国科农牧

整合国际优质资源　服务壮大中国畜牧业

INTERGRATING INTERNATIONAL QUALITY RESOURCES
SERVING AND STRENGTHENING CHINA'S ANIMAL HUSBANDRY INDUSTRY

北京国科诚泰农牧设备有限公司

BEIJING GOKE AGRICULTURE MACHINERY CO., LTD.

电话（Tel）：400-698-2588

网址（Web）：www.gokeagri.com　www.yimu100.com

邮箱（E-mail）：info@gokeagri.com

地址：北京市朝阳区胜古中路企发大厦F座九层

Add：9th Floor , Qifa Building F, Shenggu Middle Road, Chaoyang, Beijing, China

GOKE

国科农牧

国科牧场整体解决方案

FARM INTEGRATED SOLUTIONS

为农业 | 为牧业 | 为食品
FOR FARM FOR FARMER FOR FOOD

GOKE
国科农牧

永远领先一步，整合国际优质资源，服务壮大中国畜牧业是国科农牧永远的使命。

"Always one step ahead, integrating international quality resources, serving and strengthening China's animal husbandry industry" is the perpetual mission of Goke.

我们是
About us

北京国科诚泰农牧设备有限公司是一家为中国畜牧行业提供规划设计、设施设备、高效环保、资源利用、电商服务、行业大数据平台搭建及分析的国际性高新技术企业，中国畜牧机械十强企业，具有国内领先的畜牧行业整体解决方案、农牧行业环保解决方案。

Beijing Goke Agriculture Machinery Co.,Ltd. (Goke) is an international high-tech enterprise, a leading provider of integrated solutions for the Chinese animal husbandry industry, with farm planning, agricultural equipment, smart farming, highly-efficient and environmentally-friendly resource utilization, E-Commerce and big data platform and analysis. Goke is also the Winner of the "China Top Ten Enterprises" in Animal Husbandry Machinery.

01
近20年农牧行业服务经验
20 years experience in the agriculture and animal husbandry industry

02
服务5000+行业客户
Serving more than 5000 customers

03
37个配送网点
37 Distribution Centers

04
100家经销商
100 Dealers

05
20个办事处
20 Offices

不分行青贮收割机 ROW-INDEPENDENT FORAGE HARVESTER

悬挂式青贮收割机保证切割质量。可收割玉米、牧草或全株农作物。

不分行收割，快速籽粒破碎，不受种植行距的限制，并可收割倒伏作物。

多方位悬挂，具有仿形功能，适合各种地形。

The harvester machine ensure the best possible chopping quality. A range of crop specific components is available to prepare the harvester for maize, grass or whole crop.

Row-independent harvest without restriction of lines, crush grain rapidly and can harvest lodging crops.

Its Multi-direction mounted system is to fit all kinds of landforms.

多方位悬挂 Mounting options

近红外饲料分析仪 NIR FEED ANALYZER

节约 SAVINGS

精准 ACCURACY

快速 QUICK

数据兼容共享 INTERFACE

手持式饲料分析仪 X-NIR

手持式饲料分析仪可快速测出饲料中的不同成分：水份、淀粉、粗蛋白、酸性洗涤纤维、中性洗涤纤维、灰分及粗脂肪。可实时监控您的全混合日粮。

X-NIR hand held analyzer for forages and grains that measures the percentage of Moisture (Dry Matter), Starch, Crude Protein, ADF, NDF, Ash and Crude Fat of different feeding materials.

便携式饲料分析仪 AGRI-NIR

此设备是一款可用于牧草饲料及谷类成分分析的便携式近红外分析仪，可快速分析检测物料的水份(干物质)、淀粉、粗蛋白、酸性洗涤纤维、中性洗涤纤维、灰分、粗脂肪及其他营养成分。

AgriNIR is a portable NIR analyzer for forages and grains that measures the percentage of moisture (dry matter), Starch, Crude Protein, ADF, NDF, Ash, Crude Fat and many other nutrients.

青贮阻氧膜 OXYGEN BARRIER SILAGE FILM

- EVOH阻氧层 Oxygen barrier EVOH
- 宽度4-56m可选 Width from 4 up to 56 m
- 长度可达600m Length up to 600m
- 可定制大小 Suitable for any needs

150μm的黑/白阻氧膜多层组成，具有防紫外线功能。

150μm Black/Beige:
Anti UV oxygen barrier film EVOH able to guarantee protection from sun rays and mechanical accidents.

80μm的黄/黑色的阻氧膜质地轻盈，结实耐用，易覆盖。需与遮荫网配合使用，防止机械性损坏。

80μm Beige/Black:
Anti UV EVOH oxygen barrier multilayer film very light and higly resistant.

