



Introduction of cattle farm use grain flaking system

Grosper



Grosper
大连高昌

Grain flaking Hole-In-One machine (FAB)

Feature

- No civil construction investment required, the minimum height is only 6 meters.
- Quick installation, the equipment can be put into use in just 5 days after arrival on site.
- Flexible production , flaked corn can be produced 50 minutes after startup.
- Unattended, only one person can operate part-time after startup.
- Easy to use , you can master the full system in 10 minutes.





Grosper
大连高昌

Grain flaking Hole-In-One machine (FAB)

Advantage

- After calculation, the space can meet the use of 95% of the cattle farm, without additional civil construction burden.
- LEGO style assembly ,ready to install and use.
- Production can be flexibly arranged.
- Reduce labor costs and improve production efficiency.
- Reduce operational difficulty, allowing customers to get into production faster.



燕麦压片



大麦压片



黑豆压片



大豆压片



豌豆压片



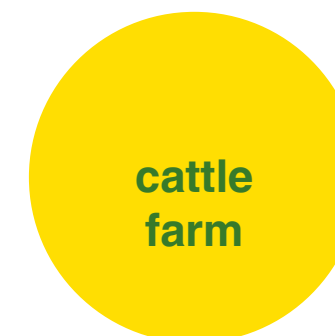
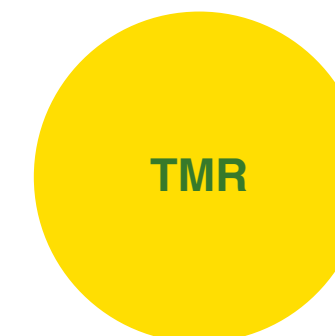
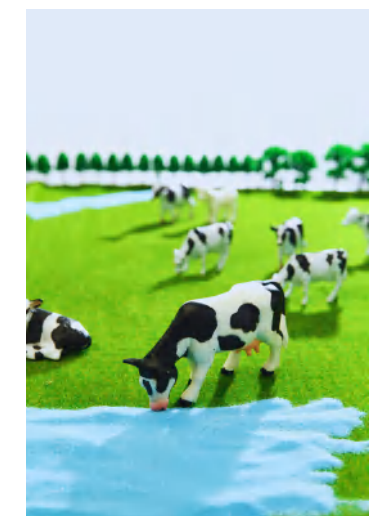


Grosper
大连高昌

Grain flaking Hole-In-One machine (FAB)

Benefit

- Compared with other equipment, it can save labor costs of RMB 100,000.00 per year.
- Save workshop steel structure construction cost by RMB 100,000.00-300,000.00.
- The equipment investment cost can be recovered in the shortest 7 months, compared with external purchase of flaked corn.
- Improve the digestion and absorption efficiency of grains by at least 25%.



