

# UHAND FEED SPREADER



## Core Advantages of the Product

**Efficient Feeding, Time and Labor Saving:**  
Completes the feeding operation in one go, simplifying the feeding process and reducing the variability caused by manual intervention, thus improving management accuracy.

**Double-Side Feeding, Double the Efficiency:**  
Supports feeding to both sides of the vehicle, significantly shortening feeding time and improving overall operational efficiency.

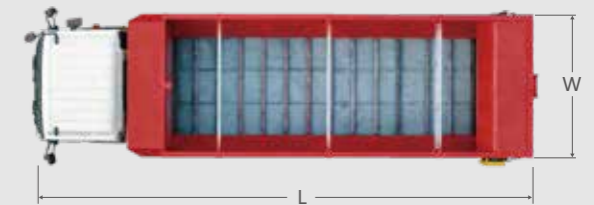
**Flexible Adaptability, Convenient Passage:**  
With strong mobility and a small turning radius, the equipment can easily maneuver in narrow feeding aisles and adapt to different site layout needs.

**Adjustable as Needed, Precise and Controllable:**  
During the feeding process, the feed amount and speed can be flexibly adjusted based on the density of livestock in the feeding area, preventing feed waste or underfeeding.

## FEED SPREADER - FS SERIES

Model	FS-05	FS-06	FS-07	FS-10	FS-12	FS-16P	FS-18P	FS-20P	FS-24	FS-30P	FS-32	FS-36	FS-40P
Overall Dimensions (L*W*H) mm	4640*1700*2600	4640*1700*2700	4640*1700*2850	6450*2250*2560 /2860	6400*2320*2850 /2950	7400*2850*3200	8000*2850*3250	8500*2850*3250	9600*2850*3250	10200*2850*3300	10200*3000*3450	10500*3000*3450	10700*3000*3700 /3600
Capacity m <sup>3</sup>	5	6	7	10	12	16	18	20	24	30	32	36	40
Compatible Vehicle	Wuzheng	Wuzheng	Wuzheng	Kaima	Kaima	Kaijie/Foton	Kaijie/Foton	Kaijie/Foton	Jiefang/Foton	Jiefang/Foton	Jiefang/Foton	Jiefang/Foton	Jiefang/Foton
Emission Standard	-	-	-	National VVI	National VVI	National V	National V	National V	National VII V	National VII V	National VII V	National VII V	National VII V
Engine Power	28 hp	28 hp	28 hp	115 hp/150 hp	115 hp/150 hp	≥140 hp	≥140 hp	≥140 hp	≥220 hp	≥220 hp	≥220 hp	≥220 hp	270 hp
Max Load Capacity kg	2000	2000	2000	8000	8000	10000	10000	10000	15000	15000	15000	20000	20000
Machine Weight kg	2100	2200	2200	5800	5800	7800	7900	8500	10000	11000	12000	14000	15000
PTO Method	Direct Engine	Direct Engine	Direct Engine	Direct Engine	Direct Engine	Direct Engine	Direct Engine	Direct Engine	Full PTO/Direct Engine	Full PTO/Direct Engine	Full PTO/Direct Engine	Full PTO/Direct Engine	Full PTO/Direct Engine
Hopper Drive Type	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate	Chain Plate
Chain Model	Cottered Chain	Cottered Chain	Cottered Chain	Cottered Chain	Cottered Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain	Offset Sidebar Chain
Chain Quantity	2	2	2	2	2	2	2	2	2	2	2	2	2
Control Method	Manual	Manual	Manual	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric

\*Product images & specs are for illustrative purposes only. Minor variations (due to production batches or upgrades) may occur, with no impact on core functions. Actual product shall prevail. For inquiries, contact our sales team.



# UHAND FEED SPREADER



## PERFORMANCE OVERVIEW

The chain scraper material conveyor system provides a large discharge volume with uniform distribution, and the residual material in the box is  $\leq 3\text{KG}$ . The special chain (non-lubricated, non-stretching) ensures the stability of the entire vehicle.

### Low Energy Consumption

Saves about 5,500 liters of fuel per year (for 10,000 head), reducing costs by approximately 5,797 USD. The power requirement is lower for the same specifications, resulting in low energy consumption. The daily fuel consumption ratio for a 30 cubic meter feed spreader is: Chain Scraper/ Auger = 45L/60L.

### Low Operating Costs

Saves 2,174 to 2,918 USD annually on transmission parts costs. The chain scraper system can last 8-10 years, while the auger system lasts only 1.5-2 years. Replacing the auger costs around 4,347 to 5,797 USD each time.

### Low Failure Rate

The special chain and unique drive system ensure a low failure rate for the vehicle, reducing maintenance costs and increasing the vehicle's uptime.

### Preserves the Structure of the Diet

The chain scraper feeding vehicle delivers the feed in a whole mass, preventing feed stratification inside the hopper. The comparison of feed samples from the mixer discharge and feeding passage shows a CV value variation rate of less than 5%.

Note: All prices are based on the Chinese domestic market.



Chain Scraper Structure Inside the Hopper



### Chain Structure:

The internal hopper has minimal residue, reducing the mold growth caused by feed residue, which can impact feed intake, milk production, and weight gain.



### External Hydraulic System:

Does not come into contact with the feed, preventing feed loss and performance issues due to hydraulic oil leakage into the hopper.



Rubber Belt at Discharge Outlet:  
Provides durable and stable output.



Electronic Control System:  
Provides the operator with ease of use, accuracy, and responsiveness.