



ZHENGZHOU RUNXIANG MACHINERY EQUIPMENT CO.,LTD

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Quotation for silage chopper

Introduction

A forage harvester (or silage machine) is a specialized piece of agricultural machinery designed to perform the entire process—including cutting, feeding, chopping, grain cracking, and conveying into a transport vehicle—in a single operation. Primarily used to process green crops such as corn, sweet sorghum, and alfalfa into silage, it is widely utilized in large-scale livestock farming and for the resource utilization of crop residues.

silage chopper





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Product Technical Information

silage chopper



4HZ-1600

QC-1800 Tracked

QC-1800 Wheeled

model

QC-1800Wheeled

QC-1800Tracked

4HZ-1600
Backpack-mounted

tractor

picture



size (mm)

5700X1800X2900

4900×1800×3300

1760*1630*3300

3300*1500*2070

Rotational
Speed(r/min)

2200

2200

2200

/

Working
Width(mm)

1800

1800

1500

/

Throwing
Height(mm)

4000

4000

4000

/

Throw
Distance(mm)

10000

10000

10000

/

Throwing
Rotation

±180

±180

±180

/

Angle(degrees)

Operating Speed
Range

5-6km/h

5-10km/h

5-10km/h

/

Forage Chop
Length

11-65mm

11-65mm

11-65mm

/



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Exw Price(USD)

\$20955.88

\$19852.94

\$13235.29

Core Structure and Functional Breakdown

Front-Mounted Disc Header (Core Harvesting Unit)

The front end is equipped with two large disc-type harvesting units featuring serrated edges and cutting blades. These units directly cut, gather, and feed the corn stalks into the machine. The disc design enables the efficient cutting of standing—or even slightly lodged—crops, minimizing harvest losses; it serves as a critical component for "row-independent harvesting."

Feeding and Chopping System

A feeding mechanism is attached behind the header to smoothly convey the crops into the internal chopping drum. The drum houses high-speed rotating blades that, in conjunction with stationary blades, chop the stalks and corn cobs into segments ranging from 1 to 5 centimeters—meeting the specific length requirements for silage fermentation. Additionally, an integrated grain cracker crushes the corn kernels, thereby enhancing feed digestibility.

Discharge Arm and Collection System

A curved black discharge arm located on the left side of the machine body propels the chopped forage at high velocity into an accompanying transport vehicle, eliminating the need for manual secondary handling. On the right side, a red hopper (or collection bin) serves as a temporary storage reservoir for the chopped material, making the machine ideal for direct operation in small fields.

Cab and Control System

The centrally positioned, enclosed cab features glass doors and windows designed to shield the operator from dust and noise. The decorative red ribbons atop the cab represent a common custom in domestic agricultural machinery—signifying the "inaugural operation of new equipment"—and serve as a visual indicator that this is a brand-new machine. The cab interior integrates all essential functions for operational control and speed adjustment.

Propulsion and Power System

The machine utilizes a wheeled chassis fitted with large-diameter off-road tires, making it well-adapted for traversing field paths and providing excellent cross-country mobility. The power system is typically driven by a diesel engine, which supplies the necessary power for the entire workflow—encompassing harvesting, chopping, and discharging. Compared to towed equipment, this self-propelled configuration offers superior maneuverability and greater flexibility when moving between different work sites.



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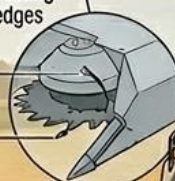
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TECHNICAL STRUCTURE DIAGRAM: MULTI-ROW SILAGE HARVESTER

Front-Mounted Disc Header (Core Harvesting Unit)

The front end equipped with two large disc-type harvesting units with serrated edges and cutting blades. The disc design decut, gather, minimizing ult of standing— even as critically lodged—row-independent harvesting.

