

UHAND

LEVERAGING HIGH-STANDARD COLLABORATION
TO MAXIMIZE VALUE AND RESULTS

reliable after-sales support
uhand after-sales consultation
online consultation available for all equipment.

Remote Technical Support
Operation docs & remote troubleshooting
provided.

Web:www.qdyhxm.com
E-Mail:info@qdyhxm.com
ADD:100 Meters East of Jing 8th Rd., South of Wei 13th Rd.,
Jiangshan Town, Laixi City, Qingdao, Shandong Province, China

UHAND
LEFTOVER FEED COLLECTOR

FEEDING SOLUTIONS SPECIALIST



UHAND AGRITECH CO.,LTD.

INTEGRITY | INNOVATION | SERVICE | EFFICIENCY

MAXIMIZING ROI: SOLVING THE **5%** DAILY WASTE

Redefining Feed Refusal Management for Mega-Farms

UNBEATABLE RUNNING COSTS

Fuel Consumption	Engine Oil Maintenance	Gear Oil Reservoir Replenishment
< 5 L/hour	7 L/month	15 L/quarter



SINGLE OPERATOR, 6-MIN ULTRA-FAST BARN CLEANING

SMART RECOVERY & OPERATOR COMFORT

Three Engine Options Available



Weichai China-Stage III



Yuchai Euro V



Volvo EPA

SUPERIOR FEED RECYCLING PERFORMANCE

- Equipped with integrated weighing, noise reduction and spreading devices;
- feeding software connection available as an optional extra for leftover feed redistribution.

→ Up to **95%** recovery rate for powder feed.



Loader Receiving Materials

Leftover Feed Collector Receiving



Integrated control for simple, efficient operation.



Recycled feed for other herds reuse

UHAND
LEFTOVER FEED COLLECTOR



OVERVIEW OF LEFTOVER FEED COLLECTOR STRUCTURE



Feed Gathering Head



Front Sweeping Brush



Rear Dual-Side Discharge



Cab Control System



Weighing System



5545 Gear Reducer



Sprocket Coupling



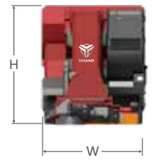
Engine Filter



Drive Shaft







LEFTOVER FEED COLLECTOR - FC SERIES

Model		FC-10	FC-12	FC-16
Dimensions (L × W × H)	mm	8100*3200*3200 (Working)	8750*2900*3400(Working)	9300*3200*3400(Working)
		7300*2900*3400 (Driving)	8400*2800*3400 (Driving)	8700*2900*3400 (Driving)
		8000*2900*3400 (Transport)	8700*2800*3400 (Transport)	9000*2900*3400 (Transport)
Curb Weight / Unladen Weight	kg	7500	8500	9200
Rated Payload Capacity	kg	5500	6000	6500
Actual Payload Capacity	kg	4000	4700	5800
Effective Hopper Volume	m³	10	12m³	16m³
Minimum Turning Radius	m	Approx. 6 m	Approx. 7 m	Approx. 7 m
Tire Specifications		Front: 8.25R16 / Rear: 7.50R16	Front: 8.25R16 / Rear: 7.50R16	Front: 8.25R16 / Rear: 7.50R16
Operating Speed	km/h	2.5-25	2.5-25	2.5-25
Collection Width	m	1.9	1.9	1.9
Engine Model		Weichai WP4.1G, 140 hp	Weichai WP4.1G, 140 hp	Weichai WP4.1G, 140 hp
Power	kW	103	103	103
Gear Shifting Method		Manual Transmission (4-Speed)	Manual Transmission (4-Speed)	Electronic Gear Shift Control
Control Method		Electronic Push-Button Control	Electronic Push-Button Control	Electronic Push-Button Control
Weighing Indicator Model		Avery Weigh-Tronix 201	Avery Weigh-Tronix 201	Avery Weigh-Tronix 201
Weighing Range	t	4*5	4*5	4*10

Product vuals and specs are for reference. Slgnt dfererces may ocur due to producton batches or upgrades, wthout afecting usage The acual roduet shallprevall

THE STORY OF UHAND LEFTOVER FEED COLLECTOR

From a farm problem to a leading solution in China's dairy industry

UHAND

2017 THE PROBLEM STARTEDIN LARGE DAIRY FARMS

Large-scale dairy farms in China-such as Leyuan Dairy and Modern Dairy faced a very practical problem:

Collecting feed refusals was expensive and inefficient.

A typical workflow required:

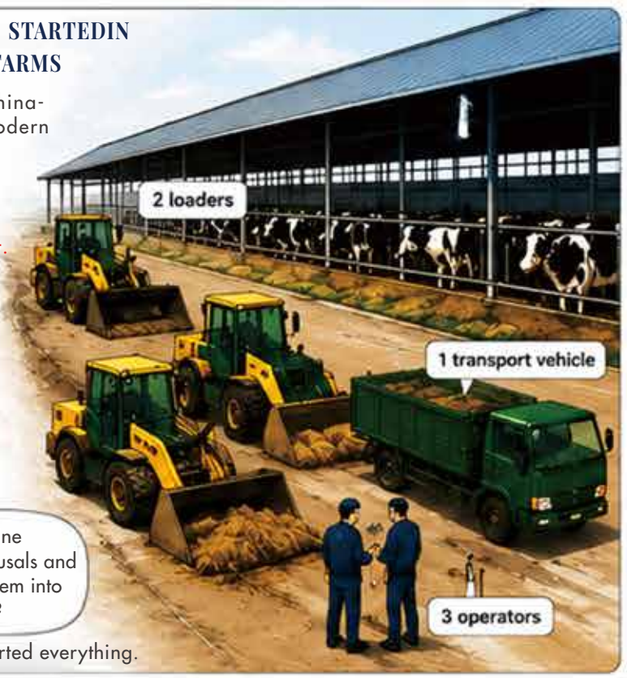
2 loaders
1 transport vehicle
3 operators

The farms asked a simple question:



Can one machine collect feed refusals and directly load them into the TMR mixer?

That question started everything.

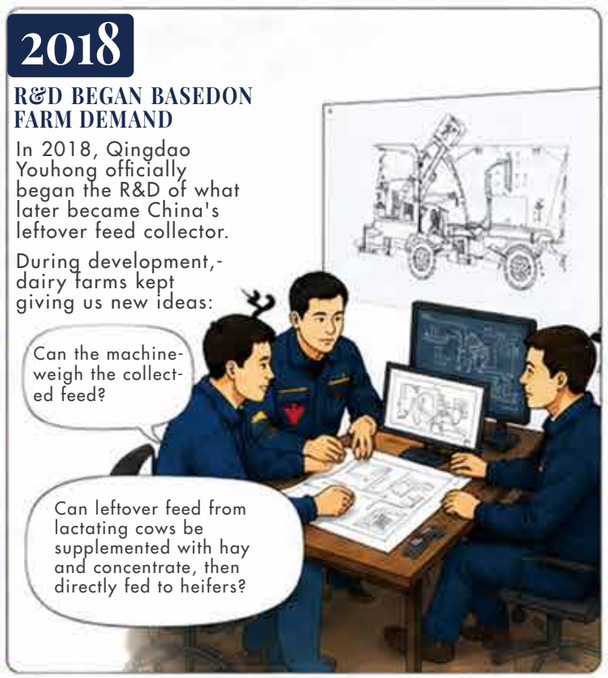


2018

R&D BEGAN BASEDON FARM DEMAND

In 2018, Qingdao Youhong officially began the R&D of what later became China's leftover feed collector.

During development,-dairy farms kept giving us new ideas:



2020 THE FIRST GENERATION MACHINE WAS COMPLETED

In April 2020, the first generation machine was completed.

However, after testing,several major problems appeared:

- ✓ Excessive power consumption
- ✓ Inaccurate dynamic weighing
- ✓ High fuel consumption
- ✓ High failure rate

So we made a difficult but important decision:
Instead of forcing the machine to become a mixer, we refocused on three core functions:



Collection + Weighing + Refeeding





Mixer function removed.
Focus on what truly matters.

2021 REDESIGNED MACHINE ENTEREDFIELD TESTING

In 2021, the redesigned machine entered large-scale field testing at dairy farms under Modern Dairy, Leyuan Dairy and Youran Dairy.

During testing, we continuously improved the details:

- ✓ Optimized conveyor belt materials
- ✓ Added spreading augers
- ✓ Improved feeding uniformity and machine stability



COMPETITION AND REALITY

At the same time, several domestic competitors in China also launched similar products.

But because of high failure ratesand unstable performance,most of them quickly disappeared after trial orders.



2022 OFFICIALLY LAUNCHED TO THE MARKET

In 2022, the Youhong leftover feed Collector was officially launched to the market.
Because of its stability and practi-cality,it rapidly became one of the most recognized products in China's dairy equipment industry - and it continues to be widely used today.



GENERATION 1 - DISCONTINUED



- ✕ High power consumption
- ✕ Inaccurate weighing
- ✕ High fuel consumption
- ✕ High failure rate
- ✕ Mixer function (removed)

UPGRADED MODEL - STABLE & PRACTICAL



- ✓ Collection
- ✓ Weighing
- ✓ Feeding
- ✓ High stability
- ✓ Widely used in China

2026 NEW electric model



THIS STORY IS STILL CONTINUING

For us, machinery should never be developed only inside a factory.
Real innovation comes from listening to the daily problems of dairy farms.If your farm still has operational pain points, we are always willing to listen.



THAT HAS ALWAYS BEEN THE ORIGINAL PURPOSE OF UHAND

- Listen to Farm Problems
- Engineer Better Solutions
- Ensure Reliable Performance
- Grow Together with Farms

QINGDAO YOUHONG LIVESTOCK MACHINERY CO., LTD
UHAND AGRITECH CO.,LTD.