Build a new corn flaking value chain and reduce breeding costs

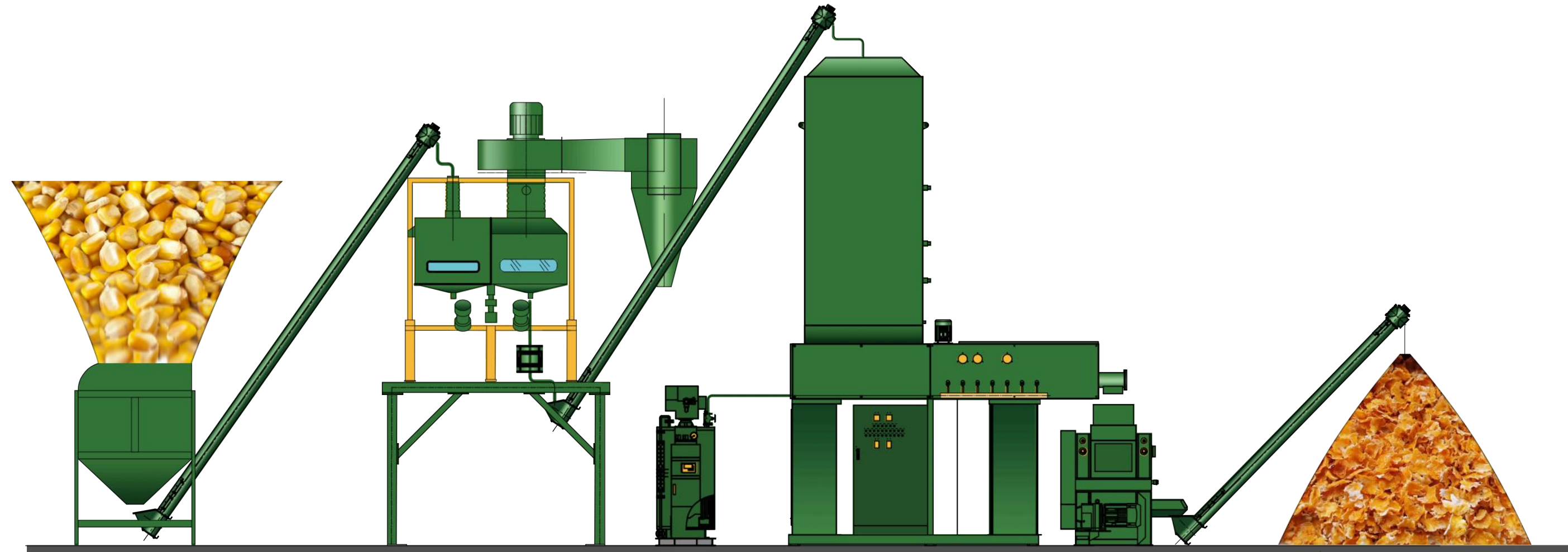
Target customers

Effective inventory	Market price of purchased corn flakes	Homemade corn flakes price	Price difference	Annual difference
<div>  </div> <div>More than 2000 heads</div>	<div>C Raw corn price A Processing cost: RMB90-110 B Profite: RMB30-50 S Freight: RMB60-120 (A+B+S) Take the middle price RMB230</div>	<div>C Raw corn price A Processing cost: RMB70-90 Take the middle price RMB80</div>	<div>Price difference RMB150/TON</div>	<div>Price difference RMB150/T Formula: 5kg/COW/TON Yearly: 365 days Total price difference: RMB547000</div>