- Large disc-type harvesting units with serrated edges
- Cutting blades
- Direct cut and gather system
- Row-independent harvesting mechanism



Feeding and Chopping System

- Feeding mechanism behind header
- Internal chopping drum for unssr chialled
- High-speed rotating blades with
- Stationary blades with oonony and cropping mechanisms.
- Stationary blades
- Chop segment length control (1-5 cm)
- Integrated grain cracker (orucial detail call-out with an internal view)



Integrated grain cracker

Propulsion and Power System

- Wheeled chassis and manctitactor engine
- Large-diameter off-road tires
- Traversing and cross-country mobility
- Diesel engine power supply
- Self-propelled configuration

Discharge Arm and Collection System

Eliminating need for manual secondary handling, ideal for direct operation in small fields.

Curved black discharge arm

High-velocity propelling mechanism

Red hopper (collection bin)

Foldable bin mechanism (small arrow)

Cab and Control System

- Centrally positioned, enclosed cab
- Glass doors and windows
- Dust and noise shielding
- Decorative red ribbons (signifying inaugural operation) on integrated control function.



How does it work?:

Workflow: The machine advances through the cornfield → The disc header cuts and gathers the crops → The feeding mechanism conveys the crops into the chopping drum → The material is chopped and the kernels are crushed → The discharge arm ejects the chopped material into a transport vehicle (or stores it in the machine's onboard hopper) → The material is then transported directly to a silage pit or a wrapping station..



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**FEEDSTOCK:
WHOLE-PLANT MAIZE (CORN)**

**FEEDSTOCK:
WHOLE-PLANT MAIZE (CORN)**

**PROCESSED PRODUCT:
HIGH-QUALITY SILAGE
FORAGE**

**GRAIN CRACKER
INTERNAL VIEW**

Applicable Raw Materials and Scenarios

Capable of harvesting whole-plant corn, various types of forage grasses, crop stalks, vines, and other green forage materials. It is suitable for use in livestock farms of all sizes, agricultural machinery cooperatives, and forage processing plants, and can also be deployed for operations in mountainous terrain and on scattered land parcels.



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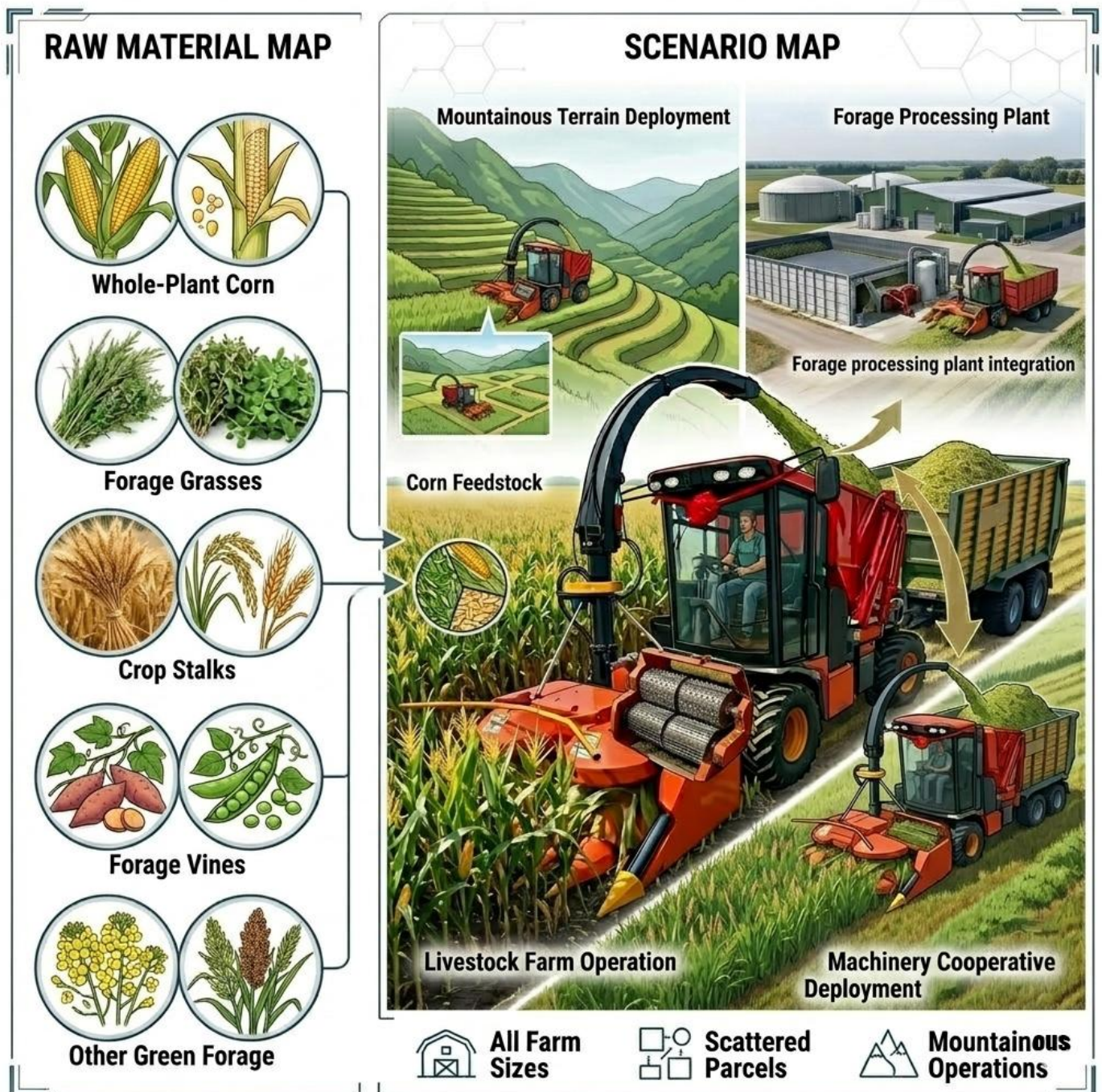
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Why Choose Runxiang? (Our Advantages)