45μm的米黄色膜是具有隔氧层的多层薄膜。本产品的不透氧性比PE传统薄膜高100倍。

Underlay 45μm:
100 times more impermeable to the oxygen compared a conventional PE film.

110μm的阻氧膜用于青贮窖的边缘和侧壁。

Wall Film 110 μm:
EVOH oxygen barrier multilayer film specifically designed to minimize the contact between the silage and the silage bunker walls.

TMR防霉保鲜剂 TMR PRESERVATIVES

①原料组成：甲酸、双乙酸钠、丙酸、表面活性剂等，其中有机酸及其盐≥60%
Product composition : HCOOH, C4H7NaO4, CH3CH2COOH, surfactant, etc. organic acids and related salt > 60%

②pH (100g/L H2O): 5.3 – 5.6

③增加有机酸（丙酸和甲酸）含量，降低pH，促进乳酸菌生长。
Stimulation of lactic acid-producing bacteria

④快速降低pH值
Rapid reduction of pH levels

⑤抑制霉菌生长和减少腐败
Inhibition of mold growth and reduced spoilage

⑥减少热损伤
Reduced heat damage

⑦增加营养价值
Increased nutritive value

⑧提高适口性
Improved palatability

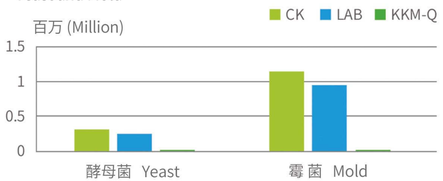
青贮发酵保鲜剂 SILAGE ADDITIVES

①组成：甲酸、甲酸胺、丙酸等
Ingredients: HCOOH, HCOONH4, CH3CH2COOH,etc.

②含量：有机酸及其盐≥80%。
Concentration: organic acids and the related salt ≥ 80%

③pH (1g/L H2O): 3.3 – 3.6

添加KKM-Q对玉米青贮酵母菌和霉菌数量的影响
Effect of supplementation of LAB and KKM-Q on colony counts of Yeast and Mold



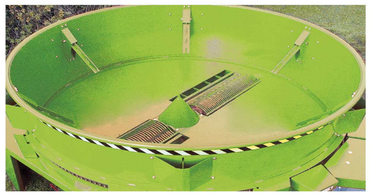
秸秆处理 STRAW PROCESSING

- 配有除尘系统
  Dust removal system is available

- 特殊设计的结构保证设备高能低耗，仓内配有物位传感器
  A special construction ensures a high capacity and low power consumption. Level sensors keep an even depth of material in the tube

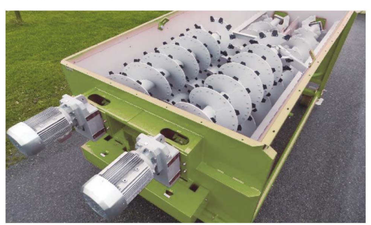
- 粉碎仓和粉碎滚筒均具有反转功能，以节省停机更换刀片的时间，每个粉碎滚筒前面装有集石器
  Both the tube and rotors are reversible to save downtime changing blades and there is a stone trap placed before each rotor

草捆粉碎机
Straw bale shredder



秸秆捆输送
Straw bale conveyer

秸秆捆打散
Straw bale breaker



TMR加工中心 TMR FEEDING CENTER

定时投料
TIME-DEFINITE DELIVERY

自动搅拌
AUTOMATIC MIXING

精准称重
PRECISION WEIGHING

自动配料及装料
AUTOMATIC BATCHING AND LOADING

可根据客户需求进行定制化服务
All plant components and equipment are custom designed to meet the needs of the farm.

立式自走式
VERTICAL SELF-PROPELLED

Dobermann SV
13m³-15m³-17m³-20m³

Dobermann SW
16m³-18m³-20m³-22m³-24m³-28m³-30m³-33m³

Terrier SW
14m³-16m³-18m³

Terrier SV
10m³-13m³

卧式牵引式
HORIZONTAL TRAILED

Husky MT
5m³-7m³-9m³-12m³-16m³

Husky DS
5m³-7m³-9m³-12m³-16m³

卧式固定式
HORIZONTAL STATIONARY

Husky ST
5m³-7m³-9m³-12m³-16m³

卧式自走式
HORIZONTAL SELF-PROPELLED

Pointer
12m³-16m³

立式牵引式
VERTICAL TRAILED

Dunker T1
6m³ ~ 14m³

Dunker T2
16m³ ~ 33m³

Dunker T3
36m³ ~ 46m³

立式固定式
VERTICAL STATIONARY

Dunker ST1
6m³ ~ 14m³

Dunker ST2
16m³ ~ 33m³

Dunker ST3
36m³ ~ 46m³

根据设备不同型号，分别配有1-3个搅龙。
With single-, twin-, and triple-auger vertical mixers, with capacities ranging from 6 to 46m³ to meet your demands.

青贮取料机
SILAGE CONVEYOR

链条刮板输送上料，可以将物料高抛卸料3.3 米以上

The feed will be transported with the chain scraper to a height of more than 3.3m.

粉碎喷草机
STRAW BLOWER

机械驱动，双速可调齿轮箱

Mechanically driven transmission to fan with two-speed gearbox

撒料车
TMR DISCHARGE WAGON

- 液压驱动系统
  Hydraulic drive system
- 双侧出料
  Rear discharge doors with chutes, right and left side

全自动推料机器人
FEED PUSHING ROBOT

- 配有智能充电系统
  Intelligent Charging System
- 内置激光避障功能，以确保机器一旦碰到障碍物自动停止。
  Laser obstacle avoidance system
- 机器人内置多种传感器，可存储多种路径
  Built-in Sensor System

精准饲喂设备
PERCISION FEEDING MACHINE

可识别和控制每头牛的采食时间、称重和记录粗饲料及精饲料的采食量，精准度极高。

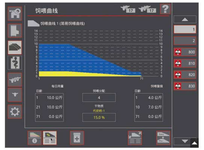
The system can accurately recognize record and control the eating time, weight, and the feed intake of raw and concentrate material for each cow.

自动饲喂，无应激
Automatic Feeding and Stress-free

01 精准饲喂 Precision feeding

恒温控制，保证奶温恒定
智能测量，保证奶质稳定
随时供奶，适应幼畜天性
饲喂曲线，精确控制供奶量

Consistent temperature of the milk;
Remaining milk quantity measurement;
Flexibility – independent of feeding times;
Feeding curve, accurate control of milk supply.



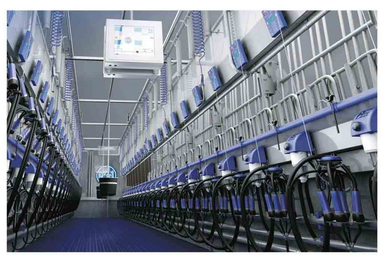
02 智能监控 Intelligent monitoring

智能识别，监测幼畜采食动态。
中央控制，可通过智能终端进行数据交互。
全自动清洗消毒。

Intelligent recognition and monitoring ;
Easy use and data retrieval via touch-screen,smartphone or PC ;
Automatic cleaning and disinfection .

挤奶机 MIIKING MACHINE

▶ 转盘式挤奶机 ROTARY MILKING MACHINE



▶ 挤奶机器人 ROBOTIC MILKING

▶ 羊挤奶转盘 SHEEP AND GOATS

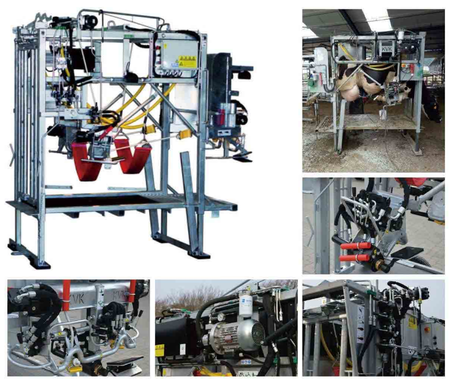
修蹄机 HOOF TRIMMING CHUTE

此设备可以让修蹄人员以最舒适的姿势在修蹄设备上操作，并能将牲畜的不适感降到最低。该设备能在修蹄过程中保证四个蹄子以及蹄底的平衡，有效避免对脚蹄的伤害。所有工作点配备照明设备，易于操作，保证修蹄人员安全。

This hoof trimming chutes provide an optimum working posture to the trimmer and minimum discomfort to the livestock.
They ensure that cows balance correctly on all four hoofs and soles, preventing damage to the horn tissue.

▶ 650-SP2型号 Model 650-SP2

- 液压绳索提升
- 液压调节设备高度
- 液压调节降低伤害度
- 热浸电镀
- 所有工作点配合照明设备
- 四脚液压提升
- Hydraulic harness hoist
- Hydraulic lift adjusts chute working height
- Hydraulic functions are moderated to eliminate the risk of injury to the animal
- Hot-dip galvanized frame
- The unit is fitted with efficient working lights
- Hydraulic adjustment of all 4 supporting legs



▶ 800-1型号 Model 800-1

能承受重载，全液压控制
符合人体工学
所有液压元件的设计和使用都旨在减小牲畜受伤的风险

- Hydraulic functions
- Efficient and ergonomical hoof restraint
- All the hydraulic functions are moderated to eliminate the risk of injury or strain to the animal.

