

MAKE BREEDING SIMPLE



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IMETEC

**ONE-STOP SERVICE PROVIDER FOR
GLOBAL LIVESTOCK INTELLIGENT EQUIPMENT**

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8 OUT OF 10 LISTED DAIRY COMPANIES CHOOSE IMETEC

COMPANY PROFILE



IMETEC Shandong intelligent Equipment Group Co., Ltd

IMETEC Shandong intelligent Equipment Group Co., Ltd is a national high-tech enterprise specializing in the research, development and export of intelligent livestock equipment, we have been focusing on intelligent ranch equipment for 27 years.

We can supply livestock equipment such as TMR feed mixer, robot feed pusher, manure collector, leftover collecting machine, manure spreader, feed spreader silage loader, feeder, feed pusher, manure collector, cow headlock and free stall, cow water trough, calf feeder, bed looser, etc 8 series and 200 kinds products.

Among them 57 products in four categories have been included in the national agricultural machinery subsidy promotion catalog.

It is widely exported to more than 20 countries. and is the top choice supplier of many listed dairy companies such as Yili and Mengniu.



Flow Chart of Must Have Equipment for Ranches

Collected and Integrated
Four Sets Series



Self propelled TMR Feed Mixer



Intelligent Robot Feed Pusher



Feeding Robot



Multifunctional Forklift Truck

Traditional Nine Sets Series



Silage Loader



Feed Mixer



Feed Spreader



Bedding spreader



Leftover Collector



Feed Pusher



Manure Collector



Solid Manure Spreader



Liquid Manure Spreader

Self Propelled TMR Feed Mixer

GROUP RANCHES THE
FINAL FEEDING SOLUTIONS

ONE 10000COWS FARM
NEEDS ONLY FOUR SETS

New Energy Self Propelled Tmr Mixer

PRODUCT FEATURES

- ▶ One machine replaces four machines and breaks through of self propelled TMR feed mixer in China.
- ▶ Whole machine is hydro static driven and main parts are imported.
- ▶ Taishan Yunhuirong small procedure can realize the full life control of machine and after sales is guaranteed.
- ▶ The whole machine is guaranteed for 3 years and can be paid by installments.

Spec: 12–30cbm can be tailor made.



PRODUCT FEATURES

- ▶ Designed exclusively for pastures to respond to the demands of green low-carbon operation and cost reduction with efficiency improvement, it is a pure electric total mixed ration (TMR) preparation equipment. It fully replaces the traditional traction and fixed feeding modes, and only 4 units are needed to complete the entire feeding work in a 10,000-head pasture.
- ▶ Green, Low-Carbon & Sustained Cost Reduction: Adopting a pure electric drive system, it is energy-saving, environment-friendly, zero-emission and low-noise. Equipped with CATL battery packs, it features high safety and reliability, further reducing the feed processing cost to less than 2 yuan per ton.
- ▶ Intelligent Integration & Simple Efficiency: The real-time operation monitoring system integrates the latest scientific research achievements, supporting remote control, intelligent scheduling and other functions. It can optimize feeding schemes and reduce manual intervention, bringing unmanned operation closer to reality.
- ▶ Cloud Interconnection & Clear Visibility: Whether it is feed adding or feeding, the intelligent feeding management system records data in real time — the feeding amount for each barn can be monitored at any time. The cloud-based formula communicates with the mixer in real time, realizing the interconnection of people, machines and things.



Multifunctional Robot Feed Pusher

PUSHING

AND FEEDING

Intelligent Unmanned Feeding Vehicle

PRODUCT FEATURES

- ▶ This feed pusher use high precision ultrasonic navigation system and can draw maps itself.
- ▶ Adjust driving speed automatically, precision positioning, intelligent obstacle avoidance and charge automatically.
- ▶ Can be connected to intelligent platform and can be checked time-to time on phone.
- ▶ Key-less go system, Cruise Control, Feed pusher on time.