As a professional agricultural machinery supplier, Runxiang corn silage harvester machine is trusted by customers worldwide. Its popularity stems from the following advantages:

Runxiang harvester produces uniform chopped silage, resulting in high feed utilization.

It offers high flexibility, allowing the header and chopped length to be adjusted as needed.

Our corn silage harvesting machine is highly efficient, with harvesting speeds reaching 1-5 km/h.

Runxiang maize silage harvester boasts a compact and stable structure, making it suitable for a variety of terrains.

The corn straw harvester has a wide range of applications, not only for corn stalks, but also for a variety of forage crops



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such as forage grass and sorghum.

We offer a comprehensive service system, providing comprehensive technical support from model selection and delivery to installation and commissioning.

What are the key features of the two QC-1800 silage harvester models?



QC-1800 Tracked

QC-1800 Wheeled

Features of tire-type corn silage harvester machine

High speed: The tire-mounted design allows for flexible maneuverability, making it suitable for working on large fields and flat land.

Flexible steering: It is ideal for farms or cooperatives with frequent field changes.

Low maintenance: This machine features easy tire replacement and high parts compatibility.



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HIGH SPEED & FLUIDITY

Tire-mounted design offers fast transport and flexible maneuverability. Suitable for large fields & flat land.



FLEXIBLE STEERING

Effortless control for frequent field changes. Perfect for farms or cooperatives.



LOW MAINTENANCE COST

Easy tire replacement and high parts compatibility across common components. Minimizes downtime.

Features of crawler-type corn silage harvesting equipment

Strong adaptability: The tracked chassis offers excellent grip, making it suitable for complex terrain such as wetlands, slopes, and muddy fields.

Improved stability: The low center of gravity and minimal vibration ensure smooth operation on uneven surfaces.

Soil protection: The track's large contact area reduces damage to farmland



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MAXIMUM TERRAIN ADAPTABILITY



The heavy-duty tracked chassis delivers exceptional traction and stability, engineered to conquer complex terrains including wetlands, steep slopes, and muddy fields with ease.



