲及东南亚各国。我们开发研制的现场总线式PLC计算机控制系统已全面取代模拟屏技术，工艺设备及过程控制已实现和西欧技术同步发展。

展望未来，任重道远；博思达始终坚持国际化的市场和品牌理念；以人为本、自强不息；心系梦想、追求卓越；专业专注做好每一件事，力争用最好的产品和服务答谢用户和社会！

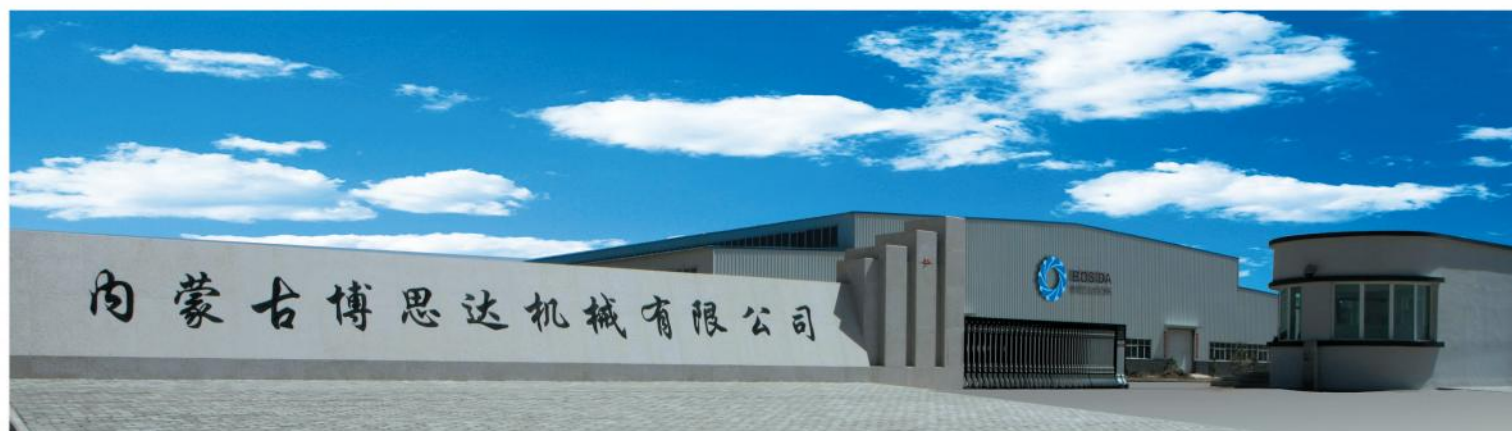
The Corporation Introduction

BOSIDA Technology Co., Ltd. was established in March 2000. Our company which mainly specializes in starch machinery production operates the range which covers starch production projects, the complete production line and the technical solutions about starch that is made of potato, tapioca, sweet potato, wheat and other grain(rice).The company is located at the south of Ruyi economic development zone in Hohhot, Inner Mongolia Autonomous Region, China. The total factory site is covering an area of 46,000 m². And the workshop area covers about 10,000m². We have the top-ranking facilities and technical equipment among the domestic and overseas starch industry.

The company is authorized the right of self-management import and export. And we got the quality certification system ISO9001:2000 as the lead of the starch industry. Numbers of products were patented in appearance design and utility model from the National Patent Office. The team is composed of the professional multi-disciplinary designers, the professional technicians and the rich-experienced managers in projects. Now we hold the advanced production design and the data communication system. And we have the complete workshop for the processing and composing of the components.

In recent years, we have designed and manufactured over 100 sets of the large-sized and medium-sized starch production lines independently. And the products were sold in the domestic market and exported to many countries in the Middle East, Europe and Southeast Asia. And our designed PLC computer control system whose technology and controlling ability have reached the West European level, and it has already replaced the simulation technique entirely.

Looking forward to the future, BOSIDA would always focus on the international market and keep the brand concept. We adhere to the principle of people-oriented, self-improvement, concerning our dream and striving for excellence. We also concentrate on every single thing to try our best to reciprocate our customers and the society with our best products and services.





BOSIDA TECHNOLOGY

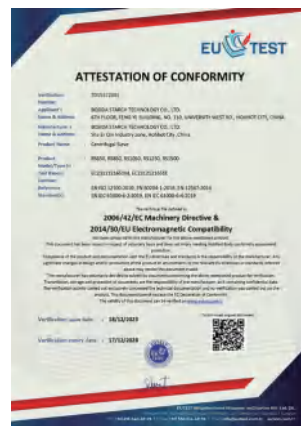
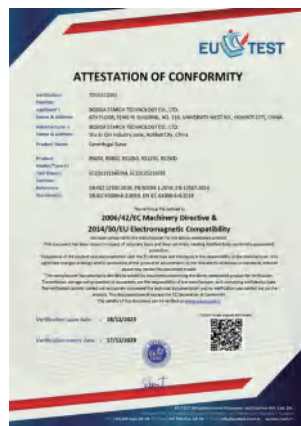
我们的目标和愿景：“成为全球著名的淀粉机械专业供应商”
Our goal and prospect: To be the international famous professional starch machinery supplier.

资质荣誉 >

我们对曾经的辉煌和教训有举一反三的总结，对历史的把握汇聚并非一味的模仿或抛弃而是取其精华去其糟粕，将近30年企业文化中值得流传的东西融汇现代理念，道出全新的精品观念，脚踏实地稳中进取。回顾博思达的发展历程，能成就今日之欣欣向荣局势，博思达人每一步都走的稳健扎实，曾经的辉煌只是曾经的精彩，今日是辉煌的起点，未来才是真正的辉煌。

Qualified Certification

We have summarized the past of shining success and painful lessons by analogy. The way we treat our history not only imitating nor discarding, but to select the essence and abandon the dross. We integrated enterprise culture which is worth to hand down with modern ideas into new concept, which helps our enterprise process steadily. Looking backwards BOSIDA's development history, BOSIDA could get the flourishing status all because of that BOSIDA staff works step by step steadily. All achievement stays in past, today is the starting point of the refulgence, and the future will truly be more glorious.





BOSIDA TECHNOLOGY

我们的十六字方针：“理解宽容 平等尊重 高效创新 持续发展”

Our company policy: understanding and toleration, equality and respect, high-efficiency and innovation, for sustainable development.



公司团队 >

我们是一支朝气蓬勃、团结向上的年轻团队。

我们拥有多名技术过硬、熟悉行业特点的专业资深设计师、工程师，若干高学历、高素质并积累了多年实践经验的管理类人才。

回顾历史，我们收获了很多，展望未来，我们依然满怀信心，我们将继续秉承“以人为本、共同发展”的理念，增强团队凝聚力、创造力，紧随时代步伐，再创佳绩。



Team Work

The personnel are vibrant, united and active.

We have many professional senior designers and engineers with the excellent technique who are familiar with the industry features. And we also have many high-educated talented managers who have practical experience for years.

Looking backwards, we gained a lot. Now we are still confident forward to keep our concept of people-oriented and mutual improvement. We are going to enhance the group cohesiveness and creativeness, to keep up with the times, and to reach a new height.

员工天地 >

为了提高员工素质，打造现代企业团队，公司除开展内部培训外，还经常参加各类培训机构组织的技术类、管理类培训，通过这些培训，增强了员工对企业的归宿感和主人翁责任感，增强了企业竞争优势，保持企业永续经营的生命力。

为了营造和谐快乐、积极向上的企业氛围，公司多次组织各类健康向上的文体活动，通过这些活动，凝聚了人心，鼓舞了干劲。公司还积极改善员工工作、生活环境，使员工以健康饱满的身心投入工作中，在实现企业目标、愿景的同时，也实现了自己的人生价值。



Staff World

Besides the internal training, the company still offers the staff the opportunity to attend the training organized by institutions in technique and management fields in order to improve the staff quality and modernize the team. By these training, the staff strengthened the belongingness to the enterprise and the host responsibility. At the same time the company strengthened the self-competition advantages and maintained the sustainable managing vitality of the enterprise.

In order to build a harmonious, happy and positive atmosphere in enterprise, the company has organized kinds of sports and recreational activities for many times. These activities integrated the staff tightly, and make them full of motivation. The company also improves actively the working and living environment of staff in order to make the personnel work with health both on body and mind.

When the company fulfills the goal and vision, the staff fulfills the personal values at the same time.



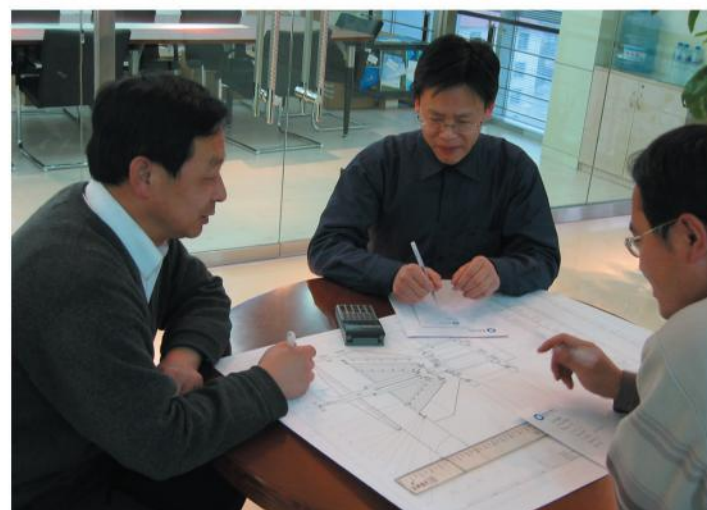
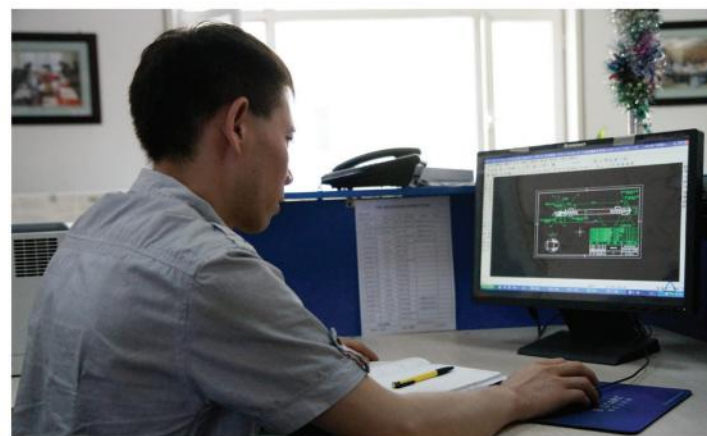
BOSIDA TECHNOLOGY

我们的经营理念：“技术为王 品质致胜”

Our management idea: King of technology, winner for quality.

研发与生产 >

创新是企业生存和发展的源动力，是博思达企业文化的精神基石；
雄厚的研发实力、高效的创新机制、科学有效的生产管理模式；
整洁有序的作业环境、先进齐全的加工设备；
科学严格的品控及检测手段；
这些都为产品质量和用户满意度提供了有力保证。



- ▲ 2010年第五届上海国际淀粉展览会上，公司总经理马斌同越南客户进行技术交流。
- ▲ 我公司自主研发的、2010年荣获科技部“创新基金”的“大型马铃薯淀粉加工成套设备”成果鉴定会现场。
- ▶ 公司研发人员在为客户提供技术资料。
- ▶ 公司总经理马斌在同技术人员讨论新产品的研发问题。

Research and Development

Innovation, the spirit of BOSIDA enterprise, could make the enterprise full of motivation for existence and further development. We pledge to the products quality and the customers' satisfaction with the following conditions:

- Strong research capability, efficient innovation system and scientific and effective producing management.
- Clean and well-organized workshop and advanced processing equipment.
- Strict and scientific methods of the production control and inspection.





BOSIDA TECHNOLOGY

工程业绩 >

近年来，由博思达提供的生产线已在国内外100多家大中型淀粉厂正常运转，如今，博思达已发展成为国内为数不多的能独立提供每小时处理10-90吨鲜薯、带PLC计算机集中控制系统的大型成套设备供应商，产品遍及国内并出口中东、欧洲及东南亚国家，我们在淀粉加工领域已取得了良好的业绩。



我们服务过的主要用户有：

湖南尔康湘利来化工有限公司-坦桑尼亚项目:日产50吨红薯淀粉生产线（成套设备）
湖南尔康制药有限公司-柬埔寨项目:日产150吨木薯淀粉生产线（成套设备）
佛山广济贸易有限公司-老挝项目:日产300吨木薯淀粉生产线（成套设备）
LS贸易进出口有限公司:日产300吨木薯淀粉生产线（2条/成套设备）
玉溪鸿沅农业科技有限公司-老挝项目:日产300吨木薯淀粉生产线（成套设备）
内蒙古奈伦集团集宁淀粉公司:日处理2000吨马铃薯（配套设备）
内蒙古民大薯业有限公司:每小时30吨马铃薯淀粉生产线（配套设备）
内蒙古太仆寺旗鑫海淀粉有限公司:每小时35吨马铃薯全自动淀粉生产线（成套设备）
乌兰察布天成淀粉厂:每小时20吨马铃薯全自动淀粉生产线（成套设备）
乌兰察布铁骑淀粉有限公司:每小时35吨马铃薯全自动淀粉生产线（成套设备）
乌兰察布市兴和县明兴淀粉厂:每小时35吨马铃薯全自动淀粉生产线（成套设备）
化德县德荣薯业:每小时35吨马铃薯淀粉生产线（配套设备）
赤峰爱农淀粉有限公司:日处理量500吨马铃薯（配套设备）
赤峰蒙森淀粉有限公司:日处理量500吨马铃薯（配套设备）
山西五寨双喜淀粉有限公司:日处理500吨马铃薯（2条/成套设备）
山西华珍食品有限公司:日处理500吨马铃薯（成套设备）
山西雪龙淀粉有限公司:日处理800吨马铃薯（配套设备）
山西百禾淀粉有限公司:日处理500吨马铃薯（成套设备）
甘肃腾胜淀粉有限公司:日处理800吨马铃薯（配套设备）
甘肃晨雪淀粉有限公司:日处理500吨马铃薯（配套设备）
甘肃祁连雪淀粉有限公司:日处理500吨马铃薯（配套设备）
甘肃海盛淀粉有限公司:日处理500吨马铃薯（配套设备）
甘肃天水轩轺淀粉有限公司:日处理500吨马铃薯（成套设备）
新疆祥瑞淀粉有限公司:日处理量800吨马铃薯（成套设备）
河北围场泓辉淀粉有限公司:日处理量500吨马铃薯（配套设备）
河北围场斌发淀粉有限公司:日处理量800吨马铃薯（成套设备）
河北中薯食品集团股份有限公司:每小时50吨红薯全自动淀粉生产线（成套设备）
河北富鑫淀粉有限公司:日处理量800吨马铃薯（成套设备）
唐山长源薯业有限公司:每小时50吨红薯全自动淀粉生产线（成套设备）
张家口市张北晶润农业开发有限公司:每小时60吨马铃薯全自动淀粉生产线（成套设备）
河南中鹤集团:日产150吨小麦淀粉（配套设备）
河南永昌飞天淀粉糖有限公司:日产150吨小麦淀粉设备（配套设备）
黑龙江嵩天集团有限公司:日处理量1500吨马铃薯（2条/配套设备）
黑龙江冰花淀粉有限公司:日处理800吨马铃薯（成套设备）
山西京奥农业科技有限公司:日处理量800吨马铃薯（成套设备）
贵州玖圣农业科技有限公司:日处理量800吨马铃薯（成套设备）
山东江口生物科技有限公司:日产150吨小麦淀粉（配套设备）
聊城绿丰生物科技有限公司:日产150吨小麦淀粉（配套设备）
白俄罗斯项目:日处理量800吨马铃薯（2条/成套设备）
印度项目:每小时10吨马铃薯全自动淀粉生产线（成套设备）
印度项目:每小时10吨木薯全自动淀粉生产线（成套设备）
印度项目:每小时10吨红薯全自动淀粉生产线（成套设备）
印度项目:木薯淀粉（配套设备）
伊朗项目:小麦淀粉（配套设备）
越南项目:木薯淀粉（配套设备）
波兰项目:马铃薯淀粉（配套设备）
加纳项目:日产200吨木薯淀粉设备（成套设备）

我们的产品：“精心打造具有国际一流水准的淀粉生产线”

Our products: to reach the top class of international standard in starch production line.

The Corporation Performance

In recent years, BOSIDA has offered well operated production lines for more than 100 large and medium size starch factories at home and abroad.

Now BOSIDA has become one of the few suppliers who could independently offer the whole set of equipment which affords to process 10 to 90 tons fresh potatoes per hour with PLC computer controlling system. Our products have sold all over China and exported to the Middle East, Europe and Southeast Asia. Now we had made the outstanding achievement in the starch processing field.

International Projects

Hunan Erkang Xianglilai Chemical Co., Ltd.: 50 tons/day sweet potato starch Tanzania
Hunan Erkang Pharmaceutical Co., Ltd.: 150 tons/day cassava starch Cambodia
LS Trading Import and Export Co., Ltd.: 300 tons/day cassava starch Laos
Yuxi Hongyuan Agricultural Technology Co., Ltd.: 300 tons/day cassava starch Laos
Foshan Guangji Trading Co., Ltd.: 300 tons/day cassava starch Laos
Sahayont Energy Co.,Ltd:200 tons/day tapioca starch Thailand
Agrum foods india pvt. Ltd.: 10 tons/hour potato starch India
Stagot Potato Project LLP: 10 tons/hour potato starch India
SVM Cassava Private Limited: 10 tons/hour cassava starch India
Nourish Inc.: 10 tons/hour sweet potato starch India
Burckner process technologies:Key equipment for cassava starch production line India
Varalakshmi Starch Industries(P) Ltd.:Rasper and Centrifugal sieve India
Varalakshmi Starch Industries (P) Ltd.:Key equipment for cassava starch production line India
Fococev Vietnam Joint Stock Company:Rotating drum of Rasper Vietnam
Fococev Foodstuff And Investment Company Limited:300 tons/day tapioca starch Vietnam
Fococev Foodstuff And Investment Company Limited:200 tons/day tapioca starch Vietnam
Fococev Foodstuff And Investment Company Limited:150 tons/day tapioca starch Vietnam
Supercare Group Limited:200 tons/day tapioca starch Ghana
Novaya Drut Co.,Ltd: 5 tons potato /hour potato starch Belarus
Arta Kimiyaye Dashte Sabalan Co.:Vacuum filter and Centrifuge sieve Iran
Przedsiębiorstwo Przemysłu Ziemniaczanego Trzemeszno SP. Z O.O.:Vacuum filter Poland
MYSAK GROUP SP. Z O. O.:Vacuum filter Poland
"NOWAMYŁ" S.A.:Vacuum filter Poland
Amelo Sp. Z O. O.:Centrifugal sieve unit and vacuum filter Poland
"ZETPEZET" Sp. Z O. O.:Vacuum filter Poland
WPPZ Potato project:Vacuum filter Poland