Size: Single functional

Cow identification, Environmental control, sanitation and delicate feed supplement can be installed as request.



Available in cone and barrel types.



PRODUCT FEATURES

- ▶ Replaceable upper equipment enables functions such as feeding, forage distribution and disinfection.
- ▶ The coordinated operation of unmanned and manned dual modes simplifies the cumbersome feeding process.

Dual-Mode Free Switching:
Supports free switching between manned and unmanned models.



Leftover Collector Series

PRECISION FORMULATION PLUS MIXING
AND FEEDING AND LEFTOVER
COLLECTING MEANS COST SAVING

PRODUCT FEATURES

- ▶ Whole hydraulic controlled and operate is simple.
- ▶ Weighing system is installed and FWD and TWD can be tailor made.
- ▶ Multifunctional and can transport the materials to appointed places.

Spec: 3-30cbm available



Self-discharging type



Collecting and spreading type



Collecting, Mixing and spreading type



PRODUCT FEATURES

- ▶ Full hydraulic controlled and low failure rate.
- ▶ Self propelled and can be horizontal walking designed.
- ▶ Can prevent diseases caused by bad silage.

Height: 3–9 meters available

Width: 1.2–2.4 meters available



Vertical Pull Type TMR Feed Mixer Tailor Made Type

PRECISE

FEEDING



PRODUCT FEATURES

- ▶ Carbide coated blades and longer life and can be used for 1500-2000hours.
- ▶ Vertical Auger and cutting forms a three-dimensional multi-circulation system.
- ▶ Guarantee the full cutting and mixing of feeding materials.
- ▶ High Strength axle and is more stable.



Vertical Pull type TMR Feed Mixer

PRECISE FEEDING

PRODUCT FEATURES

- ▶ Special vertical mixing system and can mix food uniformly.
- ▶ Imported gear box and reliable and stable.
- ▶ One key hydraulic door opening and simple operation.

Spec: 3-48cbm available



Vertical Static type TMR Feed Mixer

PRECISE FEEDING

PRODUCT FEATURES

- ▶ High strength wear resistance steel and Resistance slot box.
- ▶ Carbide coated blades and longer life.
- ▶ Heavy-duty double reduction system and operate stable .
- ▶ Frequency conversion start, one-key controlled for residual removal.

Spec: 3–60cbm available



Horizontal static TMR Feed Mixer

PRECISION

MIXING

Horizontal Pull Type TMR Feeding Mixer

PRODUCT FEATURES

- ▶ Specially designed auger knives and can be reused after angle changed.
- ▶ The main auger is saw type designed and can mixer better.
- ▶ High strength box and durable.



Spec: 3-30cbm available



Truck Loaded TMR Feed Mixer

TRUCK

LOAD

Self Made Chassis TMR Feed Mixer

PRODUCT FEATURES

- ▶ Self propelled TMR used special truck base.
- ▶ The power is provided by engine and is stable.
- ▶ The Auger is driven by gear box and rotary speed is between 16-30rad/min.
- ▶ Hydraulic double door designed.
- ▶ Precise weighing system can provide right weight of materials.
- ▶ Imported hydraulic pump.

Spec:3-30cbm available



PRODUCT FEATURES

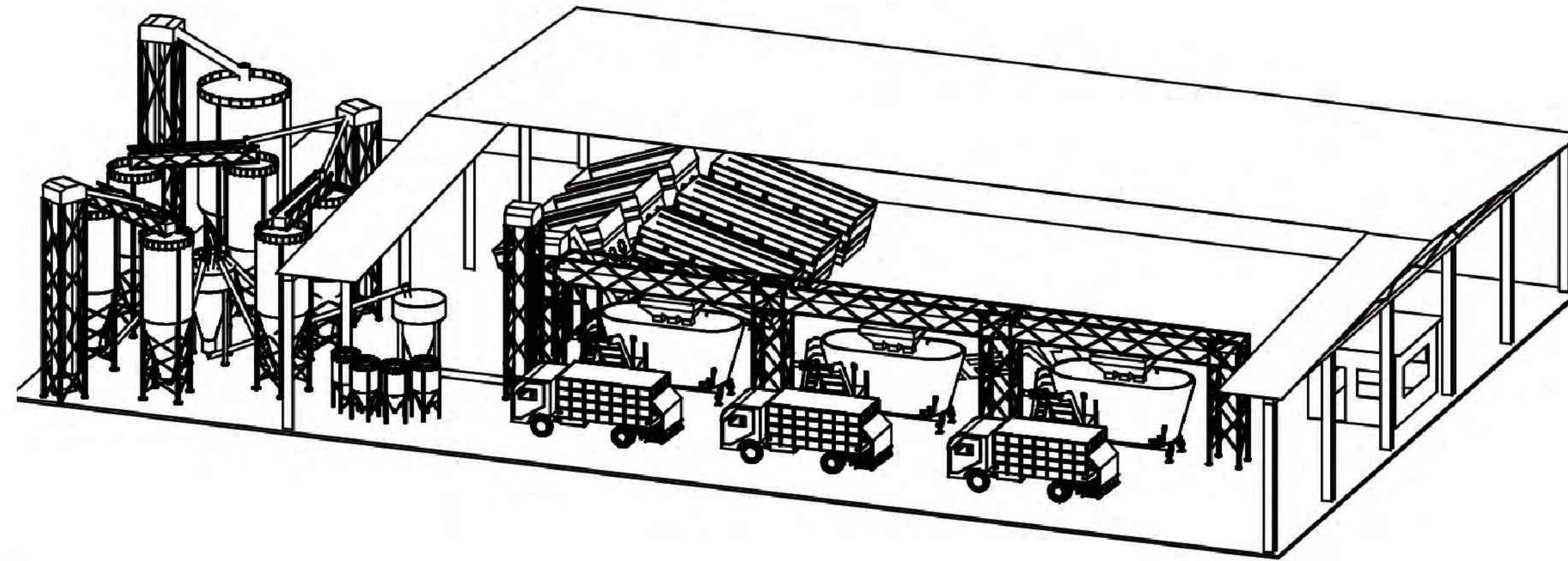
- ▶ Integrated design and labor saving.
- ▶ Main parts of pump, motor and valves are imported and stable.
- ▶ YuChai, Yunnei or Special engineering engine.
- ▶ Mechanic and hydraulic driven and maintenance is simple.

Spec: 3-30cbm available



PRODUCT FEATURES

- ▶ Centralized feeding.
- ▶ Intelligent adding.



Electric self made Chassis Spreader

PRODUCT FEATURES

- ▶ Sturdy homemade chassis ensures high reliability and stability when operating under complex conditions.
- ▶ Electric drive with hydrostatic system provides smooth travel and stepless speed regulation.
- ▶ Uniform and accurate feed distribution reduces waste and improves feeding efficiency.
- ▶ Easy maintenance, low failure rate and economical operating costs.



Hydrostatic Drive Homemade Chassis Spreader

PRODUCT FEATURES

- ▶ Sturdy homemade chassis delivers high stability and long service life during operation.
- ▶ Hydrostatic drive guarantees smooth travel and stepless speed regulation.
- ▶ Uniform feed distribution without loss, enhancing animal feeding efficiency.
- ▶ Easy maintenance, low failure rate and convenient operation.



Truck loaded Feed Spreader Series

PRECISE BEDDING

SPREADER

Medium And Heavy Truck Loaded Feed Spreader Series

PRODUCT FEATURES

- ▶ Foton base, Strong traffic-ability and drive comfortable.
- ▶ Scraper or auger transfer, single or double discharging can be tailor made.
- ▶ Weighing system can be added and feeding can be more precise.

Spec: 8-56cbm available.



Spec: 16-36cbm available



Multifunctional Feed Pusher

PRECISE
48-72V CAN BE

PUSHING
CUSTOMIZED

Three-Wheeled Electric Pusher

PRODUCT FEATURES

- ▶ Charge for 8 hours for 100 km.
- ▶ The traction frame at the back of the feed pusher can load 500kgs.
- ▶ Special designed frame, rear wheel drive and front turn, flexible.
- ▶ Maintenance free battery can avoid damage caused by missing of battery replenishment fluid.



PRODUCT FEATURES

- ▶ Front flipping avoids feed accumulation and heating during cattle feeding.
- ▶ With front-wheel drive, rear steering and integrated new energy lithium battery design, it can adapt to narrower spaces and keep cattle and sheep healthier.



PRODUCT FEATURES

- ▶ Strong power and flexible, smaller Turning Radius.
- ▶ Hydraulic controlled conveying and spreading system can spread more uniformly.
- ▶ Can spread 0-3.5meters wide.
- ▶ Labor saving and effective in bedding spreading.

Spec: 5/15T – 30/15T cbm available.



Self Propelled Manure Collector

INTELLIGENT MANURE COLLECTING
AND TRANSPORT TO APPOINTED PLACES

PRODUCT FEATURES

- ▶ FWD or TWD is available.
- ▶ Can collect manure quickly and avoid second pollution.
- ▶ High strength and Corrosion resistance chain.

Spec: 2-30cbm available



PRODUCT FEATURES

- ▶ Hot dip galvanized and durable.
- ▶ Imported pump, motor and hydraulic system .
- ▶ Various Spraying devices at the back can be chosen.

Size: 6–30cbm available



PRODUCT FEATURES

- ▶ Double auger can help crush fertilizer into smaller pieces .
- ▶ You can also transport the silage and corns by change the back device. It can spread very wide and low residue.

Size: 6–30cbm available



PRODUCT FEATURES

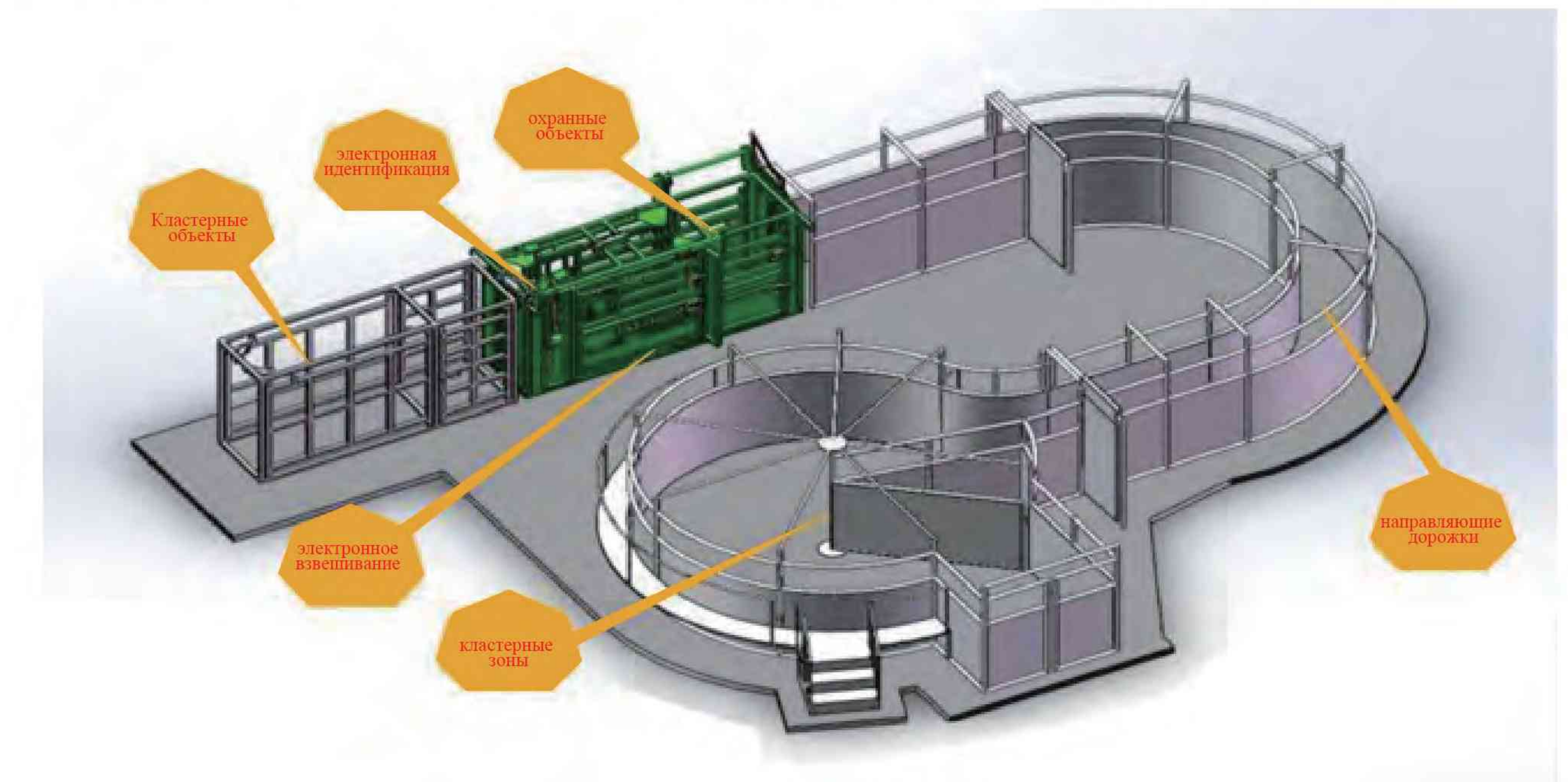
- ▶ Precise feeding.
- ▶ Intelligent identification.



PRODUCT FEATURES

- ▶ Intelligent grouping.
- ▶ Body management.

Cow fix, weighing and grouping system display drawing



Multifunctional Skid Steer Loader

STACKING AND

CLEANING

9DT- II /Electric loader

PRODUCT FEATURES

- ▶ Multifunctional and various attachments can be changed and especially for small space .



Cow bed looser



Cow bed looser



Box type scrapper



grapper



PRODUCT FEATURES

- ▶ Environmental and zero emissions.
- ▶ Low power consumption and cost.
- ▶ Low noise and vibration.
- ▶ Smart and efficient.

Designed for lifting and moving loads on construction.



MSW/Telescopic arm loader

PRODUCT FEATURES

- ▶ The double lifting cylinder has sufficient power to reduce the friction pressure of the pulley group and extend the service life.
- ▶ Heavy-duty axles, optional engines suitable for domestic and export emission standards in different regions around the world.
- ▶ Comfortable operating cad, air conditioning, heating, reversing image fan, wave pressure electronic control pilot, new driver and parking luxury seat.
- ▶ Nearly 100 kinds of auxiliary equipment can be replaced.



Color can be tailor made



MTS/Telehandler

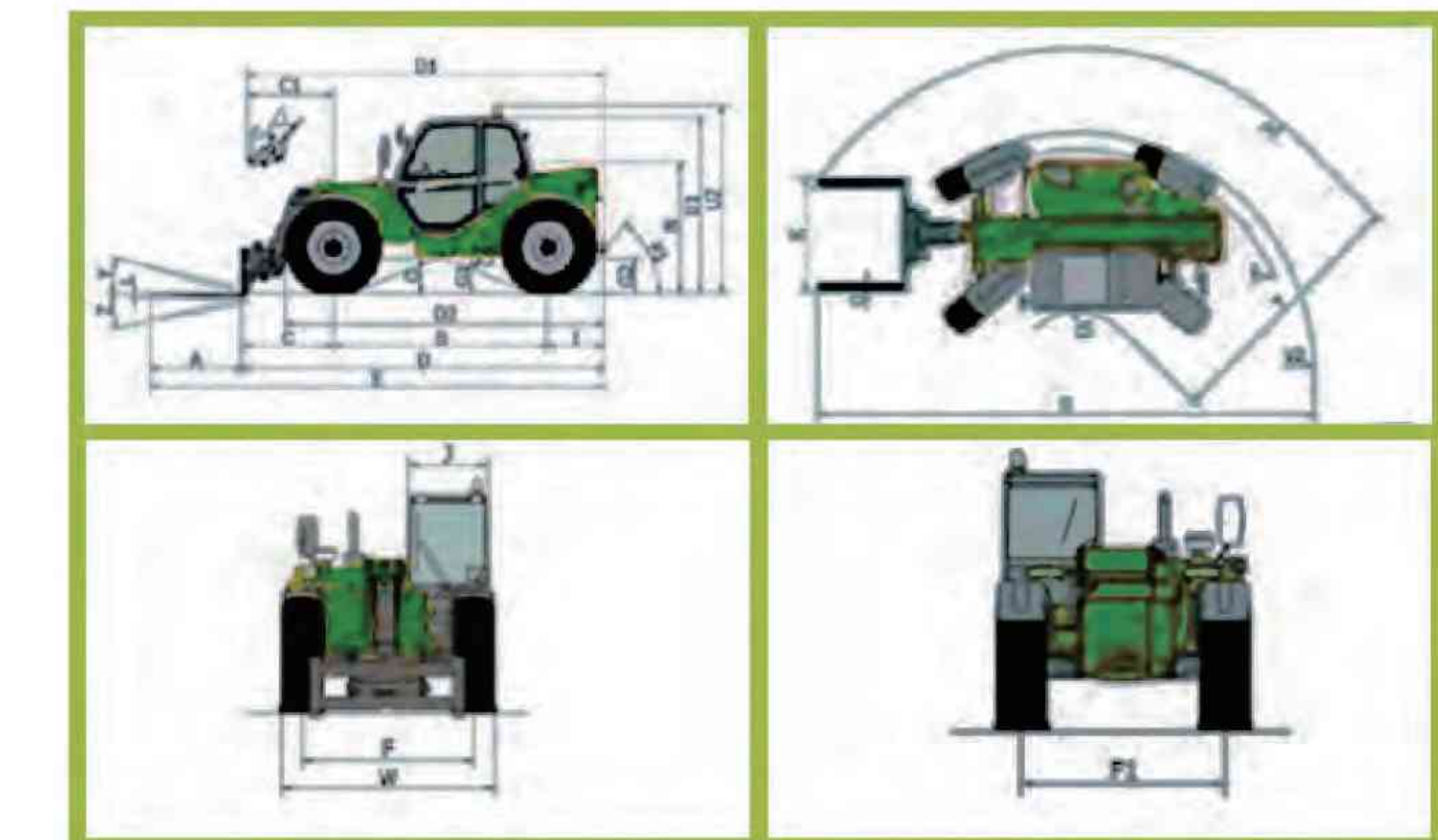
PRODUCT FEATURES

- ▶ Imported hydraulic system such as pump, motor and axle.
- ▶ All-terrain four-wheel drive four-steering can crab walking.
- ▶ 100 kinds of attachments are available to realize push, pull, lift, push and shovel etc.

Size: 2-5tons

Height: 6-18meters can be tailor made

Color can be tailor made



wheel loader

PRODUCT FEATURES

- ▶ Strong power, low fuel consumption, long-term operation without burning the engine, fuel saving.
- ▶ Adopt thickened and enlarged bucket, anti corrode and rust, and widely used.
- ▶ Various specifications available, can be customized according to customer needs.



Backhoe loader

PRODUCT FEATURES

- ▶ Powerful power, high efficiency and fuel saving, reasonable structure and comfortable cab.
- ▶ Suitable for small spaces, can be driven in both directions, quick and convenient rear control.
- ▶ Front shovel and rear digging. With side shift, it can move left and right, greatly increasing work efficiency.