SUPERIOR SOIL PROTECTION

Designed with an expanded track contact area to minimize ground pressure. It effectively prevents soil compaction and protects the farmland root layer while maintaining high-efficiency.



Difference between wheeled and crawler-type corn silage harvester

Comparison Dimension	Tire-type Corn Silage Harvester	Crawler-type Maize Silage Harvester
Walking Style	Wheel Drive	Crawler Driven
Adapting to the Terrain	Plain, Dry Land	Slopes, Wetlands, Muddy Land
Operation Speed	Fast, Easy Transition	Slightly Slower, More Stable

How to pack?

The self-propelled silage harvester utilizes a standard export packaging scheme comprising protective film wrapping combined with containerized shipping. The specific procedures and details are outlined below:

****Machine Protection:**** Exposed components—including the machine body, cab, cutting tools, piping, and painted surfaces—are first tightly wrapped in a waterproof and dustproof stretch film. Particular attention is paid to



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sensitive parts, painted finishes, glass, and hydraulic fittings, which receive extra layers of wrapping to prevent scratches, impacts, moisture damage, and dust accumulation during transit. The tires and drive mechanisms undergo reinforced protection to prevent friction and wear.

Component Securing: Accessories, tools, operation manuals, and consumable parts are individually boxed or bundled and securely fastened within available spaces on the machine body. The entire unit is anchored at multiple points using specialized steel cables, heavy-duty buckles, and wooden bracing, firmly locking it within the container to prevent shifting or collision caused by the bumps and vibrations inherent in sea transport.

Container Loading:The equipment is driven directly into a standard shipping container. This method combines "naked loading" (shipping the machine without a large external crate) with targeted protective wrapping, thereby optimizing space utilization and reducing packaging costs. Upon loading, all securing points are re-inspected to ensure safety throughout the entire journey—covering both long-distance sea voyages and overland transport—thereby fully meeting the rigorous requirements of international export shipping.





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Related production lines

The castor seed oil pressing production line uses "shelling → pressing → filtering" as its core process. Relying on three key pieces of equipment—a castor seed shelling machine, a twin-screw oil press, and a vacuum oil filter—and auxiliary equipment, it forms a continuous production system. This maximizes the extraction of oil from castor seeds while ensuring oil purity, making it suitable for small and medium-sized processing plants as well as large-scale production needs. It balances efficiency, quality, and practicality, while also achieving preliminary comprehensive utilization of raw materials. The entire production line is easy to operate and has a compact process, eliminating the need for complex procedures. The core equipment works collaboratively, forming a closed-loop production from raw material processing to finished oil production. This fully leverages the high oil content (45%-60%) of castor seeds, reduces production losses, and increases product added value.



Factory display pictures





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How about the customer feedback?

Feedback

Have a nice weekend. 下午2:25 ✓ 评价对象

评分&评论

订单号: 804-200-10120 最近更新时间: 2017-05-07 23:51

Hello,
Thanks you!
Last week we took the shelling mact from the port. Thanks a lot to all your team for good cooperation and supp
Success to all!!! Have a good weeke

office from today,any questions or needs about our machine,contact me without any hesitation,Best regards for all of your family. 09:48

Good morning Susan,nice holiday all the best for you and ur family the Golden Machinery is the best Machines all over the world

Very impressive ! Great Quality and Fast shipn parts very quick and in great condition. 4 days in Australia , it is a remarkable record . Happy to meet you in Australia
d Gaston