Domestic Projects

Inner Mongolia Nai Lun Group Jining Starch Company: daily processing of 2,000 tons of potatoes
Inner Mongolia Minda Potato Industry Co., Ltd.: 30 tons/hour potato starch
Inner Mongolia Taipusi Banner Xinhai Starch Co., Ltd.: 35 tons/hour potato starch
Ulanqab Tiancheng Starch Factory: 20 tons/hour potato starch
Ulanqab Tieqi Starch Co., Ltd.: 35 tons/hour potato starch
Ulanqab Xinghe County Mingxing Starch Factory: 35 tons/hour potato starch
Huade County Derong Potato Industry: 35 tons/hour potato starch
Chifeng Ainong Starch Co., Ltd.: daily processing capacity 500 tons of potatoes
Chifeng Mengsen Starch Co., Ltd.: daily processing capacity of 500 tons of potatoes
Shanxi Wuzhai Shuangxi Starch Co., Ltd.: daily processing of 500 tons of potatoes
Shanxi Huazhen Food Co., Ltd.: daily processing of 500 tons of potatoes
Shanxi Xuelong Starch Co., Ltd.: daily processing of 800 tons of potatoes
Shanxi Baihe Starch Co., Ltd.: daily processing of 500 tons of potatoes
Gansu Tengsheng Starch Co., Ltd.: daily processing of 800 tons of potatoes
Gansu Chenxue Starch Co., Ltd.: daily processing of 500 tons of potatoes
Gansu Qilianxue Starch Co., Ltd.: daily processing of 500 tons of potatoes
Gansu Haisheng Starch Co., Ltd.: daily processing of 500 tons of potatoes
Gansu Tianshui Xuanyuan Starch Co., Ltd.: daily processing of 500 tons of potatoes
Xinjiang Xiangrui Starch Co., Ltd.: daily processing of 800 tons of potatoes
Hebei Weichang Honghui Starch Co., Ltd.:daily processing of 500 tons of potatoes
Hebei Weichang Binfu Starch Co., Ltd.: daily processing of 800 tons of potatoes
Hebei Zhongshu Food Group Co., Ltd.: 50 tons/hour sweet potato starch
Hebei Fuxin Starch Co., Ltd.:daily processing of 800 tons of potatoes
Tangshan Changyuan Potato Industry Co., Ltd.: 50 tons/hour sweet potato starch
Zhangjiakou Zhangbei Jingrun Agricultural Development Co., Ltd.: 60 tons/hour potato starch
Henan Zhonghe Group: 150 tons/day wheat starch
Henan Yongchang Feitian Starch Sugar Co., Ltd.: 150 tons/day wheat starch machines
Heilongjiang Songtian Group Co., Ltd.: daily processing of 1,500 tons of potatoes
Heilongjiang Binghua Starch Co., Ltd.: daily processing of 800 tons of potatoes
Shanxi Jingao Agricultural Technology Co., Ltd.: daily processing of 800 tons of potatoes
Guizhou Jiusheng Agricultural Technology Co., Ltd.: daily processing of 800 tons of potatoes
Shandong Jiangkou Biotechnology Co., Ltd.: 150 tons/day wheat starch
Liaocheng Lvfang Biotechnology Co., Ltd.: 150 tons/day wheat starch

我们的服务：“以客户为中心、最大程度满足客户需求”

Our service: to be customer-centric and try our best to meet the requirements of customer.

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西门子PLC



太原钢铁



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估缔纳士真空泵



科隆流量计



SKF轴承



皖南电机



盖茨皮带



施耐德电气



斯派莎克调节阀



阿伐拉伐



基伊埃



凯士比泵



三肯变频器



耐驰泵



肯特流量计



苏尔寿泵



萨姆森控制阀



威图控制柜

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RU 系列超级铰磨机 . BOSIDA

RU Series Super Rasper

◆用途：
马铃薯、木薯、红薯、魔芋及其它块茎类物料组织细胞的超精细破碎。

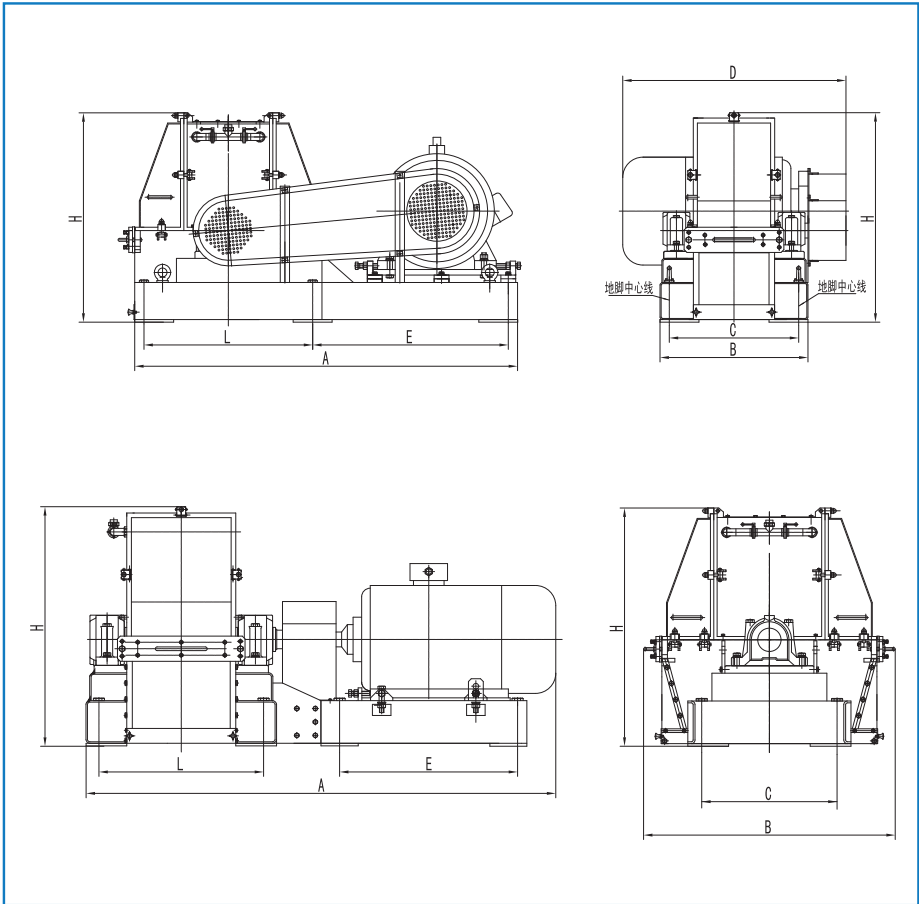
◆结构特点：
全不锈钢结构、直联式无传送带损耗；
转鼓直径大、刀片分布数量多，更换周期长；
粉碎路径长、时间短、细纤维少，细胞组织破碎彻底、淀粉游离率高达 98% 以上；
带有两个刀座，转鼓能够双向旋转，可极大的提高刀片的使用寿命；
转鼓表面特制的燕尾槽结构，更换刀片无需专用工具，快捷方便；
原装 SKF 轴承 / 轴承座、标配 ABB 或皖南电机，震动轻、噪音小、使用寿命长。

◆Uses:
Ultra-fine crushing of the organization cells of potato, tapioca, sweet potato, konjak and other tuberous material.

◆Design features:
-Wide stainless steel structure and direct-attached design without conveyor belt. It can save the loss of consumption which is caused by the conveyor belt.
-Large diameter of rotary drum with a large number of blades to shorten replacement period.
-Long grinding track in short time with few fine fibers and complete crushing of the cells organization with the starch dissociation rate over 98%.
-The rotary drum is designed in two-way rotation with two blades holders, which could extend the service life of the blades.
-There is a special structure of swallowtail grooves on the surface of the rotary drum, which makes the blades can be replaced quickly and conveniently without special tools.
-With the SKF bearings and bearing pedestals, also together with the standard motor of ABB or Wan Nan, the noise and the vibration could be controlled much lighter in order to make the service life longer.

◆性能参数：
Performance Parameters

规格型号 Models	转速 (r.p.m) Rotary speed	电机功率 (kw) Motor Power	处理量 Processing Capacity			净重 (kg) Net Weight
			吨马铃薯 (ton Potato)/h	吨木薯 (ton Cassava)/h	吨红薯 (ton Sweet potato)/h	
RU650/300	2100	30-45	5-10	3.5-7.0	3.5-7.0	1980-2000
RU850/350	2100	90-110	15-20	10-15	10-15	2360-2700
RU1000/400	1480	160-200	25-30	18-22	18-22	3300-3340
RU1000/500	1480	200-250	35-40	25-28	25-28	4040-4890
RU1000/600	1480	250-315	45-50	32-36	32-36	4260-4900
RU1000/800	1480	355-450	55-60	38-45	38-45	6100-6200



◆主要外形尺寸：
Main size of outside

规格型号 Models	A	B	C	D	E	L	H	n-d
RU650/300	1665	728	628	865	850	710	900	6-φ26
RU850/350	2065	798	698	1204	1055	910	1130	6-φ26
RU1000/400	2350	1440	770	—	960	808	1430	8-φ32
RU1000/500	2550	1440	770	—	960	908	1430	8-φ32
RU1000/600	2850	1440	820	—	1120	1008	1430	8-φ32
RU1000/800	3100	1440	830	—	1260	1248	1430	8-φ40



RS 系列高效离心筛 . **BOSIDA**

RS Series Hi-efficiency Centrifugal Sieve

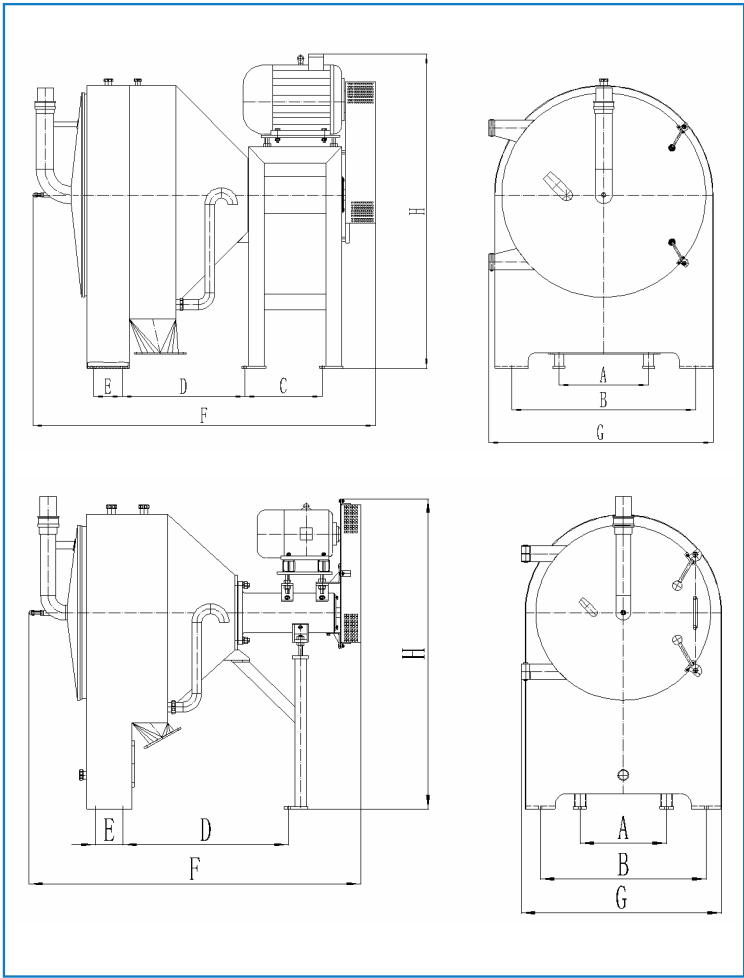
◆用途：
马铃薯、木薯、红薯、小麦及其它谷（米）类淀粉加工过程的渣浆分离。

◆结构特点：
独特的内外清洗喷嘴，有效防止筛面堵塞、保证设备长期连续运转；
特制的网片及筛兰特殊的布孔方式，提取效率高达 99% 以上；
传动箱特殊的密封结构，保证筛兰与卸料室之间的理想密封；
原装 SKF 双端面密封轴承，整个生产过程无需额外润滑；
筛兰特殊的制作工艺，同主轴良好的配合确保整机震动轻、噪音小；
随机配置专用纤维泵和消沫泵，加工过程泡沫小、处理量大。

- ◆Uses:
To separate the dreg from the slurry in the processing of starch made from potato, tapioca, sweet potato, wheat and other grain (rice).
- ◆Design features:
- The unique internal and external cleaning nozzles can prevent the sieve surface from jamming, which makes sure the equipment to operate continuously for long term.
 - The special tailor-made arrangement of the holes on the mesh and sieve could increase the productivity up to 99% and even more.
 - The special seal structure of transmission box provides the ideal sealing condition between the sieve and discharging chamber.
 - The whole producing progress doesn’ t need the extra lubrication with the original double-sides SKF seal bearings.
 - The main shaft coordinates well with the sieve in special technique, to ensure the whole machine in light vibration and low noise.
 - The special fiber pump and de-foaming pump result in the small foam and large capacity.

◆性能参数：
Performance Parameters

规格型号 Models	主轴转速 (r.p.m) Mainshaft rotary speed	电机功率 (kw) Motor Power	处理量 (m3/h) Processing Capacity	净重 (kg) Net Weight
RS650	1200	7.5-11	5-15	810-850
RS850	1200	15-30	20-35	1025-1200
RS1050	1050	30-55	35-50	1250-1340
RS1250	850	37-75	50-60	1750-1840
RS1500	740	45-90	60-80	2350-2680



◆主要外形尺寸：
Main size of outside

规格型号 Models	A	B	C	D	E	F	G	H
RS650	440	845	—	845	140	1690	1020	1580
RS850	600	1070	—	980	180	1900	1270	1960
RS1050	580	1200	495	795	195	2280	1430	2300
RS1250	670	1380	580	920	216	2575	1680	2360
RS1500	820	1590	670	1100	245	2930	1920	2570



HC系列浓缩（洗涤）旋流站 . BOSIDA

HC Series Hydrocyclone

◆用途：

马铃薯、木薯、红薯、玉米、小麦及其它谷（米）类淀粉及变性淀粉的连续分离、浓缩和洗涤；
其它食品、化工行业悬浮液的澄清和洗涤。

◆结构特点：

整个旋流站的外壳及管板均由 304 不锈钢制成，锥体由耐磨的工程塑料制成；
整个系统的密封只用了 3 个 O 型圈，铰链连接的快开门和快速复位旋流管座，可非常方便的通过前开门的关闭来实现，无需任何工具和装置；
卫生级管路阀门、系统全封闭运行，CIP 清洗方便、细菌不易生长；
手动操作点少、工作压力稳定，可实现 PID 或 PLC 集中控制；
整机震动轻、噪音小，连续分离、高效、稳定、低水耗。

◆Uses:

-The continuous separation, concentration and washing of the starch and the modified starch made from potato, tapioca, sweet potato, wheat and other grain (rice).
-The clarification and washing of the suspension in other food and chemical industry.

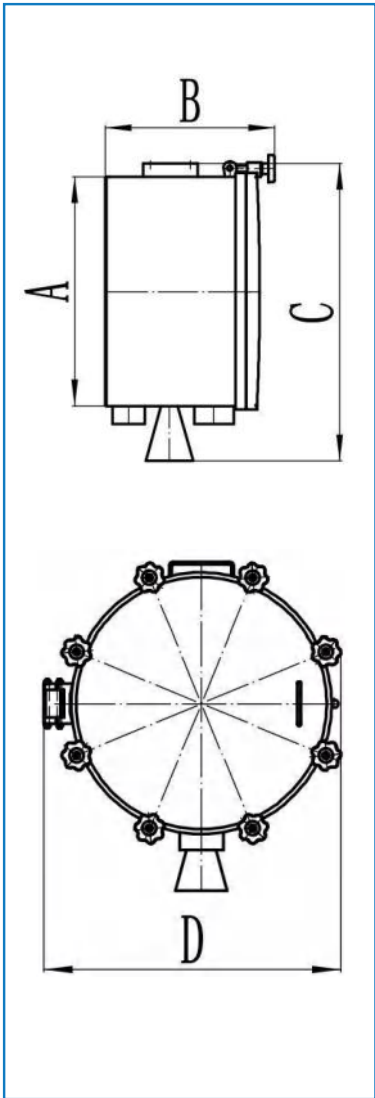
◆Design features:

-The shell and tube of the whole hydrocyclone are made of 304 stainless steel, and the cone is made of the wear-resistant engineering plastic.
-The seal of the entire system only uses 3 O-shaped rings. The quick-open doors connected with the hinges and the quick-replacement flow tube plate could work out by the front door shutting.
-The hygienic-class pipeline valve and system running in totally enclosed. The CIP can be cleaned conveniently and makes the bacteria rarely grow.
-With few manual operation and stable working pressure, the machine could be centralized controlled by PID or PLC system.
-The whole machine running with the light vibration and low noise and the highly efficient and continuous separation, which is stable and little water consumption.

◆性能参数：

Performance Parameters

规格型号 Models	工作压力（bar） Working pressure	流量范围 (m3/h) Flow Range	装机功率 (kw) Installed Power	净重 (kg) Net Weight
HC350	3.0-8.5	15-20	5.5-11	70
HC400	3.0-8.5	25-30	11-18.5	85
HC450	3.0-8.5	35-40	15-22	110
HC500	3.0-8.5	45-50	18.5-37	140
HC550	3.0-8.5	55-60	22-45	165
HC600	3.0-8.5	60-65	37-55	210
HC650	3.0-8.5	65-70	45-75	230



◆主要外形尺寸：

Main size of outside

规格型号 Models	A	B	C	D
HC350	φ380	340	510	500
HC400	φ420	350	550	540
HC450	φ460	360	650	580
HC500	φ520	380	710	630
HC550	φ570	400	755	680
HC600	φ630	465	810	760
HC650	φ660	465	845	790

VF系列真空脱水机 . **BOSIDA**

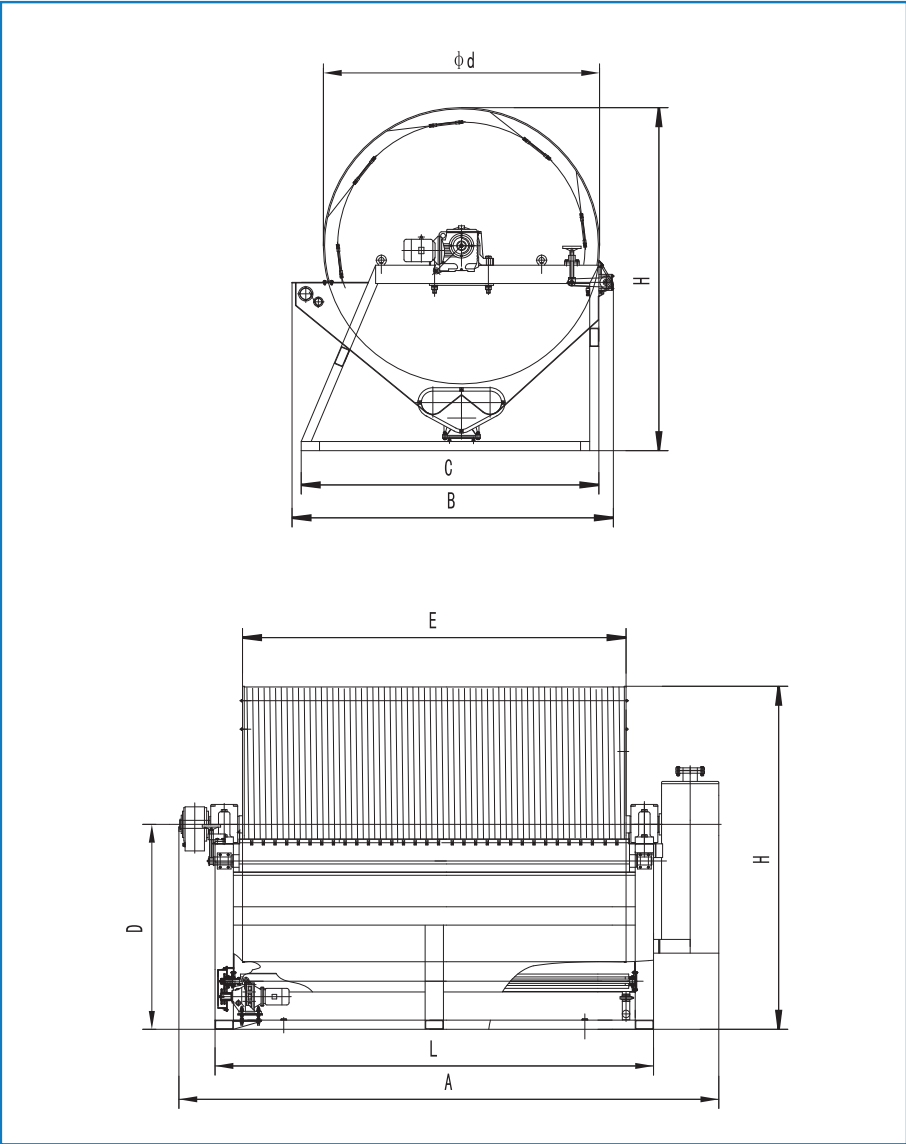
VF Series Vacuum Filter

- ◆用途：
- 马铃薯、木薯、红薯、小麦淀粉及变性淀粉洗涤后淀粉浆的脱水；
其它食品及化工行业悬浮液的连续过滤、分离。
- ◆结构特点：
- 全不锈钢、转鼓采用无管式结构，处理量大、脱水均匀、水分含量低（36-38%）；
不锈钢滤布、外置独特的高压水喷淋清洗装置，清洗快捷、方便，不易堵塞；
转鼓采用变频调速，速度连续可调，操作方便、运转平稳；
SKF 轴承及轴承座、那西姆真空泵、三肯变频器，确保整机优良的性能。
- ◆Uses:
- To dewater the pulp of starch and modified starch made from potato, tapioca, sweet potato, wheat after washing.
-The continuous filtration and separation of the suspension in other food and chemical industry.
- ◆Design features:
- It is completely made of stainless steel. The rotary drum is in no pipe structure and processes large capacity. It makes dehydration of the starch uniformity with the moisture content around 36% to 38%.
-Both the wide stainless steel filter cloth and the unique external cleaning device with high-pressure water spray make the cleaning step quickly and conveniently without blocking.
-The rotary drum adopted the variable-frequency controlling speed technique, which could adjust the speed continuously. The operation is convenient and stable.
-The SKF seal bearings and bearing pedestal, the Nash Elmo vacuum pump and the Japanese SANKEN transducer ensure the excellent performance of the complete machine.

◆性能参数：

Performance Parameters

规格型号 Models	转速（r.p.m） Rotary speed	电机功率 (kw) Motor Power	处理量 Processing Capacity(ton/h)				净重 (kg) Net Weight
			马铃薯淀粉 Potato Starch	木薯淀粉 Cassava Starch	红薯淀粉 Sweet potato Starch	小麦淀粉 Wheat Starch	
VF16/7.5	0-10	11.2	1.5-2.5	0.7-1.3	0.7-1.3	0.5-1.0	1650
VF16/12	0-10	14.7	3.0-3.5	1.5-1.8	1.5-1.8	1.2-1.5	2060
VF16/16	0-10	18.7	4.0-5.0	2.0-2.5	2.0-2.5	1.5-2.0	2610
VF24/20	0-10	27.2	5.5-6.5	2.8-3.2	2.8-3.2	2.5-3.0	4498
VF24/25	0-10	35.2	7.0-8.0	3.5-4.0	3.5-4.0	3.0-3.5	5170
VF24/30	0-10	42.2	9.0-10	4.5-5.0	4.5-5.0	4.0-4.5	5915



◆主要外形尺寸：

Main size of outside

规格型号 Models	A	B	C	D	E	φd	L	H
VF16/7.5	2670	1950	1650	1300	1500	1600	1900	2106
VF16/12	3670	1950	1650	1300	2500	1600	2900	2106
VF16/16	4410	1950	1650	1300	3200	1600	3600	2106
VF24/20	4115	2810	2600	1790	2750	2400	3230	2996
VF24/25	4715	2810	2600	1790	3350	2400	3830	2996
VF24/30	5365	2810	2600	1790	4000	2400	4480	2996



FD系列脉冲式气流干燥机组 . **BOSIDA**

FD Series Flash Dryer

◆用途：

马铃薯、木薯、红薯、小麦、玉米及其它淀粉及变性淀粉脱水后湿淀粉的烘干；
其它颗粒状热敏性物料的连续干燥。

◆结构特点：

物料滞留时间短、热交换效率高、能够实现瞬间干燥；
特殊的旋风回收装置，确保干燥后淀粉的损失降到最低；
特殊设计的风管式冷却系统，淀粉不易结块，残留水分可实现精确控制；
新型关风螺旋代替传统闭风器，关风效果好、故障率低；
无大量运动部件、运行及维护费用极低。

◆Uses:

-To dry starch and modified starch made from potato, tapioca, sweet potato, wheat, corn after dewatering.
-To continuously dry other granular thermo-sensitive materials.

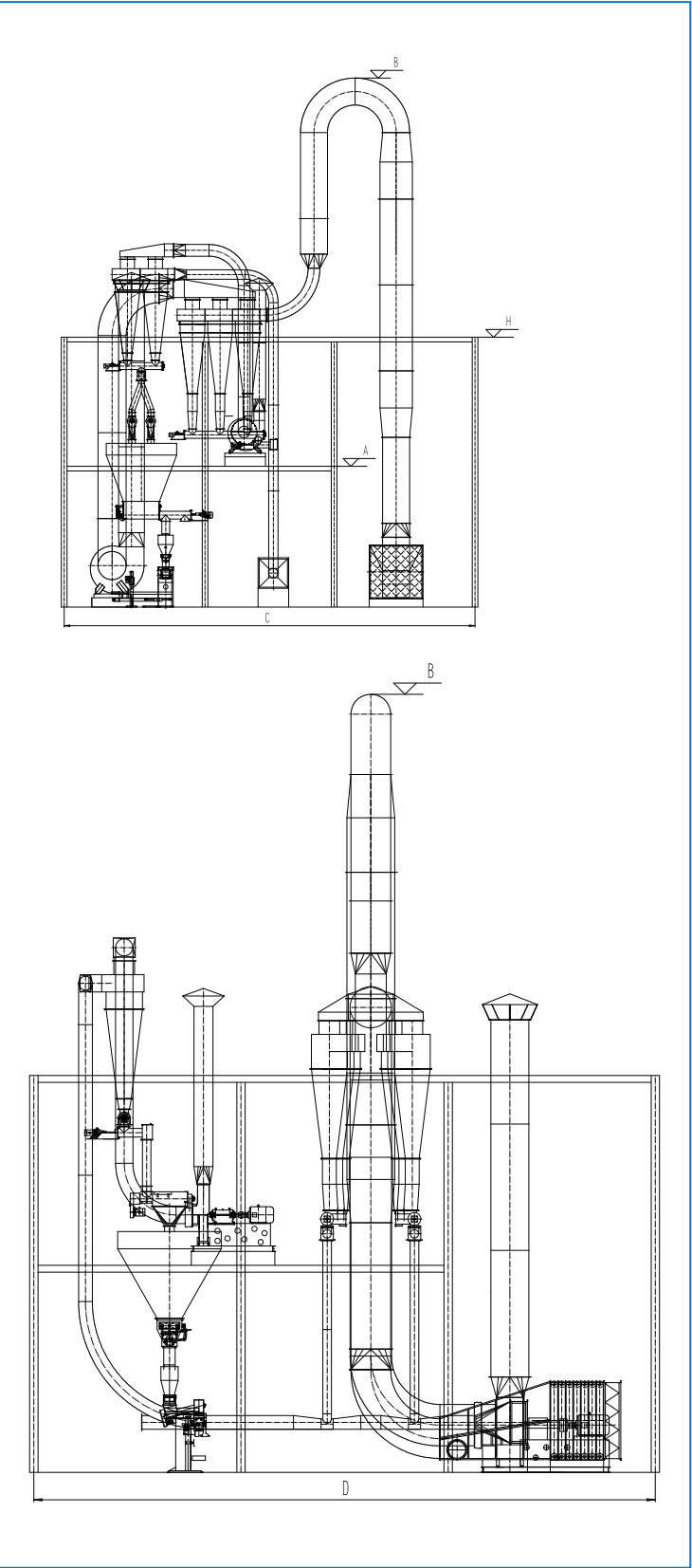
◆Design features:

-The short time of materials retention and the high heat-exchange rate could dry starch instantly.
-The special cyclone recovery device to ensure the minimum loss of dried starch.
-The special flue design cooling system makes the starch not easy to agglomerate,and residual, moisture content can be controlled accurately.
-The new type wind shutting screw which completely replaced the traditional one got the well effect and low failure rate.
-Without the lots of moving parts, the cost of the operation and maintenance is very low.

◆性能参数：

Performance Parameters

规格型号 Models	处理量 (ton/h) Processing Capacity	装机功率 (kw) Installed Power	淀粉含水率 (%) Starch moisture
FD3.0/C	3-4	132	13-20
FD6.0/C	5-6	230	13-20
FD10.0/C	8-10	420	13-20
FD12.5/C	10-12.5	510	13-20

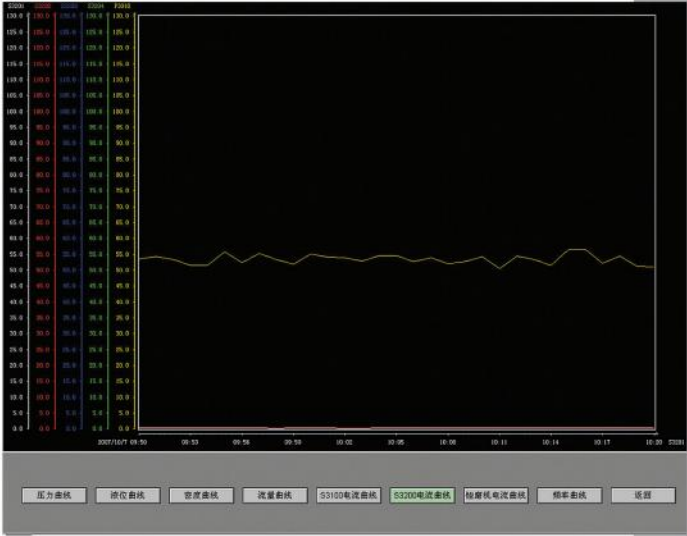
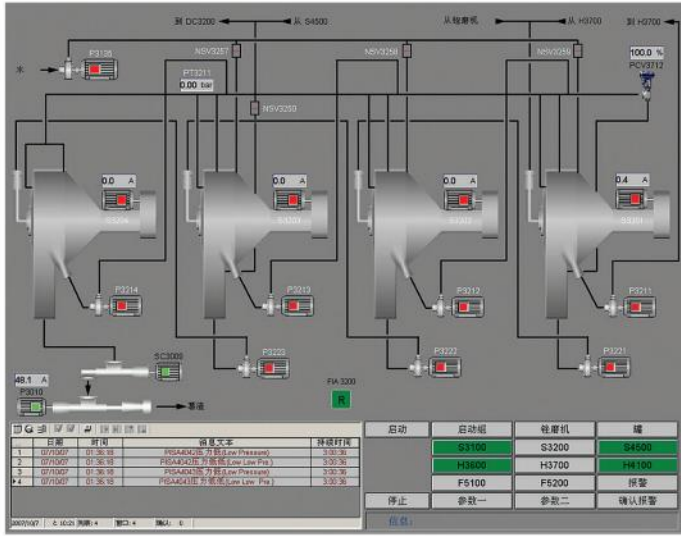
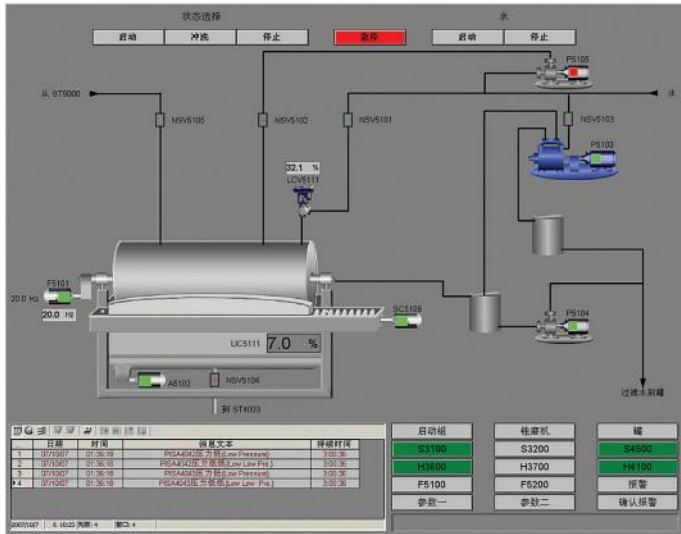


PLC程序控制系统 . **BOSIDA**

PLC Program Control System

- ◆用途:
- 马铃薯、木薯、红薯、玉米、小麦及其它谷（米）类淀粉及变性淀粉生产线自动起停、故障报警、大电流监测及工艺过程压力、流量、浓度、液位及水份的自动控制；
- ◆性能优点:
- 采用国际先进的总线式 PLC 程序控制系统，彻底取代模拟屏技术；
- 选用优质的西门子 S7 可编程控制器，性能稳定、可靠；
- 双屏显示、界面友好、操作方便，可自动生成、打印各类数据及生产报表；
- 能充分实现系统浓度、流量、压力、水份等指标的自动控制，保证稳定的产品质量及工艺提取率；同时确保生产的连续、稳定和高效率运行。

- ◆Uses:
- To start and stop the production line automatically, to monitor the large electric current, and to control the pressure, flow, concentration, liquid level and moisture during the starch processing.
- ◆Performance advantages:
- The PLC controlling system has completely replaced the simulation technique.
- The performance of high-quality Siemens S7 programmable controller is stable and reliable.
- It is easy to operate with double screen, automatically make and print all the kinds of data and production reports.
- It could automatically control the concentration, flow, pressure, moisture and other technical indicators. It ensures the products quality and technical extraction rates in stableness, and meanwhile ensures the continuity, stability and the high-efficiency of the production.



其它辅助设备 . BOSIDA

Other Auxiliary Equipments



冲送水枪



土豆泵



旋转除石机



鼠笼洗薯机



清洗机组



挑选皮带机



斗式提升机



污水过滤机



竖流沉降罐



循环水泵



耐驰泵



除砂器



管道过滤器



软水器



薯渣泵



淀粉乳罐



消沫泵



纤维泵



刮刀离心机



干燥风机



干燥喂料器



淀粉筛



全自动包装机



包装机



电控柜