智能强链接

消毒防疫系统
Disinfection and Quarantine

发情监测系统
Heat Detection

TMR精准饲喂系统
TMR Precision Feeding and Monitoring

奶厅智能监测系统
Milking Parlor Monitoring

种畜场管理系统
Breeding Management

活畜交易管理系统
Livestock Trading Management

屠宰加工管理系统
Slaughtering and Processing

供应链金融服务系统
Supply Chain Finance

牧场新引擎

自动称重分群系统
Automatic Weighing and Shifting

放牧定位系统
Animals/Equipment Tracking

养殖环控系统
Environment Control

育肥场管理系统
Fattening Management

溯源管理系统
Traceability

生鲜乳收购运输监管系统
Raw Milk Transportation Monitoring

生鲜乳电子交接系统
Raw Milk Electronic Trading

牧场远程可视化监管系统
Farm Remote Visual Control and Monitoring

牲畜体况称重分群系统
Livestock Infrared Body Condition Scoring System and Weighing System

精准饲喂
Precision & Real-time Traceability

牛脸识别技术
Cow Facial Recognition Technology

GPS放牧系统
GPS Tracking and Monitoring System

实时追踪 电子围栏

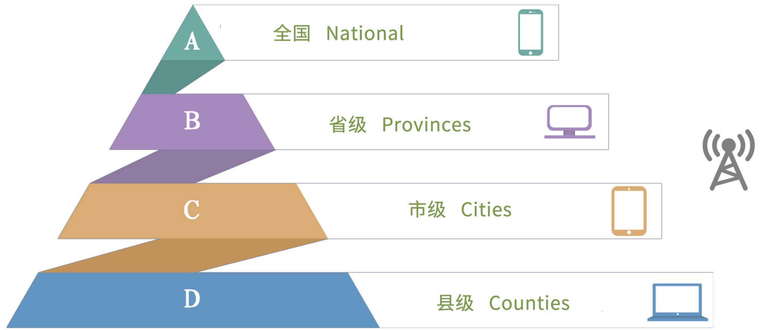
5G-无线养殖场
5G Wireless Livestock Farming

环境控制系统
Environment Control System

牛奶流量计
Milk Flow Meter

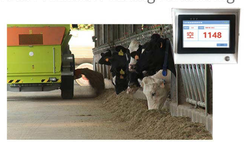
发情监测技术
Heat Detection Technolgy

原奶追溯系统
Raw Milk Transportation Monitoring System



牧场管理系统
Farm Management Software

TMR精准饲喂系统
TMR Precision Feeding Monitoring



准确配方执行，精准饲喂投料，
操作全程可追溯
Precise formula execution and feed delivery,
full traceability

牧场管理系统
Farm Management

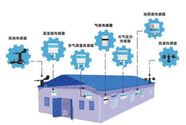
生鲜乳运输监管系统
Raw Milk Transport Monitoring

全程监控，保障生鲜乳质量安全
Traceability and monitoring of operation
to ensure raw milk quality and safety

发情监测系统
Heat Detection

发情揭发与疾病预警
Early detection of health issues.
Take preemptive action

养殖环控系统
Environment Control



实时监测环境数据
Real-time data updates

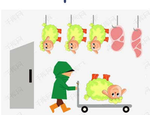
奶厅智能监测系统
Milking Parlor Monitoring

在线计量和质量分析
Online measuring and quality assessing

全国智慧肉牛肉羊产业大数据平台
Beef cattle and muttton sheep industry big data platform

智能养殖管理系统
Smart farming management

活畜交易管理系统
Animal trading



屠宰加工管理系统
Slaughtering

物流运输监管系统
Logistics

畜牧兽医综合系统
Animal
husbandry and veterinary

溯源管理系统
Traceability

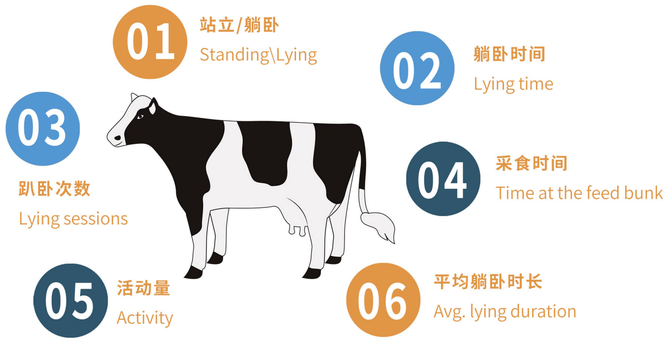
供应链金融服务系统
Supply chain finance

政府监管服务系统
Government regulation service

计步器 PEDOMETERS

行为监测
Behavior monitoring

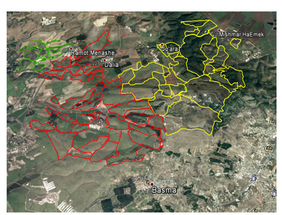
- 发情揭发 Heat Detection
- 跛足 Lameness
- 乳房炎 Mastitis
- 繁殖监测 Fertility monitoring
- BRD早期揭发 Detection for BRD



放牧区边界预警
Alerts from Pasture Borders

使用频繁的计步器传输、站立的数据建立虚拟围栏（无需电网）来探测每头牛的信号。

Using frequent pedometer transmissions, free standing, virtual fences can be created (no electrical grid is required) to detect a signal from each animal



放牧定位系统 ANIMALS/EQUIPMENT TRACKING

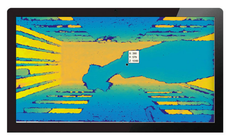
- 精准实时定位 Real Time Location
- 超长待机 Super Battery-saving
- 定时上传 Timing Update
- 芯片身份识别 ID with Chip System
- 轨迹回放 Track Replay
- 电子围栏 Electronic fence

Real-Time Tracking

Historical route

自动称重分群设备 AUTOMATIC WEIGHING AND SORTING

羊用自动称重分群系统
Sheep



- 可获取牲畜3D体型数据，扫描建模，数据可提交服务器建档保存
  Auto-grouping scale collects body weight data and uploads to server for further storage and analysis.

3D animal recognition, scans, details and analyses the cow.
Can be used for measuring BCS as well as the weight of the animal.

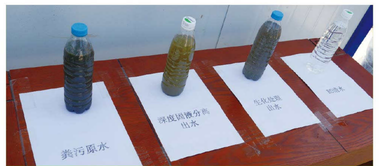
牛只自动保定分群系统
Beef cattle handling equipment

畜禽粪水深度资源化利用四合一模式　4 IN 1 ANIMAL MANURE RESOURCE ULITIZATION

复合微生物菌、高温灭菌秸秆粪肥还田、清水回用、垫料系统的全程无害化资源化的四合一模式

DIVERSE MICROFLORA, MANURE DECONTAMINATION AND LAND APPLICATION, WATER RECYCLING,
AND BIO-SAFETY AND RESOURCE REGENERATION BEDDING SYSTEM, 4-IN-1 MODEL

复合微生物菌 Diverse microflora



清水回用 Water recycling

垫料系统的全程无害化、资源化
Bedding Recovery System With whole processing of harmless treatment and resource reuse

高温灭菌秸秆粪肥还田
Manure
decontamination
and land application

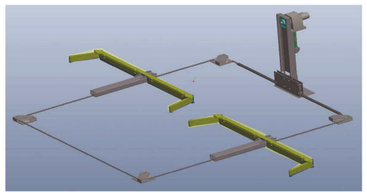
刮粪板　MANURE SCRAPER

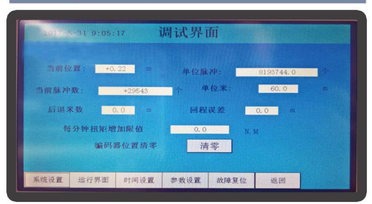
设定行程恒定，设置简单，PLC控制，全自动运行模式，可设定手动模式
Stable pre-set distance, easy setup, PLC control, full-automatic mode, manual mode also available.

超长型链条刮粪板
Dura-Chain Alley Scrapers

行走距离 Chain capacity: 1060 m

链条刮粪板
Chain scraper



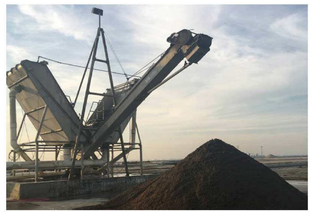


液压刮粪板
Hydraulic scraper

螺旋挤压固液分离机 SCREW PRESS SEPARATOR

- 出料固体含固率可达25-30%
  25-30% DM in the separated solids

斜筛式固液分离机 SLOPED SCREEN SEPARATOR



- 每小时处理量达100立方米，干物质高于35%的大型固液分离机
- 温度5度以上情况下，出料自然锥体自然发 酵2-5天即可用于卧床

- Large-scale separator handles up to 100 m^3 per hour and output dry matter >35%
- Output solid pile naturally ferments for 2-5 days and good for bedding when ambient temperature is over 5 °C

刮吸粪一体机 MANURE SCRAPER AND VACUUM TANKER

- 土地清理及复垦
  Land Cleaning
- 牧场道路修建
  Construction

其他多功能设备 OTHER MULTIFUNCTIONAL EQUIPMENT

多功能轮式伸缩臂叉装车
PIVOT STEER TELEHANDLER

- 液压驱动
  Hydraulic drive
- 单速静液压传动装置配有可调流量泵
  Single speed hydrostatic transmission with variable displacement pump

多功能滑移机
MULTIFUNCTION SKID-STEER LOADER

- 操作性强，可实现原地转向
  Convenient operation and all wheel steer loader
- 根据作业需求，可配有不同属具
  Different variations of skid steer attachments are available

制肥机 FERTILIZER GRANULATOR MACHINE

11JF-20

11JF-4

产品核心技术
Product core technologies

- 全自动
  Fully automatic
- 高温高活性复合功能微生物菌
  Active thermophilic microflora
- 全程监控系统、人机对话功能
  Whole-process monitoring system and human-machine interacting panel

产品优势
Product Advantages

01
升温快，无害化程度高
Fast temperature increasing capability, deep sanitization

02
结构紧凑 占地面积小
Compact structure

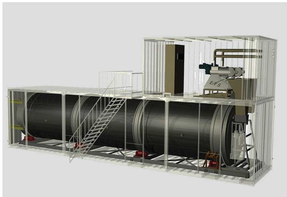
03
发酵速度快
Fast fermentation

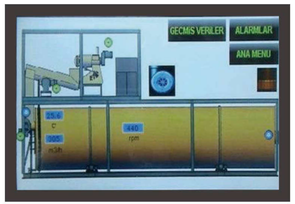
04
混合均匀度高
High mixing capability

该产品主要用于处理有机固体废弃物，在高温无害化处理发酵后，实现资源化利用，支撑优质的有机肥。有机肥含量高，养分全，符合NY525-2012国家农业标准。肥料回归土壤，可增加土壤有机质及养分。地力培肥，改良土壤，解决土壤板结和更性变差等问题，使土地实现良性循环和可持续性发展，从而达到资源化利用的目的。

Mainly for organic solid waste disposal. After high temperature fermentation, waste turns into organic fertilizer with rich humus, complying to NY525-2012 national standard. Applying organic fertilizer to the field can reverse the issues of soil sealing and degrading, and improve the long-term sustainability of cultivated fields.

牛床垫料再生系统 BEDDING MATERIAL RECYCLING SYSTEM





01
配备专门研发的耐磨性螺旋挤压固液分离机，含固率大于35%
Equipped with wear-proof screw press solid separator,dry matter > 35%

02
无需加热，仅依靠牛粪自身有氧发酵升温至70度以上
No need to pre-heat, Aerobic fermentation of cattle manure can exceed 70°C

03
符合最新的欧盟法规，在70°C发酵至少1小时的规定，杀灭99%以上的有害病菌
Comply with the latest EU regulation:70°C fermentation for at least 1 hour.Killing 99% of pathogens

04
用电脑或智能手机通过互联网远程监控系统运作，可编程的全自动PLC系统，操作方便
Can be remotely accessed by PC or smart phone via internet. Full automatic PLC system. Easy operating

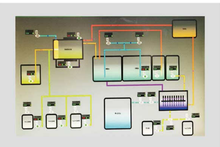
05
利用发酵后的牛粪做垫料，可以提高奶牛卧床舒适度，降低乳房炎发病率，可以提高产奶量
Use fermented manure as bedding to improve cow comfort and reduce mastitis incidence, and improve the milk yield

06
特殊高密度聚乙烯制成的转鼓，提供优良的热绝缘性和耐腐蚀性
Rotary vessel lined with HDPE to provide perfect thermal-insulation and corrosion-proof

粪水处理 SEWAGE TREATMENT

- 根据客户需求定制水质处理达标程度
- 模块化组合，适合不同规模、不同排放要求
- 运行成本低，管理智能化
- Water treatment standards are made to the customer 's request
- Modular combinations, suitable for different scale and emission requirements
- Low operation cost, intelligent managament

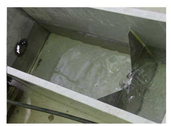
可使用电脑及移动终端随时监控
Accessed By PC And Mobile Anytime



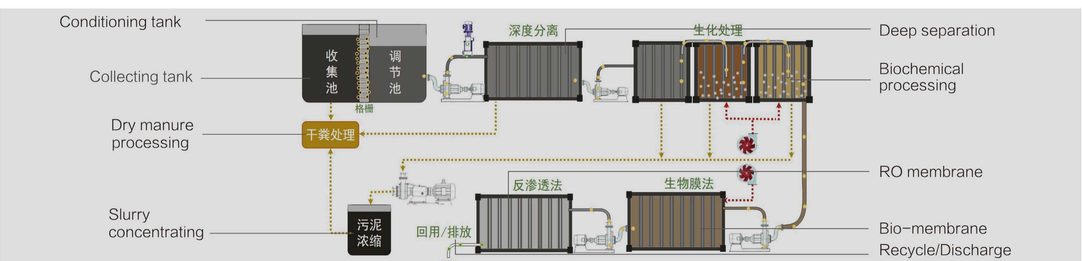
出水效果
Output Water Demo

原水
Before treatment

深度处理后
After further separation



工艺流程图
Typical Goke Livestock Wastewater Treatment Process



粪水发酵囊 FARM SLURRY LAGOON

根据客户不同需求优化配置
We can deliver slurry lagoons according to individual specifications .

- 对环境无污染，雨污分离，避免氮损失
  Enviromental friendly, sealed fermentation to reduce N loss
- 专业HDPE材质，高强度，使用年限高
  High density polyethylene HDPE with high strength & durability
- 高抗穿刺性
  High puncture resistance
- 能承受高温/寒冷天气
  Withstands heat/cold weather fluctuations
- 高抗渗性、高屈服强度和焊缝强度
  High impermeability, and high yield and welded seam strengths

固态粪肥还田机 SOLID MANURE SPREADERS

先进的液压控制系统可精确控制肥料输送速度，从而实现每亩施肥量精确设定。
Advanced hydraulic control system accurately controls manure transfer speed and ensure precise application in every unit of land.

有机肥抛撒机 ORGANIC FERTILIZER SPREADER

此款牵引式抛撒机配有机械传动的立式搅拌搅龙和抛撒搅龙。
出料门为液压驱动，可根据情况调节开启幅度。
The vertical augers and spreading augers of the trail-typed machine are driven by a durable mechanical system;
Hydraulic adjustment of the discharge.

液体粪肥还田机 LIQUID MANURE TANKERS

可实现由低到高的可控变化，配备多种辅助装置，实现不同的喷射形状，更能实现不同的喷洒效果，从地表喷洒到地下30公分。
Equipped with various accessories to reach different projecting levels and patterns, from surface to 30 cm underground.

该中心收集来自距离400米-6公里的12个以内猪场和牛场粪水
Collects manure from 12 pig farms and cattle farms ranging from 400 m – 6 km

粪水由离心泵经管网系统输送 Manure is transported by centrifugal pump and pipe network
所有粪水进入1兆瓦沼气站 All manure enters into 1MW biogas station

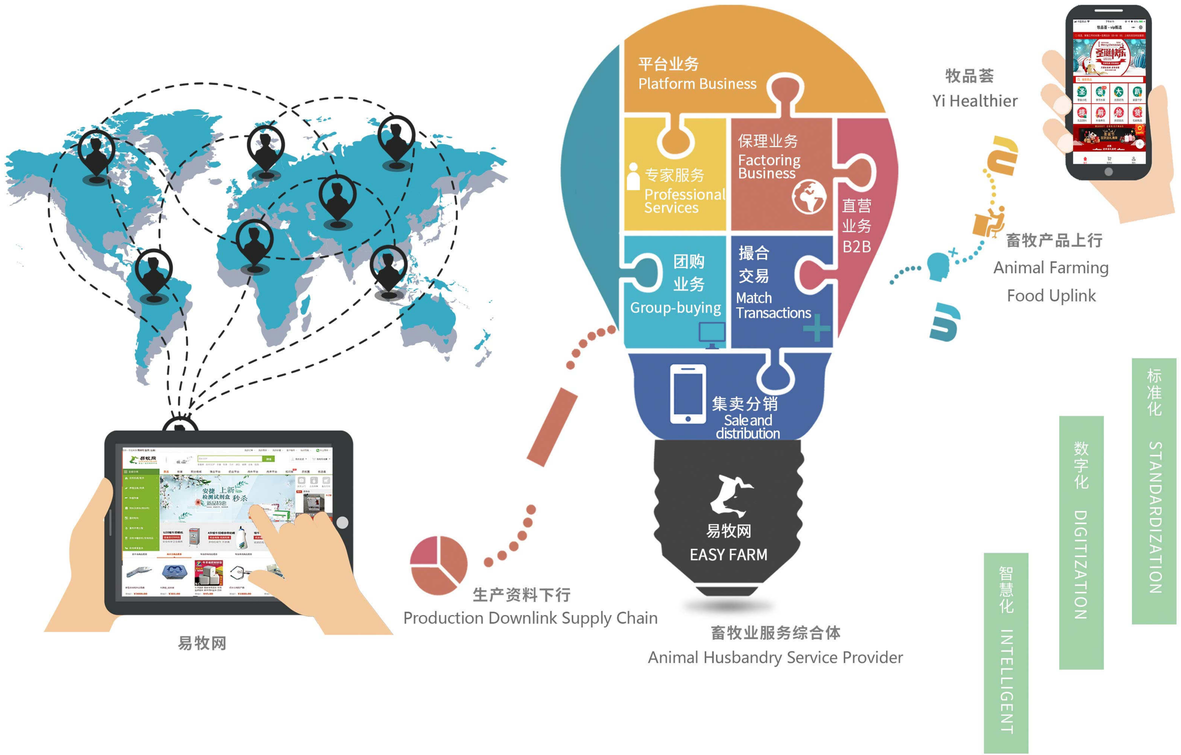
01
40%用于中心发电
40% to generate electricity

02
其余60%出售
60% to be sold

03
余热回收发电1.4兆瓦
Waste heat is used to generate 1.4 MW electric-ity

04
沼液及沼渣经污水净化系统处理
Biogas effluent and residue is processed by the wastewater recycling system

05
处理后的固体作为有机肥利用
Processed solid is utilized as organic fertil-izer



大牛电动去角器
Electric horn removal

剪式去角器
Farmhand dehorner

去角膏
Hornex

牛蹄垫新手专用
Walkease

镀钨涂层刀片
Special tungsten coated cutting blades

彩色B超诊断仪
Digital ultrasound diagnostic instrument color doppler

一次性医用橡胶检查手套
Rubber gloves

碳膜特种润滑油
Carbon film special lubricating oil

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MVIP100.COM

牧品荟－食品电商平台
YI HEALTHIER—FOOD E-COMMERCE PLATFORM

打造全程可追溯的、健康、安全食材管家
PRODUCE HEALTHY AND SAFE FOOD WITH FULL TRACEABILITY

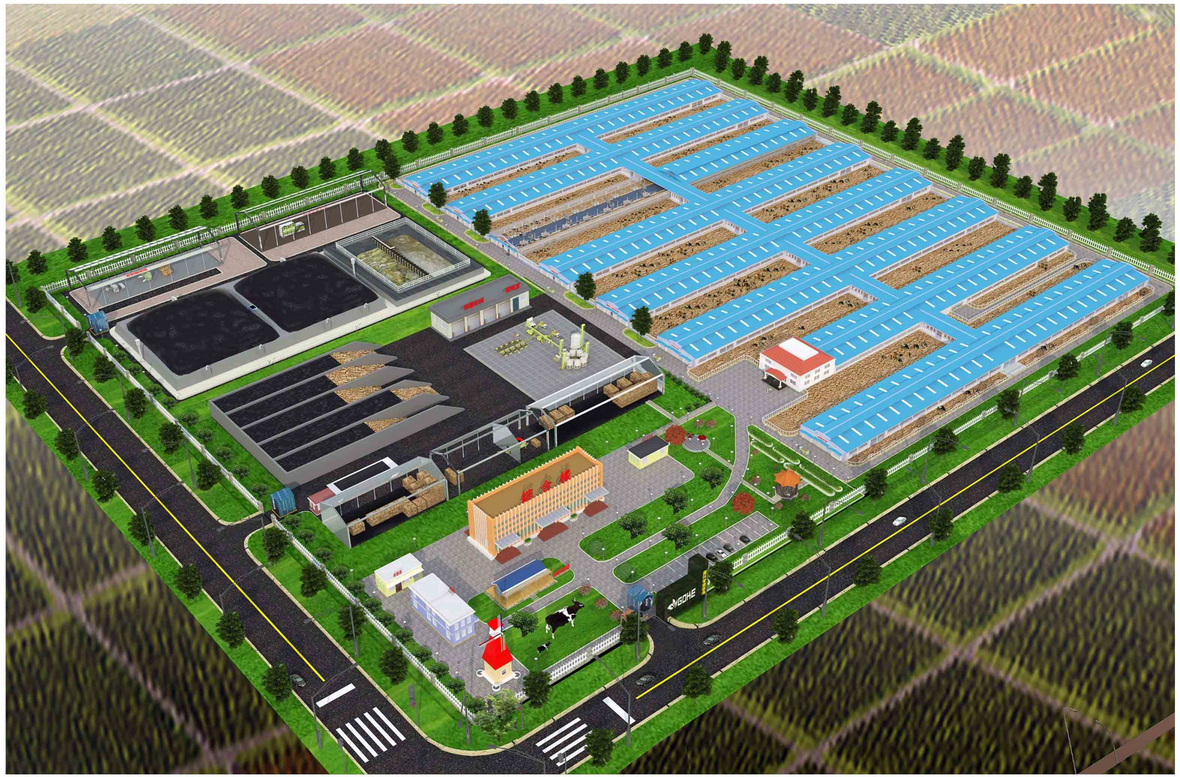
平台篇
Platform Development
自主研发电商交易平台，B2B B2C两种模式运营，精准匹配供需，快速周转
Independent research and development, e-commerce trading, B2B, B2C modes of operation. Accurately matching supply and demand, rapid turnover

渠道传播篇
Source-Channel Communication
社群、直播、社区厨房、众帮众筹、会员分销、集供特需
Social community, live stream, community kitchen, organize the offline events

供应链篇
Supply Chain
以自有仓储为中转，将直供产品分选检配，通过国内知名物流企业完成配送
Delivering from the self-owned warehouse. Sorting and distributing the Farm-direct supply product through the well-known domestic logistics enterprises.

产品篇
Production
5000家合作牧场源头供应
5000 cooperation farms

肉
BEEF

奶
MILK

蛋
EGG