Grosper
大连高昌

Flow Chart

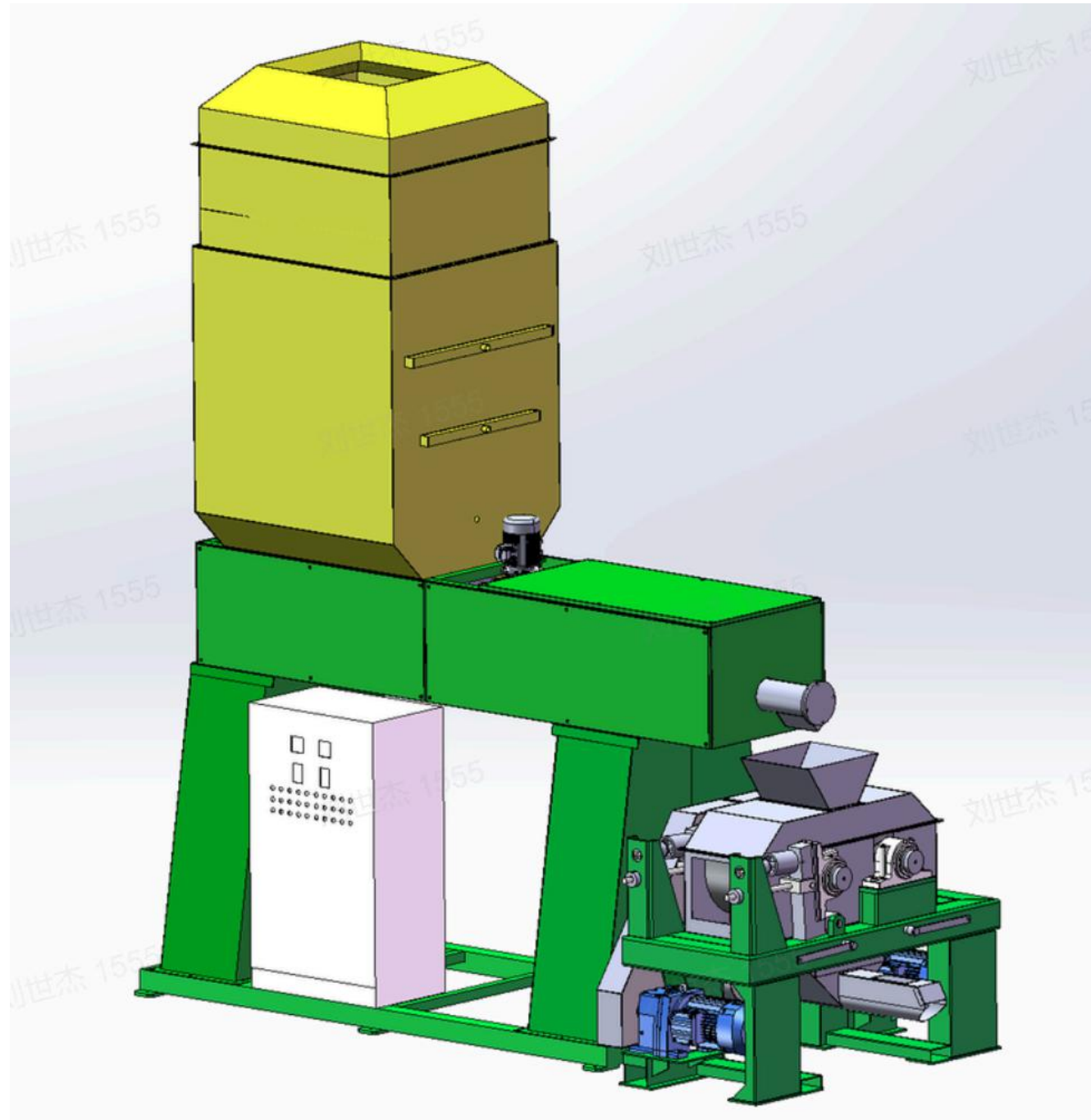


Process description: The grain raw materials are added to the feeding silo through a forklift . The feeding silo can be equipped with a weighing display to control the processing capacity. Then , the impurities, stones, iron, etc. In the raw materials are cleaned through the conveying equipment, cleaning and stone removal combied screen and magnetic separation equipment; Once again ,it enters the grain flaking integrated machine through the conveying equipment for steaming and flaking, and is processed into wet corn flakes suitable for cattle farm use ;a steam generator and pure water device are required.



Grosper
大连高昌

Equipment diagram





Grosper
大连高昌

Customer case

Shanxi Dadi Group --Shanxi Jinhelai Animal Husbandry Co., Ltd.

The existing stock is 5000 heads, and the 2TPH model is used for processing for 5 hours a day .It has been put into use in December 2023 .





Grosper
大连高昌

Customer case

Henan Zheniu Farming and Animal Husbandry Co., Ltd.

The existing stock is 3000 heads. The 1tph machine is used for processing for 5 hours a day . It has been put into use in June 2024 .





Product description

HIO :

The whole machine adopts modular design , which can be used in different cattle farms in the future and can be upgraed or resold; all parts of the machine are made of SS304 national standard steel plates .

Longitudinal conditioning unit

Integrating 15 years of steaming experience in large-scale corn flakes steaming chest, digesting and absorbing European technology, and creating a steaming chest with independent interllectual property;

Material

It is designed with all SS304 stainless steel , with a thickness of 4mm on the left and right sides, a double layer thickness of 3mm on the front and rear sides , and a designed service life of 15 years

Steam nozzle

Multiple steam inputs and 4 jet points ensure steaming of corn;

Modular design

The use of (LEGO building blocks) facilitates future production upgrades or replacement of different cattle farms.

Lateral steaming unit

The materials are transported to the top of the flaking mill for a second time with guaranteed quality;

Reducer

Adopt Guomao brand, the long warranty period is 5 years; if there is any problem within 5 years, it will be repaired or replaced free of charge;

Bearing

SKF brand ,the long warranty period is 3 years; if there is any problem within 3 year, it will be repaired or replaced free of charge;

Conveyor blade

Zhenjiang Sanwei;

Support unit

Welded steel base , annealed , stable and durable to ensure no deformation;

Toolbox module

SS304 stainless steel toolbox , store commonly used spare parts, long-lasting and corrosion-free;

Water tank module

Full SS304 stainless steel water tank, integrated water tank design, reducing floor space;

Steam control unit

Used for external steam generator or boiler steam; stable and no leakage points;

Connector

304 stainless steel metal braided mesh high temperature resistant hose;

Control accessories

Well-known domestic brands;

Flaking unit

Inheriting Grosper's 27 years of experience in grain flaking ,redesign the grain flaking machine that is in line with the HIO all-in-one machine;

Base

In terms of ease of replacement the roller design;

Roller

500mm*450mm; high nickel-chromium-molybdenum alloy roller, uniform hard layer, alloy layer thickness 20-25mm; patented wite drawing design to meet the needs of grain flaking ;

Automation control unit

The electric control cabinet adopts all SS304 stainless steel outer shell

The inverter adopts Siemens brand (or Nippon brand), and other electrical components adopt Schneider brand (or Chint brand); manual control (or automatic control), flexible and convenient operation .





Grosper
大连高昌

Accumulated experience of more than 90 large-scale flaking mill condensed it into a cattle farm-level HIO all-in-one machine

QIQIHAR YUEYANG HENGYE FOOD CO., LTD. GANSU QIANJIN ANIMAL HUSBANDRY CO.,LTD.

BAOTOU BEICHEN FEED CO., LTD. HAIYUAN CHINA RESOURCES AGRICULTURE CO., LTD.

WUWEI TIANMA FEED CO., LTD.

TANGSHAN FENGSHAN LIANGYUAN FEED CO., LTD. LIAONING YANSHUI HYDRAULIC CEMENT PRODUCTS GROUP CO., LTD.

HENAN KANGSHENG BREEDING FACTORY HEBEI AFRICA MACHINERY CO.,LTD.

LIAOHE BREEDING CO., LTD. SHENYANG CHISEN GRAIN INDUSTRY CO., LTD.

AB AGRI ANIMAL NUTRITION (RUDONG) Co.,Ltd. NINGWU XIANGFENG FEED CO.,LTD.

SHANXI YANZHIMU FEED CO., LTD. DAQING JUXIN AGRICULTURE AND ANIMAL HUSBANDRY

ZHAOQING DINGHU WENSHI DAIRY CO., LTD. FUXIN JIAYILONG ANIMAL HUSBANDRY CO., LTD.

HENAN XINCHANGTONG GRAIN INDUSTRY CO., LTD. WEIHUI WEIXIN MACHINERY CO., LTD.

GUANGXI URBAN CONSTRUCTION GROUP CO., LTD.

ZHALAITE BANNER HUIFENG AGRICULTURE AND ANIMAL HUSBANDRY TECHNOLOGY CO., LTD.

HEBEI JIEWEI BIOTECHNOLOGY CO., LTD.

INNER MONGOLIA FENGHUIDA GRAIN GROUP CO., LTD.

SHENYANG JINYANG GRAIN RESERVE CO., LTD.

HENAN XINXIN GRAIN AND OIL EQUIPMENT CO., LTD.

SHIJIAZHUANG HONGDEFA MACHINERY CO., LTD.

SHEYANG JINDA IMPORT AND EXPORT TRADING CO., LTD.

LIYANG YUDA MACHINERY CO., LTD.

HEILONGJIANG KAIXING GRAIN DISTRIBUTION CO., LTD.

LUSHAN WIN TONE ENGINEERING TECHNOLOGY CO., LTD.

HEILONGJIANG SHAORUI AGRICULTURE AND ANIMAL HUSBANDRY TECHNOLOGY CO., LTD.

HENAN CHENGLI GRAIN & OIL MACHINERY CO., LTD.

INNER MONGOLIA JULIA BIOTECHNOLOGY CO., LTD.

BAOTOU TUMED RIGHT BANNER GUANGFENG FARMERS PROFESSIONAL COOPERATIVE

TIANJIN LIDA CEREALS AND OIL CO., LTD.

HEILONGJIANG ZHIYUTONGRUI AGRICULTURAL CO., LTD.

And more+++

The customers in the above industries are all corn flaking customers with a daily output of more than 200 tons. Dalian Grosper undertakes the general contracting project .



Grosper
大连高昌

Contact us

Tel:(86)0411 88255559

Mail:sales@bjgaochang.com

Address

No. 287 Zhuangda Road Lingang Industrial Zoon Zhuanghe China

DALIAN GROSPER MACHINERY MANUFACTURING CO., LTD.

DALIAN KAILAI GLOBAL TRADING CO., LTD.

BELLAEX (NINGBO) INTELLIGENT EQUIPMENT CO., LTD.