U: Best regards from me 🌸🌸🌸🌸🌸 10:33

We are brother between Kazakhstan and China 下午7:33 ✓

I really appreciate you without doing any business you are so good friend 下午7:35

My son and his dad 10:44

I really enjoy with machine 🙌🙌🙌 10:44

can find the point and open
Any questions or help,contact me

yes
if we need buy any machine
we only choose your machine

runxiangmachinery.on.alibaba.com

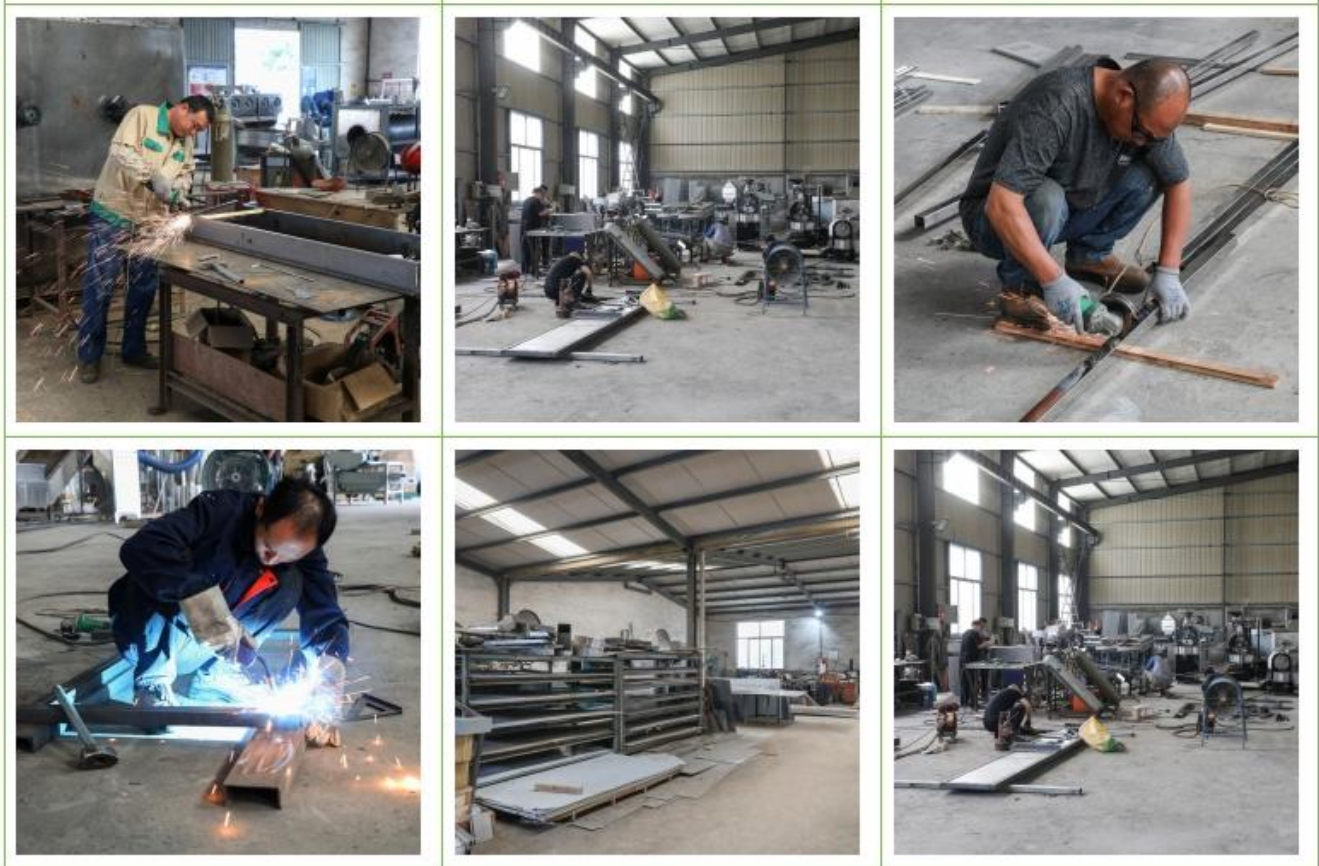


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13.About us



Golden Supplier



SGS



Top 1 Alibaba Supplier

9.How about cooperation client?



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Customer visits

aARMENIA	Tanzania	Côte d'Ivoire	Germany
Congo	Cameroon	South Africa	Ethiopia
Thailand	Uzbekistan	India	Ghana



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14.Our Certification:

