中粮科工
COFCO TECHNOLOGY & INDUSTRY

TAKE CARE OF EVERY GRAIN

COFCO TI

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中粮科工
COFCO TECHNOLOGY & INDUSTRY

WHEAT
PROCESSING EQUIPMENT

照顾好每一粒粮食
全麦加工解决方案

中粮科工
COFCO TECHNOLOGY & INDUSTRY

为什么选择我们?
Why COFCO TI

55+ years 专注谷物研磨技术 Focus On Grain Milling Technology

400+ 专业设计技术团队 Professional Engineers

138,000 m^2 装备制造基地 Manufacturing Basement

2,000+ 交钥匙工程 Turnkey Projects

解决方案
Solution

设计
Project Design

装备制造
Equipment Manufacturing

施工
Installation

售后服务
Aftersales Service

楼房结构成套制粉工程
Flour Mill Solution For Concrete Structure Building

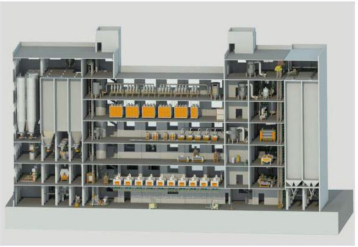
工程简述
楼房结构成套制粉工程通常有四层、五层、六层三种方式，根据用户的具体要求确定。

- 大、中型成套项目的主流型式；
- 针对不同成品的灵活工艺流程，更好的设备配置和整洁的外观；
- 振动小、噪音低、整体结构性更强；
- 操作使用更方便，使用寿命更长。

General Description
Concrete structure building flour mill plant usually has three configuration designs: four-story, five-story and six-story. It can be determined according to customer's requirements.

- Popular mainstream design for large and medium size flour mills;
- Sturdy overall structure. Mill operation at low vibration and low noise;
- Flexible processing flow for different finished products. Better equipment configuration and neat looking;
- Easy operation, long service life.

型号 Model	产量 Capacity (t/d)	总功率 Total Power (kW)	建筑尺寸 Building Size (m)
MF100	100	360	
MF120	120	470	
MF140	140	560	41×7.5×19
MF160	160	650	47×7.5×19
MF200	200	740	49×7.5×19
MF220	220	850	49×7.5×19
MF250	250	960	51.5×12×23.5
MF300	300	1170	61.5×12×27.5
MF350	350	1210	61.5×12×27.5
MF400	400	1675	72×12×29
MF500	500	1950	87×12×30



钢架结构成套制粉工程
Flour Mill Solutions For Steel Platform Structure

工程简述
本工程为厂房内安装的钢架结构的制粉成套设备的方式，通常有二层、三层钢架的结构，是我公司技术人员根据当今制粉工艺的发展，精心研制的，也可使用各种磨粉机、高方筛等先进设备。

- 厂房建设费用低、投资少；
- 广泛使用光辊，可生产高质量面粉；
- 占地面积小，建设周期短;
- 可生产不同等级的面粉，是中小型面粉厂的首选。

General Description
The steel platform structure milling line can be installed in an open warehouse type of building. Usually two or three stories are required for these compact mills.

- Low construction cost, small investment;
- Small land occupation and short construction time;
- Extensive use of smooth rollers ensures high quality flour;
- It is the ideal solutions for small and medium-sized flour mill to produce different grades of flour.

型号 Model	产量 Capacity (t/d)	总功率 Total Power (kW)	建筑尺寸 Building Size (m)
MG30	30	94	18×7.5×7
MG40	40	131	22×7.5×7
MG50	50	144	24×7.5×7
MG60	60	223	30×8×12
MG80	80	327	33×8×12
MG100	100	340	33×10×12
MG120	120	455	36×10×12
MG140	140	514	36×10×12
MG160	160	568	39×10×12

TSCY系列
圆筒初清筛 Drum Cleaner

产品用途
用于清除物料中大杂质，保护后道设备。

产品特点
- 高产量，适用于清理大杂；
- 结构简单、运行平稳，筛网拆卸方便。

Application
It is used to remove large impurities in grain and protect the subsequent equipment.

Features
- Applicable for cleaning up big impurities with high capacity;
- Simple structure, smooth operation, easy assembly screen.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
TSCY63	20	0.55	480	290	1707x840x1240
TSCY80	40	0.75	720	395	2038x1020x1560
TSCY100	60	1.1	1080	510	2120×1220×1680
TSCY120	80	1.5	1500	730	2380×1430×1918
TSCY125	100	1.5	1800	900	3031×1499×1920
TSCY150	120	1.5	2100	1150	3031×1749×2170

TSQYS系列
双筒初清筛 Double-deck Drum Cleaner

Double Screen
双层筛网

产品用途
该机主要用于主要用于粮食仓储、食品、化工等行业中颗粒原料的清理。

产品特点
- 筛筒托辊支撑，承载力大，产量高；
- 有效地分离原料中的秸秆、石头、麻绳等类似的大杂，也可清除原料中细杂和轻杂。

Application
It is used for cleaning granular materials in grain storage, food, and chemical industries.

Features
- Screen drum roller support system for stable bearing capacity and high output;
- It can effectively separate straw, stone, rope and other large impurities but also the fine impurities and light impurities in the raw materials.

技术参数 Technical Parameter

型号 Model			TSQYS100/320
功率 Power (kW)			3
筛筒转速 Speed (r/min)			14
吸风量 Air Volume (m³/h)			6500
风机功率 Fan Power (kW)			5.5
产量 Capacity (t/h)	内筛板孔径 Inner Sieve Plate Aperture (mm)	ϕ22	110
		ϕ20	100
		ϕ18	90
		ϕ16	70
	外筛板孔径 Outer Sieve Plate Aperture (mm)		ϕ1.8-ϕ3.2
大杂清除率 Large Impurity Removal Rate (%)			> 96%
小杂清除率 Small Impurity Removal Rate (%)			> 92%
尺寸 Dimension (mm)			4433x1770x2923

HZZD系列
回转组合多层筛 Multi-deck Rotary Cleaner

产品用途

适用于大产量的颗粒料大小杂质清理和分级，广泛应用于粮食、饲料、食品等行业。

产品特点

- 有效筛理面积大，产量高，清理分级效果好；
- 组合吊杆悬吊筛体，运转平稳，噪声低；
- 进料端设有多路运料分配器，能将物料均匀分配各层筛格，保证筛理及分级效率；
- 筛理格装取方便简单，互换性好。

Application

It is used to remove large impurities in grain and protect the subsequent equipment.

Features

- Larger effective sifting area for higher output and better grading effect;
- Universal joint suspension for smooth operation and low noise;
- The feeding inlet is equipped with a multi-channel grain distributor, which can evenly distribute the grain to each layer of sieve to ensure the efficiency of screening and classification;
- Sieve screens are easy to install and replace.

技术参数 Technical Parameter

型号 Model	最大产量 Max. Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
HZZD150x200/8	120-140	3+0.75+2x0.04	12000	6100	3642x2445x3892
HZZD200x200/8	150-180	4+0.75+2x0.04	15600	7100	3642x2945x3892

TQLX系列
旋振筛 Rotary Vibrating Cleaner

产品用途

该机主要用于粮食加工厂和谷物储存筒仓的谷物清理，它通过筛选分离谷物中的粗细杂质，并可根据尺寸的大小对多种物料进行分类。

产品特点

- 产量大，分离效果出色，设计坚固，磨损小，维护要求最低；
- 可灵活的与多种不同的风选搭配使用，使清理效果得到优化。

Application

The machine is used primarily for grain cleaning in grain mills and grain storage facilities(silos). It removes coarse and fine impurities from the grain by sieving. It also grades various products according to size.

Features

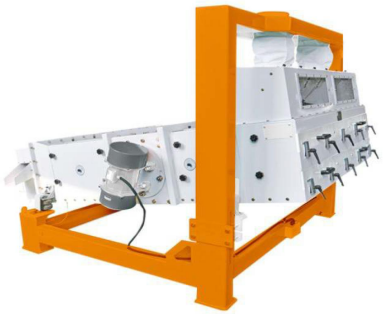
- High capacity and excellent separation, sturdy design for less wear, Minimal maintenance requirements;
- Flexible application possibilities via optional outlet aspirators,the cleaning effect would be better.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h) 初清Pre-cleaning	清理Cleaning	功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
TQLX 150×200	35	20	4	6900	2465	2551x2275x2210
TQLX 150×250	50	30	4	7500	2620	3051x2275x2237
TQLX 180×250	60	40	5.5	9600	3000	3051x2595x2237
TQLX 200×250	70	45	5.5	9600	3250	3051x2787x2237
TQLX 200×300	80	50	7.5	11900	3050	3544x2787x2150
TQLX 200×300A	110	70	7.5	11900	3370	3546x2787x2272

TQLZa系列

振动筛 Vibrating Cleaner



产品用途

用于粮食物料的清理和分级，去除大、小杂质。

产品特点

- 带有匀料装置，清理分级效率高；
- 结构合理，方便拆卸筛板，能耗低。

Application

It is used for removing large and small impurities mixed in grain materials.

Features

- It is equipped with even distribution device, hence guarantee high cleaning and classification efficiency;
- Reasonable structure, easy assembly sieve plates, low power consumption.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)		功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
	初清Pre-cleaning	清理Cleaning				
TQLZa 150x230	60	22.5	2x0.75	6900	575	2773×2138×1920
TQLZa 180x230	80	30	2x0.75	8100	635	2768×2477×1900
TQLZa 200x230	90	35	2x1.5	9000	810	2768×2689×1880
TQLZa 150x270	90	27	2x0.75	7500	925	3155×2158×2060
TQLZa 180x270	110	35	2x1.5	8100	1100	3155×2518×2080

TQLZ系列

振动筛 Vibrating Cleaner

产品用途

用于粮食物料的清理和分级，去除大、小杂质。

产品特点

- 带有匀料装置，清理分级效率高；
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技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)		功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
	初清Pre-cleaning	清理Cleaning				
TQLZ 40×80	3	2	2×0.12	1320	190	1256×870×1070
TQLZ 60×100	12	4	2×0.25	1920	360	1640×1210×1322
TQLZ 100×100	20	7	2×0.25	3120	420	1640×1550×1382
TQLZ 100×150	30	11	2×0.37	4800	520	2170×1550×1530
TQLZ 100×200	40	14	2×0.37	5400	540	2640×1550×1557
TQLZ 150×150	45	16	2×0.75	6000	630	2170×2180×1600
TQLZ 150×200	60	22	2×0.75	8100	650	2660×2180×1636
TQLZ 180×200	70	26	2×1.1	9600	1000	2660×2480×1873
TQLZ 150×270	100	30	2×1.5	8100	1650	3115×2130×2210
TQLZ 180×270	120	35	2×1.5	9600	1850	3115×2430×2210

TQLM系列

平面回转筛 Plane Rotary Cleaner

产品用途

主要用于制粉、饲料、碾米、化工、榨油等行业的原料清理或分级。

产品特点

- 该机单位筛宽流量大，清理效率高，平面回转运动平稳，噪声低。

Application

It is mainly used for cleaning or grading raw materials in the industries of flour, feed, rice milling, chemical industry and oil pressing.

Features

- The machine has large processing output and high cleaning efficiency. It operates in smooth plane rotation with low noise.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
TQLM 80	5-7	1.1	2700	575	2070×1248×1409
TQLM 100	6-9	1.1	3300	635	2070×1458×1409
TQLM 125	7.5-10	1.1	4100	800	2070×1708×1409
TQLM 160	11-16	1.1	5000	925	2070×2146×1409
TQLM 200	12-20	1.5	6600	1100	2070×2672×1409

TQSXF系列

比重分级去石机 Gravity Grading Destoner

产品用途

主要用在小麦初清及头道筛理之后,对小麦进行分级,集中轻杂（芥籽、草籽、秕麦等）和去除砂石、泥块。

产品特点

- 本机筛体长度长，既增加筛理面积又提高出石效果；
- 本机配备单独吸风网，调风置采用前后分开调风，可根据用户需求筛面前、后段各自调节；
- 风量调节新颖，结构简单，操作使用方便。

Application

It is used to classify wheat after pre-cleaning to remove light impurities (including mustard seed, grass seed, blighted grain, etc.) and sand, stone and mud.

Features

- The prolonged screen body increases the sifting area and improves the destoning effect;
- It is equipped with independent ventilation and the hood can adjust the air volume both from the front and the back of the screen according to the user's requirements;
- Novel air volume mechanism with simple structure, easy to operate.

技术参数 Technical Parameter

型号 Model	筛宽 Sieve width (cm)	产量 Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m³/h)	尺寸 Dimension (mm)
TQSXF150/160	158	15-22	2x0.68	15000	2212x2012x2125

TQSF系列

比重分级去石机 Gravity Grading Destoner

产品用途

主要用在小麦初清及头道筛理之后,对小麦进行分级,集中轻杂（芥籽、草籽、秕麦等）和去除砂石、泥块。

产品特点

- 分级、去砂石、泥块性能好，耗能低，无粉尘外扬，噪音小；
- 配备有机玻璃观察窗观察设备去石状况。

Application

It is used to classify wheat after pre-cleaning and cleaning, gathering light impurities (mustard seed, grass seed, blighted wheat, etc.) and removal of sand, stone and mud.

Features

- Good performance in grading and removing sand, stone and mud with low energy consumption, low noise and no dust leakage;
- Equipped with plexiglass observation window for easy observation of destoning effect.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m^3/h)	重量 Weight (kg)	尺寸 Dimension (mm)
TQSF 40	3-4.5	2x0.25	3300	430	1675x826x1878
TQSF 80	6-9	2x0.25	6700	540	1660×1226×2028
TQSF 100	8-11	2x0.55	8400	615	1660×1426×2028
TQSF 125	12-15	2x0.55	11000	690	1660×1676×2028
TQSF 150	15-18	2x0.55	13800	760	1660×2000×2028
TQSF 180	17-22	2x0.55	16800	820	1660×2300×2028
TQSF 200	16-22	2x0.75	2x8400	1120	1660×2620×2028
TQSF 250	24-30	2x0.75	2x11000	1260	1660×3120×2028

TQSXa系列

比重分级去石机 Gravity Grading Destoner

产品用途

主要用在小麦初清及头道筛理之后,去除小麦中的砂石、泥块、煤渣等比重大的杂质,亦可用于其它麦、谷类的清理及种籽精选。

产品特点

- 生产效率高、去石除砂性能好，耗能低，无粉尘外扬，噪音小，操作使用维修方便。

Application

It is mainly used to remove sand, mud, cinder and other impurities with large specific gravity in wheat after pre-cleaning. It can also be used for the cleaning of other grain and seed selection.

Features

- This equipment features high production efficiency, good cleaning effect, low energy consumption, low noise, easy operation and maintenance.

技术参数 Technical Parameter

型号 Model		TQSX 65/120a	TQSX 120/120a
筛宽 Sieve width (cm)		65	120
产量 Capacity (t/h)	前道 Front Procedure	6-10	10-20
	后道 Tail Procedure	6-8	10-16
功率 Power (kW)		2x0.37	2x0.55
吸风量 Air Volume (m^3/h)		7200	12000
重量 Weight (kg)		480	680
尺寸 Dimension (mm)		1645x1108x1863	1645x1690x1893

TFXH系列
循环风选器 Air-recycling Aspirator

产品用途

主要用于轻杂及灰尘从颗粒产品如小麦、玉米等物料中分离出来。

产品特点

- 采用双绞龙闭风降尘结构，性能优异；
- 风量大、闭风降尘效果好。

Application

It is mainly used to separate light impurities and dust from granular material such as wheat, corn and other materials.

Features

- The enclosed dual screw dust suppression structure ensures excellent performance;
- Large air volume, good air locking and dust suppression outcome.

技术参数 Technical Parameter

型号 Model	处理量 Capacity (t/h)		功率 Power(kW)	吸风量 Air Volume (m³/h)		重量 Weight (kg)	尺寸 Dimension (mm)
	初清 Pre-cleaning	清理 Cleaning		初清 Pre-cleaning	清理 Cleaning		
TFXH 60	40	9	2.2+0.75	480	240	489	1240×1005×1745
TFXH 80	50	12	2.2+0.75	550	300	538	1440×1005×1745
TFXH 100	65	16	3+0.75	600	360	583	1640×1005×1745
TFXH 125	83	20	3+0.75	650	400	630	2300×1005×1745
TFXH 150	100	24	2x2.2+1.1	720	480	686	2550×1005×1745
TFXH 180	105	28	2x3+1.1	760	520	759	2850×1005×1745
TFXH 200	120	32	2x3+1.1	880	550	806	2870×1005×1745

TFDZ系列
无动力垂直吸风道 Aspiration Channel

产品用途

与吸风系统连接，用于颗粒物料中分离出灰尘、皮壳、碎粒及轻杂质。

产品特点

- 进料带有调节装置，根据来料量大小随时调节调风板和匀料板的间距，提高分离效果；
- 配备有机玻璃观察窗观察设备风选状况；
- 随时调节风量大小，保证设备使用达到最佳状态。

Application

Connected with aeration system for separating dust, shell, broken grains and light impurities from granular materials.

Features

- The feeding belt is equipped with an adjusting device, which can adjust the spacing between the air regulating plate and the material leveling plate at any time according to the size of the incoming material to improve the separation effect;
- With plexiglass observation window for easy observation of separation effect;
- Adjustable air volume at any time to ensure optimal outcome.

技术参数 Technical Parameter

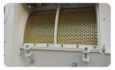
型号 Model	处理量 Capacity (t/h)		吸风量 Air Volume (m³/h)	重量 Weight (kg)	尺寸 Dimension (mm)
	初清 Pre-cleaning	清理 Cleaning			
TFDZ 100	50	20	3300	200	1130x450x1975
TFDZ 125	60	22	4100	230	1386x450x1975
TFDZ 150	75	25	5000	280	1630x450x2195
TFDZ 180	85	30	6000	320	1930x450x2310
TFDZ 200	95	35	6600	450	2130x450x2310

FDMWA系列
卧式摩擦打麦机 Horizontal Abrasive Scourer

改善轴承结构，使用寿命长。
Improve bearing structure and longer service life.

可调节的卸料结构，方便清洗和物料流量的控制。
Adjustable discharging mechanism for convenient control of cleaning effect and material flow.

独特的转子和定子打板组合设计。
The unique design of the rotor and stator beating board combination.



特殊耐磨材料制造，使打板更加耐用。
Built with special wear-resistant materials, ensures significantly durable beating board with long service life.

产品用途

用于面粉厂清理流程，可以把麦粒表面腹沟里的泥土、麦毛等杂质揉搓并打离，还可以将混杂在小麦中的泥块和强度较差的病害变质麦粒打碎。

产品特点

- 打击力度降低，摩擦，挤压，揉搓力度加大，提高摩擦捏合强度，确保优异的清理效果，破碎率低，高产量；
- 转子二次动平衡，运转平稳，振动小，更换打板不需要做特殊平衡；
- 增设补风窗，便于吸风时补风；
- 出料端增设了重锤式可调压力门，便于调节物料的摩擦打击效果和流量；
- 可选配自循环风选器，轻杂分离的效果更佳。

Application

In the cleaning process of flour plant, the dirt and other impurities in the belly groove on the surface of wheat can be knead and beaten off, and the mud mixed in the wheat and the bad strength of the deterioration of wheat can be broken.

Features

- With reduced impact force and increased rubbing and kneading strength, ensures superior cleaning effect and low broken rate with high output;
- Twice dynamic balanced rotor ensures stable operation with less vibration, no special balancing needed for replacing the beating board;
- Air intake window is added for complementary air flow;
- A hammer-style adjustable pressure door is equipped at the discharge port for easy adjustment of abrasion and impact and material flow;
- Optional self-circulation aspirator for optimal separation of light impurities.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	重量 Weight (kg)	尺寸 Dimension (mm)
FDMWA 30×60	≤12	7.5-15	760	1220×600×1615
FDMWA 45×80	12-25	15-22	980	1460×800×1876

FDMW系列
卧式打麦机 Horizontal Scourer

特制的筛板结构，透孔率高且耐磨，分级效果好。
Special structure sieve plate, high permeability and wear resistance ensures good grading effect.

特殊材质的打板，耐磨性高。
Wear-resistant beating board made of special material.

产品用途

用于小麦润麦后的清理。可以把麦粒表面腹沟里的泥土、麦毛等杂质打离。同时，可以将混杂在小麦中的泥块和强度较差的病害变质麦粒打碎。

产品特点

- 转子经过动平衡，保证设备运转平稳；
- 大筛筒直径，防止堵机现象；
- 可选配自循环风选器，轻杂分离的效果更佳。

Application

It is used for wheat cleaning after tempering. It can remove impurities such as dirt and wheat hair on the surface of wheat while break the mud mixed in wheat and the deteriorated grains with poor strength.

Features

- Dynamically balanced rotor ensures smooth operation;
- Large diameter sieve cylinder to prevent blockage;
- Optional self-circulation aspirator for optimal separation of light impurities.

技术参数 Technical Parameter

型号 Model	功率 Power (kW)		产量 Capacity (t/h)	重量 Weight (kg)	尺寸 Dimension (mm)
	中等打击 Moderate Beating	强烈打击 Intensive Beating			
FDMW 30×60	4	5.5	2-4	450	1270×400×1210
FDMW 40×100	5.5	7.5	4-7	710	2130×920×1700
FDMW 40×150	7.5	11	7-10	750	2630×920×1700
FDMW 2x40×100	2x5.5	2x7.5	8-14	1200	2130×1490×1700
FDMW 2x40×150	2x7.5	2x11	14-20	1500	2630×1490×1700

FSM系列
刷麦机 Scourer

产品用途

本机具有打麦和刷麦两种功能，主要用于小麦的清理流程，一方面将小麦中的泥块和变质麦打碎分离；另一方面将小麦表面的泥土、麦毛分离出来。

产品特点

- 特殊形状的多个打板在主轴上组成螺旋形式，刷麦力度强。

Application

This equipment integrates the two functions of scouring and brushing in the wheat cleaning process. It can break and separate mud and deteriorated grains in wheat and remove the dirt and wheat hair on the surface of wheat.

Features

- With the spiral formed by a number of special shaped beating boards this equipment handles wheat with stronger intensity.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	筛筒直径 Screen Diameter (mm)	筛筒长度 Sieve Length (mm)	尺寸 Dimension (mm)
FSM 40	6-9	7.5	ϕ400	935	1750×870×1710
FSM 2x40	12-18	2x7.5	ϕ400	935	1750×1420×1710

FJXZ系列
碟片滚筒精选机 Disc Roller Separator

产品用途

用于小麦清理，从小麦中分选出燕麦、大麦、荞子、草子和其它小颗粒杂质。

产品特点

- 本机是在碟片和滚筒两种精选机的基础上设计制造的组合精选设备，具有能够缩短工艺流程，发挥设备效能，产量大、分选精度高，占地面积小等优点。

Application

It is used for wheat cleaning, to separate oats, barley, buckwheat, grass seeds and other small particle impurities from wheat.

Features

- This machine is a combined cleaning equipment designed and manufactured on the basis of two kinds of cleaning machines, disc and drum. It has the advantages of shortening the technological process, giving full play to the efficiency of the equipment, large output, high separation accuracy, small floor area, etc.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	吸风量 Air Volume (m^3/h)	重量 Weight (kg)	尺寸 Dimension (mm)
FJXZ-63-YQB	6-8	4	600-900	1750	2947x1243x2034
FJXZ-63-YQN	8-10	4	600-900	1750	2947x1243x2034

FZSH系列
桨叶式着水机 Dampener

产品用途

主要对入磨前小麦进行强力着水处理及水分调节，使水分充分渗透到胚乳内节省润麦时间。

产品特点

- 主轴倾斜布置，着水混合更均匀；
- 小麦增碎率低；
- 动耗较小，操作维护方便。

Application

It is used for intensive water treatment and water regulation of wheat before grinding to make water permeate into endosperm and save time of moistening wheat.

Features

- The inclined main shaft ensures more even dampening effect;
- Dampening with lower broken rate;
- Low power consumption, easy operation and maintenance.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	叶片直径 Blade Diameter (mm)	重量 Weight (kg)	最大水量 The Maximum Amount Of Water (%)
FZSH 25×150	6	1.5	ϕ250	350	1-5
FZSH 32×200	12	2.2	ϕ320	400	1-5
FZSH 40×230	18	3	ϕ400	420	1-5
FZSH 50×280	26	11	ϕ500	775	1-5
FZSH 60×300	35	15	ϕ600	860	1-5

FZSW系列
双轴强力着水机 Twin-shaft Intensive Dampener

产品用途
主要对入磨前小麦进行强力着水处理及水分调节，使水分充分渗透到胚乳内节省润麦时间。

产品特点
- 可达到小麦与水之间的最佳混合，加水量可达7%；
- 切线出料，功耗小，产量大；
- 主轴平置，解决了传统着水机轴承处漏水问题；
- 叶片经特殊处理，使用寿命长；
- 机壳的一侧可打开，维修及更换打板方便。

Application
It is used for intensive water treatment and water regulation of wheat before grinding to make water permeate into endosperm and save time of moistening wheat.

Features
- The optimum mixture of wheat and water can be achieved, and the water content can reach 7%;
- Tangential discharging, low power consumption, large output;
- The main shaft is flat to solve the traditional problem of water leakage in the bearing of the water dispenser;
- Special treatment for the blade ensures long service life;
- The casing can be open on one side for convenient to repair and replacement of the board.

技术参数 Technical Parameter

型号 Model	功率 Power (kW)	产量 Capacity (t/h)	主轴转速 Spindle Speed (rpm)	尺寸 Dimension (mm)
FZSW 30x120	4/5.5	3-8/8-12	389±5	1762x807x1659
FZSW 30x150	5.5/7.5	12-16/16-24	389±5	2062x807x1659
FZSW 45x150	11/15	25-30/30-40	325±5	2158x1240x1945

FZSD系列
喷雾着水机 Spray Dampener

产品用途
用于颗粒表面微量着水的专用设备。设备把水雾化成100微米以下的细小水滴，给物料均匀着水。

产品特点
- 采用先进电动离心雾化技术，雾化效果好，物料着水均匀；
- 设备在常压下工作，不需配备空压机，安装方便。

Application
Special equipment for spraying water on particle surface.The equipment turns the water mist into small water droplets less than 100 microns to evenly distribute water to the material.

Features
- Adopting advanced electric centrifugal atomization technology, the atomization effect is excellent, and the material is dampened evenly;
- The equipment works under normal pressure, without air compressor, easy to install.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	着水量 Atomized Water (%)	重量 Weight(kg)	尺寸 Dimension (mm)
FZSD 20x300	3	0.05	0.2-0.5	32	570x450x470
FZSD 25x300	5	0.05	0.2-0.5	42	640x450x640
FZSD 50x300	8	0.1	0.2-0.5	48	700x520x700
FZSD 50x380	10	0.1	0.2-0.5	62	770x580x870
FZSD 75x380	15	0.2	0.2-0.5	65	770x580x870
FZSD 100x380	20	0.2	0.2-0.5	98	800x580x1350
FZSD 150x380	30	0.3	0.2-0.5	130	800x580x1350
FZSD 250x740	50	0.37	0.2-0.5	200	1200x900x2050

色选机
Color Sorter

精
Master

分选大师，精细缜密，轻松剔除各种恶性杂质。
Sorter Master , meticulous, easy to remove all kinds of malignant impurities.

技术参数 Technical Parameter

型号 Model	通道数 Channels	产量 Capacity (t/h)	色选精度 Sorting Accuracy (%)	带出比 Optimized Carryover	功率 Power (kW)	重量 Weight (kg)	尺寸 Dimension (mm)
Master4	256	3-6	≥99.99	> 15:1	2.5	1200	2168x1644x2013
Master6	384	5-8	≥99.99	> 15:1	3.5	1500	2830x1644x2013
Master8	512	7-12	≥99.99	> 15:1	4.5	1750	3452x1644x2013
Master10	640	7-20	≥99.99	> 15:1	5	1950	4092x1644x2013

产品特点 Features

系统卫士 System Guard
智能算法 Intelligent Algorithm
自动校正 Automatic Rectification
定点除尘 Targeted Dedusting

全彩高精度相机
High Resolution Full Color Camera
5400ccd传感器 5400 CCD sensor
高清工业相机 High Definition Industrial Lens

人机交互系统 Human-computer Interaction
系统自检 Automatic System Check
图像抓取 Image Capture
全息影像 Holographic Imaging
一键智能 One-key Automation

识别专家 Identification Expert
大小识别 Size Identification
边缘识别 Edge Identification
纹理识别 Texture Identification
形状识别 Shape identification
色选精度临界100% Sorting Accuracy Infinitely close to 100%

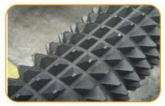
分选大师 Sorting Master
高强喷阀 High Quality Ejector
靶向定位 Target Orientation
智慧光源 Intelligent Lighting Source

MMT系列
磨粉机 Roller Mill


电控喂料
Electronically Controlled Feeding


伺服电机
Servo Motor


控制面板
Control Panel

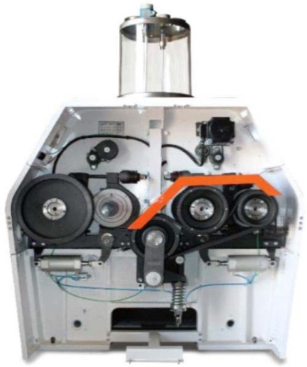

磨辊齿型
Tooth Roller

产品用途
用于将小麦研磨成粉。

产品特点
- 强化的部件设计，强度更高，运行更稳定；
- 更加卫生的食品安全理念，关键部位采用食品级304不锈钢；
- 新的吸风结构，风量分配更好，确保每一位置风的合理性，减少喂料区域气流紊乱现象。

Application
It is used for grinding wheat into flour.

Features
- Strengthen the component design，higher strength，more stable operation;
- The concept of food safety more hygienic，the key parts are made of food grade 304 stainless steel;
- New suction structure with more reasonable distribution of air volume, to ensure the rationality of all positions of the wind and reduce the condition of air turbulence in the feeding area.

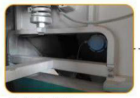


技术参数 Technical Parameter

型号 Model	MMT25/80	MMT25/100	MMT25/125
磨辊 Roller (mm)	ϕ250x800	ϕ250x1000	ϕ250x1250
适用磨辊直径范围 Range Of Applicable Roller Diameter (mm)	ϕ230-250		
快辊转速 Fast Roll Rotating Speed (m/s)	450-650		
快慢辊速比 Fast-slow Roll Speed Ratio	1.25:1 1.5:1 2:1 2.5:1		
喂料辊速比 Feeding Roll Speed Ratio	1:1 1.4:1 2:1		
半部配备功率 Motor Power（kW）	37、30、22、18.5、15、11、7.5、5.5		
主传动轮直径 Main Drive Wheel Diameter（mm）	ϕ360		
气路工作压力 Working Air Pressure（Mpa）	0.6		
重量 Weight (kg)	3000	3300	4000
尺寸 Dimension (mm)	1610×1422×1997	1810×1422×1997	2060×1422×1997

MMR系列
磨粉机 Roller Mill

气缸控制进料门
Small Air Cylinder Control
The Feeding Gate



防堵传感器
Anti Blocking Sensor

更换磨辊仅需20分钟
20 Min Replacing Roller

远程控制面板
Romote Control Board

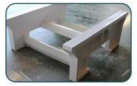
电容料位传感器
Capacitive Level Sensor

MMR磨粉机是一款高端产品，是未来市场的主导。
物料接触部分采用食品级304不锈钢，无死角，无残留。
MMR mill is a high-end products, which will dominate the market in the future.
Material contact part adopts food grade 304 stainless steel, no blind angle, no residue.

方便的翻转喂料单元，便于喂料区的清理。
Easy flipping feed unit for convenient cleaning.

变频调速喂料，将喂料意愿提高到极限，改变喂料环境，提高研磨质量，节省电耗。
Variable speed feeding increase the feeding will to its limit, change the feeding environment, improve the grinding quality and reduce power consumption.

永磁调速同步电动机，与普通变频电机相比更高效，更清洁。
Permanent magnet speed regulating synchronous motor is adopted for higher efficiency and better hygiene.



整体铸铁底座，设备稳定性更高。
Integral cast iron base ensures better stability.

磨辊单元整体从磨体一次拆出、装配，极大方便实际操作，减少停车时间。
Integral grinding roller unit for easy assembly, convenient operation.

齿楔带为弹性张紧装置，能自动补偿带的微量变化，提高带的使用寿命。
Elastic toothed wedge belt serves as the tensioning device, which can automatically compensate for the small change of the belt and improve its service life.

技术参数 Technical Parameter

型号 Model	MMR25/80	MMR25/100	MMR25/125
磨辊 Roller (mm)	ϕ250x800	ϕ250x1000	ϕ250x1250
适用磨辊直径范围 Range Of Applicable Roller Diameter (mm)	ϕ230-250		
快辊转速 Fast Roll Rotating Speed (m/s)	450-650		
快慢辊速比 Fast-slow Roll Speed Ratio	1.25:1 1.5:1 2:1 2.5:1		
喂料辊速比 Feeding Roll Speed Ratio	1:1 1.4:1 1.5:1 1.67:1 2:1		
半部配备功率 Motor Power (kW)	37、30、22、18.5、15、11、7.5、5.5		
主传动轮直径 Main Drive Wheel Diameter (mm)	ϕ360		
气路工作压力 Working Air Pressure (Mpa)	0.6		
重量 Weight (kg)	2700	3200	3800
尺寸 Dimension (mm)	1610×1458×1880	1810×1458×1880	2060×1458×1880

MMRL系列
磨粉机 Roller Mill

技术参数 Technical Parameter

型号 Model	MMRL25/100	MMRL25/125
磨辊 Roller (mm)	ϕ250x1000	ϕ250x1250
适用磨辊直径范围 Range Of Applicable Roller Diameter (mm)	ϕ230-250	
快辊转速 Fast Roll Rotating Speed (m/s)	450-650	
快慢辊速比 Fast-slow Roll Speed Ratio	1.25:1 1.5:1 2:1 2.5:1	
喂料辊速比 Feeding Roll Speed Ratio	1:1 1.4:1 1.5:1 1.67:1 2:1	
半部配备功率 Motor Power (kW)	37、30、22、18.5、15、11、7.5、5.5	
主传动轮直径 Main Drive Wheel Diameter (mm)	ϕ360	
气路工作压力 Working Air Pressure (Mpa)	0.6	
重量 Weight (kg)	5200	6000
尺寸 Dimension (mm)	1810×1478×2475	2060×1478×2475

MMTL系列
磨粉机 Roller Mill

技术参数 Technical Parameter

型号 Model	MMTL25/80	MMTL25/100	MMTL25/125
磨辊 Roller (mm)	ϕ250x800	ϕ250x1000	ϕ250x1250
适用磨辊直径范围 Range Of Applicable Roller Diameter (mm)	ϕ230-250		
快辊转速 Fast Roll Rotating Speed (m/s)	450-600		
快慢辊速比 Fast-slow Roll Speed Ratio	1.25:1 1.5:1 2:1 2.5:1		
喂料辊速比 Feeding Roll Speed Ratio	1:1 1.4:1 2:1		
半部配备功率 Motor Power (kW)	37、30、22、18.5、15、11、7.5、5.5		
主传动轮直径 Main Drive Wheel Diameter (mm)	ϕ345		
气路工作压力 Working Air Pressure (Mpa)	0.6		
重量 Weight (kg)	4800	5500	6200
尺寸 Dimension (mm)	1770x1510x2285	1970x1510x2285	2220x1510x2285

MSQ/MSJ系列
磨粉机 Roller Mill

产品用途

用于将小麦研磨成粉。

产品特点

- 电机内藏机座内，有气动伺服喂料和手动机械控制两种方式；
- 独立的轧距微调机构，确保轧距稳定和研磨效果；
- 独立的气缸离合轧机构；
- 齿锲带传动机构，确保稳定的速比。

Application

It is used for grinding wheat into flour.

Features

- Built-in motor with two feeding mode: pneumatic servo feeding and manual mechanical control feeding;
- Independent roller distance fine-tuning mechanism to ensure stable roller distance and grinding performance;
- Independent cylinder engaging/disengaging mechanism;
- Toothed belt transmission mechanism to ensure stable speed ratio.

技术参数 Technical Parameter

型号 Model	MSQ(J) 50x25x2	MSQ(J) 60x25x2	MSQ(J) 80x25x2
磨辊 Roller (mm)	ϕ250x500	ϕ250x600	ϕ250x800
适用磨辊直径范围 Range Of Applicable Roller Diameter (mm)		ϕ220-250	
快辊转速 Fast Roll Rotating Speed (m/s)		450-600	
快慢辊速比 Fast-slow Roll Speed Ratio		1.14:1 1.25:1 1.5:1 2:1 2.5:1	
半部配备功率 Motor Power (kW)	5.5-15	4-11	7.5-22
重量 Weight (kg)	1650	1980	3000
尺寸 Dimension (mm)	1360x1560x1822	1460x1560x1822	1660x1560x1822

LSM系列
实验磨粉机 Laboratory Roller Mill

产品用途

用于将小麦研磨成粉。

产品特点

- 领先的“三皮三芯”工艺，为大规模商业制粉提供指导性依据；
- 进料研磨筛理一体结构，操作方便；
- 皮磨、芯磨系统柔性动力传递；
- 筛面及刹克龙链式自动清理。

Application

It is used for grinding wheat into flour.

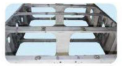
Features

- Adopting “the 3 break system with 3 reduction system” process, it provides a guide for large-scale commercial milling;
- Integration of feeding, grinding and sifting for trouble-free operation;
- Flexible power transmission of break system and reduction system;
- Automatic cleaning mechanism chain for screen surface and cyclone.

技术参数 Technical Parameter

型号 Model	LSM20
磨辊 Roller (mm)	ϕ155x200
产量 Capacity (kg/h)	10
功率 Power (kW)	1.5+1.5+0.55
快辊转速 Fast-Roller Speed (r/min)	500
吸风量 Air Volume (m^3/h)	669
重量 Weight (kg)	650
尺寸 Dimension (mm)	1330×1100×1870

FSFG系列
高方筛 Plansifter



产品用途

用于筛选研磨后的物料及各种颗粒状物料的分级。

产品特点

- 独特的电机轴端迷宫式密封装置，确保面粉不进入主机；
- 主轴下部装有平衡铁弹性支撑装置；
- 筛顶格采用调节压紧结构，简单方便，易于操作。

Application

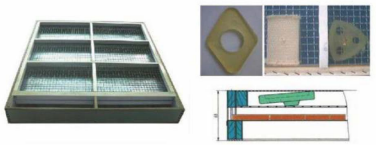
It is used for screening the grinding materials and the grading of various granular materials.

Features

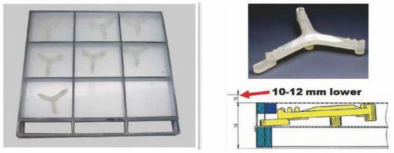
- Unique motor shaft sealing device ensures the no leakage of flour into the main equipment;
- It is equipped with a resilient support of the balance iron under the main shaft;
- The top of sieve adopts the adjusting compression mechanism, which is simple, convenient and easy to operate.

筛格 Sieve

传统筛格
Traditional Sieve



无托网筛格（客户自选）
Sieve Without Corrugated Grills (Optional)



- 筛格材料为厚度均匀的进口双面贴塑胶合板，质量轻便，性能稳定，持钉牢固；
- 中间木条采用合理的插接连接结构，各部件连接牢固，使用寿命长。
- The sieve adopts double-sided plastic plywood material with uniform thickness. It is light in weight, firm in nail locking and stable in performance;
- The wooden strips adopts reasonable plug connection structure. The components are firmly connected hence secures long service life.

- 可根据客户要求选择无拖网筛格可增大每仓筛面积。
- Optional sieves without corrugated grills can be configured to increase the effective sifting area.

技术参数 Technical Parameter

型号 Model	仓数 Numbers Of Compartment	筛格数量 Numbers of Sieve Tray	最大筛理面积 Maximum Sifting Area (㎡)	转速 Speed (r/min)	功率 Power (kW)	重量 Weight (kg)
FSFG(A) 640x2x27	2	23-27	16.1	245	3	1900
FSFG(A) 640x4x27	4	23-27	32.3	245	3	3300
FSFG(A) 640x6x27	6	23-27	48.4	245	4	4300
FSFG(A) 640x8x27	8	23-27	64.6	245	7.5	5700
FSFG(A) 740x2x27	2	23-27	20.7	245	3	2400
FSFG(A) 740x4x27	4	23-27	41.3	245	4	3950
FSFG(A) 740x6x27	6	23-27	62.1	245	7.5	4900
FSFG(A) 740x8x27	8	23-27	82.7	245	11	6100

FSFJ/FSFJB系列

单仓筛 Mono Section Plansifter

产品用途

适用于对各种粉粒物料的分级筛理，应用领域广泛。

产品特点

- 双面耐磨板木筛，可根据不同的筛分要求配置6-12格栅；集成立式及卧式压锁结构，确保筛网不松动，无漏料及交叉污染；
- 由纤维增强塑料吊杆吊起，筛架运行稳定，启停时间短；安全钢丝绳确保安全和平整，占地面积小，灵活性大。

Application

It is used for grading and sieving all kinds of powder materials, and has a wide range of applications.

Features

- Wooden screen with double-sided wear resistant plate, can be configured with 6-12 grids in accordance with different screening requirements; Integrated vertical and horizontal compressing and locking mechanism, making sure that the sieve lattice is not loose and no material leakage and cross contamination;
- Hoisted by fiber-reinforced plastic hanger rod, the screen framework operates stable, which takes less time to start and shut down; Safety wire rope to ensure safety and leveling; small land occupation and maximum flexibility.

技术参数 Technical Parameter

型号 Model	筛理面积 Sifting Area (㎡)	产量 Capacity (t/h)	功率 Power (kW)	重量 Weight (kg)	尺寸 Dimension (mm)
FSFJ1×10×63	2.5	1-1.5	0.75	320	1130×1030×1650
FSFJ1×10×70	2.8	1.5-2	0.75	400	1200×1140×1860
FSFJ1×10×83	4.5	2-4	0.75	470	1380×1280×1860
FSFJ1×10×100	7.0	3-6	1.1	570	1580×1480×1960
FSFJ1×10×120	9.8	6-10	1.5	800	1960×1890×2260
FSFJB1×10×83	5.8	4-7	0.75	880	1445×1445×2250
FSFJB1×10×100	8.5	5-8	1.1	980	1655×1655×2260
FSFJB1×10×120	12	6.5-10	1.5	1200	1904×1904×2260

FSFJ/FSFB系列

双仓筛 Dual Section Plansifter

产品用途

主要用于面粉检查和对研磨后粉料的筛理分级。

产品特点

- 封闭型式筛理面积更大，密封性更好；
- 木制双面贴塑筛格，按不同筛理要求配置6-12格；
- 筛格垂直压紧及水平压紧，确保筛格不松动、不移位、不串漏；
- 玻璃钢吊杆吊装筛体，运转平稳，开停机游动时间少。

Application

It is mainly used for flour inspection and sieving classification of milled powder.

Features

- Closed compartment design allows larger sifting area and excellent dust tight feature;
- 6-12 sieve frames arrangement available to meet different sifting requirement;
- Integrated vertical and horizontal compressing and locking mechanism for sieve frames ensures no loose and shift of sieve frame and no material leakage;
- Fiberglass rod suspension with stainless steel rope for safe and stable operation.

技术参数 Technical Parameter

型号 Model	筛理面积 Sifting Area (㎡)	产量 Capacity (t/h)	功率 Power (kW)	重量 Weight (kg)	尺寸 Dimension (mm)
FSFJ 2×10×63	4.2	2-2.5	1.1	550-580	1680x1270x1500
FSFJ 2×10×70	6.2	3-3.5	1.1	650-670	1840x1350x1760
FSFJ 2×10×83	8.5	5-10	1.5	730-1000	2386x1678x2250
FSFJ 2×10×100	13.5	8-14	2.2	1200-1600	2856x1811x2250
FSFJB 2×10×83	11.5	8-12	1.5	900-1000	2386x1678x2250
FSFJB 2×10×100	17	10-16	2.2	1400-1800	2856x1811x2250

HFQFD系列
清粉机 Purifier

产品用途

用于处理前路皮磨系统物料，供心磨系统磨制高精度、低灰分的面粉。

产品特点

- 与面粉接触部分采用不锈钢材质，安全卫生；
- 风道采用变径圆弧形，使各小风室吸风更加匀称合理，同时对风室风门调节板进行了优化设计，彻底解决了风道积粉的难题；
- 进料系统中匀料机构的进一步改进提高了匀料效果，保证了来料中无论含粉量高低均可均匀地进入筛面；
- 新型的集料槽设计，采用全密封集料槽；
- 筛格型材和换向推杆的改进，增大了筛理面积，提高了筛面穿透率，达到高效率使用效果。

Application

It is used to deal with the materials of the anterior milling system and ensure the materials enter the core milling system have high purity and low ash content.

Features

- The parts in contact with flour are made of stainless steel to ensure food safety;
- Air duct with radius circular arc shape, make the wind chamber suction wind more reasonable symmetry, effectively reduce the formation of vortex in the air duct and of the wind chamber door adjusting plate is optimized, completely solve the problem of duct product powder;
- In the feed system, the further improvement of the uniform material mechanism improves the effect of the uniform material, which ensures that the incoming material can be uniformly entered into the screen surface regardless of the powder content;
- The design of the new type of collector groove , the first use of the full seal set trough;
- The improvement of screen grid profile and reversing push rod, increase the area of the screen, improve the penetration rate of the sieve surface, and achieve high efficiency.

技术参数 Technical Parameter

型号 Model	HFQFD 49×2×3
产量 Capacity (t/h)	0.6-2.8
功率 Power (kW)	2x0.25
风量 Air Volume (m^3/h)	2400-4200
重量 Weight (kg)	1035
尺寸 Dimension (mm)	2700×1290×1750

FQFD系列
清粉机 Purifier

产品用途

用于处理前路皮磨系统物料，供心磨系统磨制高精度、低灰分的面粉。

产品特点

- 风道采用变径圆弧形，使各小风室吸风更加匀称合理，同时对风室风门调节板进行了优化设计，彻底解决了风道积粉的难题。
- 进料系统中匀料机构的进一步改进提高了匀料效果，保证了来料中无论含粉量高低均可均匀地进入筛面。
- 新型的集料槽设计，采用全密封集料槽。
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- In the feed system, the further improvement of the uniform material mechanism improves the effect of the uniform material, which ensures that the incoming material can be uniformly entered into the screen surface regardless of the powder content;
- The design of the new type of collector groove , the first use of the full seal set trough;
- The improvement of screen grid profile and reversing push rod, increase the area of the screen, improve the penetration rate of the sieve surface, and achieve high efficiency.

技术参数 Technical Parameter

型号 Model	FQFD 49x2x3A	FQFD 60×2×3A	FQFD 49×1×3A
产量 Capacity (t/h)	0.6-2.8	0.7-3.3	0.2-1.4
功率 Power (kW)	2x0.25	2x0.25	2x0.18
风量 Air Volume (m^3/h)	2400-4200	3000-5100	1200-2400
重量 Weight (kg)	1020	1220	550
尺寸 Dimension (mm)	2700x1290x1750	2750x1490x1850	2446x800x1654

SFQFD系列
清粉机 Purifier

产品用途
用于处理前路皮磨系统物料，供心磨系统磨制高精度、低灰分的面粉。

产品特点
- 二台清粉机叠在一起，各自单独进料、筛理，各自出料；
- 产量大、效果好，占地面积小。

Application
It is used to deal with the materials of the anterior milling system and ensure the materials enter the core milling system have high purity and low ash content.

Features
- Two sets of purifier stacked together and the feeding, sieving and material discharging for each purifier are conducted separately;
- Large output with excellent sieving performance and small footprint.

技术参数 Technical Parameter

型号 Model	SFQFD 49×2×3A
产量 Capacity (t/h)	2x(0.6-2.8)
功率 Power (kW)	2x(2x0.25)
风量 Air Volume (m^3/h)	4800-8400
重量 Weight (kg)	2580
尺寸 Dimension (mm)	2730×1670×3120

FPDW系列
卧式打麸机 Horizontal Bran Finisher

产品用途
用于制粉车间前中路打麸，处理皮磨粗筛上的麸片，减轻后路负荷，有利研磨和筛理，同时减少了动力消耗。也可用于尾路处理末道皮磨及其尾磨平筛筛出的麸皮。进一步降低麸皮含粉量。

产品特点
- 使用锯齿形打板打击及推料，获得更高的面粉产量；
- 动平衡转子，确保运行稳定；
- 不锈钢菱形筒，分级充分，效率高。

Application
It is used to process bran in the anterior milling process to facilitate the milling and screening, and reduces power consumption. It separates the flour adheres to the bran and increase flour yield.

Features
- Jagged beaters are adopted to impact and move the material streams hence achieving a better flour yield;
- Dynamic balancing rotor ensures steady operation;
- Prismatic stainless steel processing chamber securing separation effect and high efficiency.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	主轴转速 Spindle Speed (rpm)	重量 Weight (kg)	尺寸 Dimension (mm)
FPDW 30	0.9	2.2	1400	236	1315x540x1305
FPDW 2x30	1.8	2x2.2	1400	440	1315x1075x1305
FPDW 45	1.5	5.5	1400	378	1658x625x1575
FPDW 2x45	3	2x5.5	1400	720	1658x1246x1575

FFPS系列
卧式刷麸机 Horizontal Bran Finisher

产品用途

用于制粉过程中减轻皮磨负荷，提高出粉率，降低麸皮含粉量的专用设备。

产品特点

- 具有刷、打双重功能，出粉率高、粉质好等优点。

Application

This equipment is to reduce the load of the break system in wheat milling process and increase the flour yield, reduce the flour content in bran.

Features

- It integrates the functions of brushing and beating in one machine to ensure high flour yield and better quality.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	功率 Power (kW)	主轴转速 Spindle Speed (rpm)	重量 Weight (kg)	尺寸 Dimension (mm)
FFPS 45	0.9-1.0	2.2	430	381-420	1757×750×1662
FFPS 2x45	1.8-2.0	2x2.2	430	751-840	1757×1350×1662

FSJD系列
打板松粉机 Detacher

产品用途

用于等级粉厂制粉车间心磨和尾磨入筛以前松散物料，提高出粉率而不影响面粉的灰分和白度。

产品特点

- 动平衡转子，确保运行稳定；
- 分级充分，效率高。

Application

It is used for the loose material before the heart and tail grinding in the grading mill. It can improve the powder yield without affecting the ash content and whiteness of the flour.

Features

- Dynamic balancing rotor ensures steady operation;
- Separation effect and high efficiency.

技术参数 Technical Parameter

打板外径 Diameter (cm)		29	
转子转速 Rotor Speed (rpm)		960	
电机功率 Power (kW)	3	4	5.5
电机转速 Rotational Speed Of Motor (rpm)	1430	1440	1440
产量 Capacity (t/h)	1.3-1.6	1.7-2.1	1.8-2.2
重量 Weight (kg)	126	132	155
尺寸 Dimension (mm)	855×690×485	855×710×485	855×760×485

FSLZ系列
撞击松粉机 Impact Detacher

产品用途

用于对光辊磨下的的物料进行撞击，使粉片松散，使粘附在皮上的胚乳分离，有效提高筛粉率。

产品特点

- 冲击柱有圆形和方形，冲击力有强劲和适度选项;
- 热处理提高冲击柱的耐久性；
- 转子盘动平衡，稳定运行，噪音低；
- 多个进出口布置，以满足用户的需求；
- 激光切割、二氧化碳保护焊接工艺；
- 静电喷涂表面处理，保证质量和耐久度。

Application

It is used for striking the materials under grinding roller, making the powder loose, separating the endosperm adhering to the skin, and effectively improving the sieving rate.

Features

- Square or round shaped impact pins for strong and moderate impact;
- Heat treatment to increase the durability of the impact pin;
- Rotor disc dynamic balancing ensures steady operation and low noise;
- Multiple inlet/outlet arrangement to meet the user's demand;
- Laser cutting, carbon dioxide shielded welding workmanship;
- Electrostatic spraying surface treatment for best quality and duration.

技术参数 Technical Parameter

型号	FSLZ36	FSLZ43
产量 Capacity (t/h)	0.8-1	1.5-6
功率 Power (kW)	3-4	3-7.5
电机转速 Rotational Speed Of Motor (rpm)	2900	2900
重量 Weight (kg)	110-122	118-175
尺寸 Dimension (mm)	520x520x(660-710)	590x520x(542-617)

TDTG系列
斗式提升机 Bucket Elevator

产品特点

- 结构简单、性能可靠、提升高度可变；
- 驱动头轮表面覆胶，减少打滑。

Features

- Simple structure, reliable performance, variable lifting height;
- The surface of the driving head wheel is covered with glue to reduce skidding.

技术参数 Technical Parameter

型号 Model	传动比 Transmission Ratio	输送量 Capacity (t/h)		线速度 Linear Velocity (m/s)	
		粉料 Powder	粒料 Particle	粉料 Powder	粒料 Particle
TDTG26/13	9-23	1.2-2	6.5-9.5	0.8-1.2	1.2-2.2
TDTG26/18	9-23	2-4.5	15-20	0.8-1.2	1.2-2.2
TDTG26/23	9-23	5-8	16-25	0.8-1.2	1.2-2.2
TDTG36/13	9-23	2-3	8-12	1.2-1.6	1.6-3
TDTG36/18	9-23	4.5-6	16-17	1.2-1.6	1.6-3
TDTG36/23	9-23	7-10	20-32	1.2-1.6	1.6-3
TDTG36/28	9-23	8-11	25-40	1.2-1.6	1.6-3
TDTG40/18	9-23	5-7	22-34	1.3-1.8	1.8-3.3
TDTG50/23	11-23	8-12	30-50	1.3-1.8	1.7-3.4
TDTG50/28	11-23	9-13	40-65	1.3-1.8	1.7-3.4
TDTG60/32	13-23	25-35	45-70	1.5-2	1.8-3.5
TDTG60/38	13-23	27-38	90-140	1.5-2	1.8-3.5
TDTG60/46	13-23	32-45	120-200	1.5-2	1.8-3.5
TDTG80/46	16-35	36-58	140-240	1.7-2.6	2.1-3.7

TGSS系列
刮板输送机 Chain Conveyor

产品特点 Features

- 轴端采用最新填料密封，确保不漏料。
- Shaft end uses the latest packing seal to ensure no leakage.

技术参数 Technical Parameter

型号 Model	产量 Capacity (t/h)	槽宽 Slot width (mm)	线速度 Linear Velocity (m/s)
TGSS16	10-25	160	0.16- 0.32
TGSS20	12-40	200	0.16- 0.32
TGSS25	20-50	250	0.16- 0.32
TGSS32	45-85	320	0.2- 0.32
TGSS40	65-120	400	0.2- 0.32

TLSS系列
螺旋输送机 Screw Conveyor

产品特点

- 不同厚度机制绞龙叶片满足不同工艺耐磨需求；
- 中间吊挂耐磨滑动轴承；
- 绞龙与轴连接后做静平衡校验。

Features

- Screw blade with different thickness to meet various wear resistance requirements of the process;
- Wear-resistant sliding hanger bearing;
- Static balance verification is conducted after the auger and shaft are connected.

技术参数 Technical Parameter

型号 Model	TLSS16	TLSS20	TLSS25	TLSS32	TLSS40	TLSS50
产量 Capacity (t/h)	6	10	18	25	48	70
转速 Speed (m/s)	112	100	90	80	71	65
螺旋叶片直径 Screw Blade Diameter (mm)	160	200	250	320	400	500
螺距 Pitch (mm)	160	200	250	320	355	400

TWLL系列
圆管螺旋输送机 Screw Conveyor

产品特点

- 无缝钢管外壳，变螺距制作，输送中物料不憋堵;
- 可通过PLC控制实现变频调速喂料;
- 进料端设置特制耐压密封结构。

Features

- Seamless steel pipe casing, variable pitch ensures no material blockage in conveying process;
- The frequency conversion speed regulation feeding can be realized by PLC control;
- The feeding end is provided with a special pressure sealing structure.

技术参数 Technical Parameter

型号 Model		TWLL16	TWLL20	TWLL25	TWLL32
输送量 Capacity (t/h)	粉料 Powder	10	12	25	35
	粒料 Particle	18	25	35	50

MS-F系列
面粉打包秤 Packing Scale

产品用途

用于粉状物料的连续包装。

产品特点

- 结构新颖，占地面积小，不喷粉，不需复称，能自动夹袋、接袋、输送，操作简便，自动化程度高。
- 该机对供粉系统状态无严格要求，对大小粉厂，有无粉仓，粉流连续与否均能适应。

Application

It is used for packing of powder materials.

Features

- Novel structure, less and occupation, no dusting, no need to weigh twice, can automatically clip, pick up and convey bags, easy to operate, high degree of automation.
- The machine has no strict requirements for the state of the powder supply system, and can adapt to large and small powder plants, whether there is a powder bin or not, and whether the powder flow is continuous or not.

技术参数 Technical Parameter

型号 Model	称重范围 Weighing Range (kg)	功率 Power (kW)	称重速度 Weighing Speed (bag/h)	称重误差 Weighing Error	供气压力 Gas Supply Pressure (MPa)
MS-10F	2.5-10	3.5	150-400	FS±2‰	≥0.6
MS-25F	25-50	3.5	200	FS±2‰	≥0.6
MS-2x10F	5-25	6	600-780	FS±2‰	≥0.6
MS-2x25F	25-50	6	500	FS±2‰	≥0.6

MS-DPF系列
麸皮打包秤 Bran Packing Scale

产品用途
用于片状物料（麦麸皮、豆粕、花生粕等）的连续包装。

产品特点
- 结构新颖，占地面积小，自动缝包，自动切线，自动统计等。

Application
It is used for continuous packaging of flake materials (i.e. wheat bran, soybean meal, peanut meal, etc.).

Features
- Novel structure with multiple functions including automatic bag sewing, automatic thread cutting, automatic recording and so on.

技术参数 Technical Parameter

型号 Model	功率 Power (kW)	称重范围 Weighing Range (kg)	称重速度 Weighing Speed (bag/h)	称重误差 Weighing Error	供气压力 Gas Supply Pressure (MPa)
MS-50DPF	3	40	200-260	FS±2‰	≥0.6
MS-2x50DPF	5.2	40	400-460	FS±2‰	≥0.6

LCS系列
计量秤 Scale

产品用途
适用于物料中间累计计量。

产品特点
- 采用了最新的电子计量技术，实现来料设备连续来料，后续设备的连续出料，重量累加统计；
- 结构新颖，占地面积小，安装简单；
- 重量控制器配有RS485远程通讯口，便于用户开发计算机控制网络、监控系统。

Application
It is used for intermediate cumulative measurement of materials.

Features
- The latest electronic measurement technology is adopted to realize continuous incoming materials of incoming equipment, continuous outgoing materials of subsequent equipment and weight accumulation statistics;
- Novel structure, small footprint, simple installation;
- The weight controller is equipped with RS485 remote communication port, which is convenient for users to develop computer control network and monitoring system.

技术参数 Technical Parameter

型号 Model	功率 Power (kW)	电压/频率 Voltage/Frequency	称重误差 Weighing Error	供气压力 Gas Supply Pressure (MPa)	供气量 Gas Supply Capacity (m^3/h)
LCS60	0.5	220V 50HZ	FS±2‰	≥0.6	≥0.8
LCS120	1	380V 50HZ	FS±2‰	≥0.6	≥1.2

TBLM系列
低压脉冲除尘器 Low Pressure Air Jet Filter

产品用途

用于温度低于80℃的气体的含尘气体的气、尘分离作业。

产品特点

- 采用特有的低压0.05mpa喷吹技术清灰;
- 改进气包结构设计，耐压性更强，无漏气存在；
- 电磁阀控制喷吹清袋，无机械磨损和误差。

Application

It is used to separate dust and air in dusty gas with temperature below 80℃.

Features

- It removes the dust with the unique 0.05mpa injection technology.
- Improved design of air bag structure for stronger pressure resistance and no air leakage;
- The electromagnetic valve controls the injection cleaning of filter bags without mechanical wear and error.

技术参数 Technical Parameter

型号 Model	滤袋长度 Filter Bag Length(mm)	处理风量 Air Volume(m³/h)	过滤面积 Sifting Area(㎡)	关风器电机功率 Airlock Power(kW)	刮板电机功率 Conveyor Motor Power(kW)
TBLM-26	1800	1032-5160	17.2	0.75	/
	2000	1146-5730	19.1	0.75	/
	2400	1380-6900	23	0.75	/
TBLM-39	1800	1542-7710	25.7	0.75	1.5
	2000	1722-8610	28.7	0.75	1.5
	2400	2076-10380	34.6	0.75	1.5
TBLM-52	1800	2112-10560	35.2	0.75	1.5
	2000	2292-11460	38.2	0.75	1.5
	2400	2766-13830	46.1	0.75	1.5
TBLM-78	1800	3090-15450	51.5	0.75	1.5
	2000	3438-17190	57.3	0.75	1.5
	2400	4146-20730	69.1	1.1	1.5
TBLM-104	1800	4116-20580	68.6	1.1	1.5
	2000	4590-22950	76.5	1.1	1.5
	2400	5526-27630	92.1	1.1	1.5
TBLM-130	1800	5292-26460	88.2	1.1	2.2
	2000	5934-29670	98.9	1.1	2.2
	2400	7056-35280	117.6	1.1	2.2
TBLM-168	1800	6836-34170	113.9	2x1.1	2.2
	2000	7596-37980	126.6	2x1.1	2.2
	2400	9114-45570	151.9	2x1.1	2.2

MC系列
高压脉冲布袋滤尘器 High Pressure Air Jet Filter

产品用途

主要用于粮食、食品、化工、建材、医药、冶金、矿山等工业粉尘的清理、净化回收。

产品特点/Feature

- 滤尘效果高，排出净化空气快：滤尘效率99.5%~99.9%;
- 上抽式骨架布筒，更换维护方便；
- 防雨气密分块式锥形顶盖设计，可靠、方便、人性化；
- 三防材料、适当密度布袋，过滤效果好，安全可靠；
- 防下沉、防摩擦刮灰结构，避免摩擦火量产生；
- 加强型龙骨（冲压引流管、连接法兰，骨架丝加密）。

Application

It is mainly used for cleaning, purification and recovery of industrial dust such as grain, food, chemical industry, building materials, medicine, metallurgy, mining and so on.

Features

- Excellent dust filtering effect, fast purification and discharge of air with a filtering efficiency of 99.5% to 99.9%;
- The filter bag can be pulled from above for easy replacement and maintenance;
- Rain-proof and airtight conical cover design for convenient and stable performance;
- Filter bag cloth with appropriate density ensures good filtering effect and reliable performance;
- Anti-sinking and anti-friction dust collecting structure to avoid friction sparks;
- Reinforced keel ensures durability (stamping drainage tube, connecting flange, skeleton wire encryption).

技术参数/Technical Parameter

型号 Model	MC(Y) 24	MC(Y) 36	MC(Y) 52	MC(Y) 78	MC(Y) 104	MC(F) 48	MC(F) 60	MC(F) 72	MC(F) 84	MC(F) 96	MC(F) 108	MC(F) 120
滤袋数(条) Number Of Filter Bag	24	36	52	78	104	48	60	72	84	96	108	120
过滤面积 Filtering Area(m^2)	18.2	27.5	39.2	57	78.4	36.2	45.2	54.3	63.3	72.5	81.4	90.5
电磁阀(只) Number Of Electromagnetic Valve	4	6	8	10	10	8	10	12	14	16	18	20
处理风量 Air Volume (m³/h)	3270-4360	4950-6600	6880-9170	10320-13760	14110-18810	6520-8680	8130-10850	9800-13200	11400-15200	13000-17400	14300-19540	16300-21600
脉冲间隔 Pulse Interval(s)	10-45											
脉冲宽度 Pulse Width(s)	0.01-0.3											
喷吹压力 Injection Pressure (MPa)	0.4-0.6											
过滤风速 Filtration Velocity (m/min)	3-4											
滤袋规格 Filter Bag Size(mm)	ϕ120×2000											
设备阻力 Resistance(Pa)	<980											

TCXT系列

磁选器 Magnetic Separator

产品用途

主要用于分离原料中的磁性金属夹杂物，适用于各种规模的饲料厂、粮油加工厂以及溶剂厂、酿造厂。

产品特点

- 有效去除粮食中的铁质杂质，提高粮食品质，保护设备；
- 除铁效率 > 99%；
- 外转式磁芯清理被磁化金属物方便。

Application

It is used to separate magnetic metal inclusions in raw materials. It is applicable in feed factories, grain processing plants, solvent plants and breweries of all sizes.

Features

- Effectively remove ferromagnetic impurities in grain, improve grain quality and protect the equipment in the following process;
- Iron removal rate is more than 99%;
- The external rotating magnetic core makes it easy to clean the magnetized metal.

技术参数/Technical Parameter

型号 Model	料口直径 Inlet Diameter (mm)	磁感应强度 Magnetic Induction Intensity(mT)	产量 Capacity (t/h)	
			粉料 Powder	粒料 Particle
TCXT12	120	≥300	5-8	6-10
TCXT15	150	≥300	10-15	15-20
TCXT15a	150	≥300	10-15	15-20
TCXT20	200	≥300	20-25	30-35
TCXT20a	200	≥300	20-25	30-35
TCXT25	250	≥300	30-40	40-50
TCXT30	300	≥300	40-50	50-70
TCXT60	600	≥300	150-160	230-250

TCXP系列

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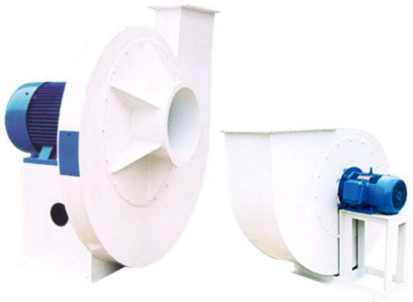
技术参数/Technical Parameter

型号 Model	TCXP20	TCXP30	TCXP40	TCXP50
磁体长度（mm）	200	300	400	500
产量 Capacity (t/h)	≤7	≤10	≤14	≤17
磁感应强度 Magnetic induction intensity(mT)	≥300	≥300	≥300	≥300
除铁率 Iron removal rate（%）	≥98	≥98	≥98	≥98
质量Weight（kg）	15	22	42	45
尺寸 Dimension（mm）	277x458x380	377x458x380	491x520x450	591x520x450

TY/T系列
高、低压风机 Centrifugal Fans



产品用途

高压离心通风机：主要用于粉状和颗粒状物料的气力输送。
中、低压离心通风机：主要用于通风换气，通风除尘等。

产品特点

- 激光切割机下料，模具成型，具备电耗少、效率高、噪点低、运转平稳。

Application

High pressure centrifugal fan is used for the pneumatic conveying of powdery and granular materials. Medium and low pressure centrifugal fan are used for ventilation and removal of dust.

Features

- Laser cutting machine blanking, mold forming, low power consumption, high efficiency, low noise, smooth operation.

技术参数/Technical Parameter

型号 Model	风量 Air Volume (m^3/h)	全压 Full Pressure (mmH2O)	功率 Power (kW)	转速 Speed (r/min)
6-30-6#	7667-3499	373-642	11-18.5	2900-2500
6-30-7#	12385-8607	342-904	11-37	2950-2500
9-19-5A	3488-1610	518-581	7.5-11	2900
9-19-6.3A	6078-3220	831-933	18.5-30	2900
TY-GF7.7-1.5	14620-7840	1018-1064	45	2970
TY-GF8.2-2	19113-8916	1223-1285	75	2970
TY-GF8.4-2	20813-11755	1115-1238	75	2970
T4-72-4A	7160-3800	112-208	5.5	2900
T4-72-4.5A	10700-5820	167-264	7.5	2900
T4-72-5A	14710-8010	210-340	11	2900
T4-72-6A	22180-9828	215-410	22	2900
T4-72-6C	4000-20426	30-281	1.5-15	900-2240
T4-72-7C	6261-24038	38-213	3-18.5	900-1800
T4-72-8C	9631-36234	61-325	4-30	900-1800

MFPL系列
电子配麦器 Electronic Flow Controller

产品用途

主要用于面粉厂配料工段，保证小麦产量的稳定。

产品特点

- 称重的高精度性和良好的重复性，原料容重的变化对计量配料不产生影响；
- 可以实现远程控制功能。

Application

It is mainly used in the mixing section of flour mill to ensure the stability of wheat yield.

Features

- Weighing with high precision and good repeatability. The change of bulk density of raw materials would not affect the distribution of metering ingredients;
- Remote control function can be implemented.

TZMSQ系列
气动闸门 Pneumatic Gate

产品特点

- 用于控制物料进出，适用于散料；
- 稳定可靠，操作和控制方便；
- 标准化设计，维护方便。

Features

- Used for controlling material entry and exit, suitable for bulk material;
- Stable and reliable, easy to operate and control;
- Standardized design and convenient maintenance.

技术参数 Technical Parameter

型号 Model	压力 Pressure (MPa)	气缸直径 Cylinder diameter (mm)	闸门厚度 Gate Thickness (mm)	尺寸 Dimension (mm)
TZMSQ15x15	0.6	ϕ40	4	520x210x100
TZMSQ20x20	0.6	ϕ50	4	622x260x110
TZMSQ25x25	0.6	ϕ50	4	722x310x110
TZMSQ30x30	0.6	ϕ50	4	822x360x110
TZMSQ40x40	0.6	ϕ63	6	1080x480x150
TZMSQ60x60	0.6	ϕ80	6	1480x680x150

TDXZ系列

振动出仓器 Vibrating Silo Discharger

产品用途

适用于粉状物料的仓底卸料，防止仓内物料结拱。

产品特点

- 结构简单，振动电机为振源，驱动卸料斗高频振动。

Application

It is used for discharge of powdery material at the bottom of warehouse to prevent material from arching inside warehouse.

Features

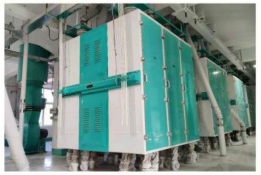
- Simple in structure, the vibration motor is the vibration source, driving the discharging hopper high-frequency vibration.

技术参数 Technical Parameter

型号 Model	功率 Power (kW)	电机转速 Motor Speed (r/min)	振幅 Amplitude (mm)	重量 Weight (kg)	尺寸 Dimension (mm)
TDXZ100x30	0.37	1430	0. 8-3. 2	220	1480×1260×530
TDXZ130x30	0.37	1430	0. 8-3. 2	300	1780×1560×640
TDXZ130x50	0.37	1430	0. 8-3. 2	280	1780×1560×560
TDXZ160x50	0.55	1430	0. 8-3. 2	550	2080×1860×704
TDXZ200x50	2x0.55	1430	0. 8-3. 2	820	2480×2260×895

塔吉克斯坦400T/D制粉项目

400T/D Flour Mill, Tajikistan



天邦面业日处理小麦1000T生产线
Tianbang Flour Processing Wheat 1000TPD Production Line

新天骏面业日处理小麦300T生产线
Xintianjun Flour Processing Wheat 300TPD Production Line

金沙河面业日处理小麦2000T生产线
Jinshahe Flour Processing Wheat 2000TPD Production Line

克明面业日处理小麦3000T生产线
Keming Flour Processing Wheat 3000TPD Production Line

中粮郑州产业园 COFCO Zhengzhou Industrial Park

枣花面业 Zaohua Flour Mill	仁吉面粉厂 Renji Flour Mill	正阳面粉厂 Zhengyang Flour Mill

五得利面业
Wudeli Flour Mill

俄罗斯500T/D制粉项目
500T/D Flour Mill, Russia

菲律宾150T/D制粉项目
150T/D Flour Mill, Philippines

埃及80T/D制粉项目
80t/d Flour Mill, Egypt

马来西亚400T/D制粉项目
400T/D Flour Mill, Malaysia

阿根廷300T/D制粉项目
300T/D Flour Mill, Argentina