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# PRODUCT CATALOG



# Creating a New Future for Intelligent Agricultural Machinery





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# Enterprise Profile

Xinjiang Boshiran Intelligent Agricultural Machinery Co., Ltd., established in August 2009, currently operates four manufacturing facilities in Wusu, Shaya, Alaer, and Urumqi. Upon the completion of its Shihezi facility, the company will solidify its presence across Xinjiang with five strategic production bases. It has also established R&D centers in Wusu, Urumqi, Shaya, and Shanghai, underscoring its commitment to innovation.

To date, the company holds 217 proprietary patents with full independent intellectual property rights. As a high-tech enterprise, it specializes in the integrated development, production, sales, and servicing of advanced large-scale agricultural machinery, positioning itself as a leader in modern agricultural technology and industrial solutions.

Since its inception, the company has adhered to a business philosophy rooted in integrity, innovation, efficiency, and collaboration. Through its leading-edge technological expertise, exceptional product quality, and customer-centric after-sales services, it has earned a strong market reputation.

Over 15 years of development, the company has emerged as one of China's earliest pioneers in the cotton harvester sector, achieving technological breakthroughs, transforming R&D into tangible innovations, and establishing large-scale production capabilities.

Xinjiang Boshiran Intelligent Agricultural Machinery Co., Ltd. has accumulated 16 years of expertise in the R&D of basket type cotton picker. The company has rapidly transitioned from independent R&D to large-scale market deployment of its 3-row, 4-row, and 6-row basket type cotton picker. Moreover, it has developed proprietary core technologies across critical components, including the picking head, transmission system, pneumatic cotton delivery system, cotton basket, baling system, and chassis framework—solidifying its holistic technical leadership in the industry.

Creating a New Future  
for Intelligent Agricultural Machinery



Five Major Agricultural Machinery Manufacturing Bases

## Wusu

Xinjiang Boshiran Intelligent Agricultural Machinery Co.,  
Wusu City, Tacheng Prefecture, Xinjiang Uyghur Autonomous Region  
Established on August, 2009

224.000 m<sup>2</sup> 15.6 million dollar



## Urumqi

Urumqi Boshiran Intelligent Agricultural Machinery Co.,  
Changchun Road, Block B, Linkong Industrial Park, Urumqi  
Established on October, 2023

137.000 m<sup>2</sup> 80.82 million dollar

## Shihezi

Shihezi Boshiran Intelligent Agricultural Machinery Co.  
Wuyi Road North, Shihezi Zongchang, Xinjiang Uyghur Autonomous Region  
Under construction

246.000 m<sup>2</sup> 116.67 million dollar



## Xayar

Xayar Boshiran Intelligent Agricultural Machinery Co.  
Xayar County, Aksu Prefecture, Xinjiang Uyghur Autonomous Region.  
Established in March, 2018

150.000 m<sup>2</sup> 13.89 million dollar

## Alaer

Alaer Boshiran Intelligent Agricultural Machinery Co.  
Alaer City,, Xinjiang Uyghur Autonomous Region.  
Established in 2018.

200.000 m<sup>2</sup> 13.89 million dollar







# Enterprise Culture

**Bo** Mantle Inheriting  
Pay the wisdom and achievements of industry back to agriculture.

**Shi** The joy of giving; through virtuous deeds, imparting Dharma, and giving wealth.  
Let users enjoy the happiness brought by industrial technology.

**Ran** Originating from the heart, dedicated to agriculture.  
Commit to agriculture and enjoy the joy and achievements brought by agricultural technology.



2009

Boshiran was established, marked by the successful pilot trials and limited-volume production of its tractor-drawn cotton picker, alongside the commencement of R&D for 3-row self-propelled models.

2012

Boshiran successfully developed, tested, and launched mass production of its first 3-row self-propelled cotton picker prototype, while concurrently initiating R&D for 5-row and 6-row self-propelled models

2015

Boshiran developed, tested, and mass-produced prototypes of its 5-row and 6-row cotton harvesters and planters, while achieving large-scale production of 3-row self-propelled cotton harvesters fully compliant with China III emission standards

2018

Shaya Boshiran Intelligent Agricultural Machinery Co., Ltd. was established and commenced operations and began production within the same year, marking a strategic milestone in the company's expansion. Concurrently, its 4-row cotton harvesters entered the Central Asian market, while the prototype of a 6-row baling cotton harvester was successfully developed and tested—demonstrating the company's agility in scaling innovation and global market penetration.

2020

Boshiran successfully trial-produced prototypes of its sprayers, hydraulic reversible plows, and combination tillers, while achieving breakthroughs in the development of both 3-row and 6-row baling cotton harvesters—showcasing its expanding portfolio and technical versatility in agricultural machinery innovation.

2021

Boshiran accelerated its industrial expansion with the operational launch of its Alaer facility following rapid construction, alongside the groundbreaking of its Yuli production base. Simultaneously, the company achieved full-scale mass production of its 3-row and 6-row baling cotton picker—reinforcing its leadership in high-efficiency agricultural machinery solutions

2023

Boshiran achieved breakthroughs in the trial production and full-scale mass production of its air sleeve sprayers, forage harvesters, wheat seeders, and tractors, while successfully prototyping its 3-row transformable baling harvesters and 4-row baling cotton picker—underscoring its dual strengths in technical versatility and market adaptability.

2024

Urumqi Boshiran commenced production and operation; Shuanghe Boshiran commenced production and operation; Awati Boshiran commenced production and operation; grain combine were successfully tested and entered mass production.

# Development History



# Invention Patents

Invention Patents

15  
items

Utility model patents

188  
items

Design patents

14  
items



## National Honors

Boshiran has established R&D centers in Wusu, Urumqi, Shaya, and Shanghai. 217 authorized patents, including 15 invention patents, 188 utility model patents, and 14 design patents.

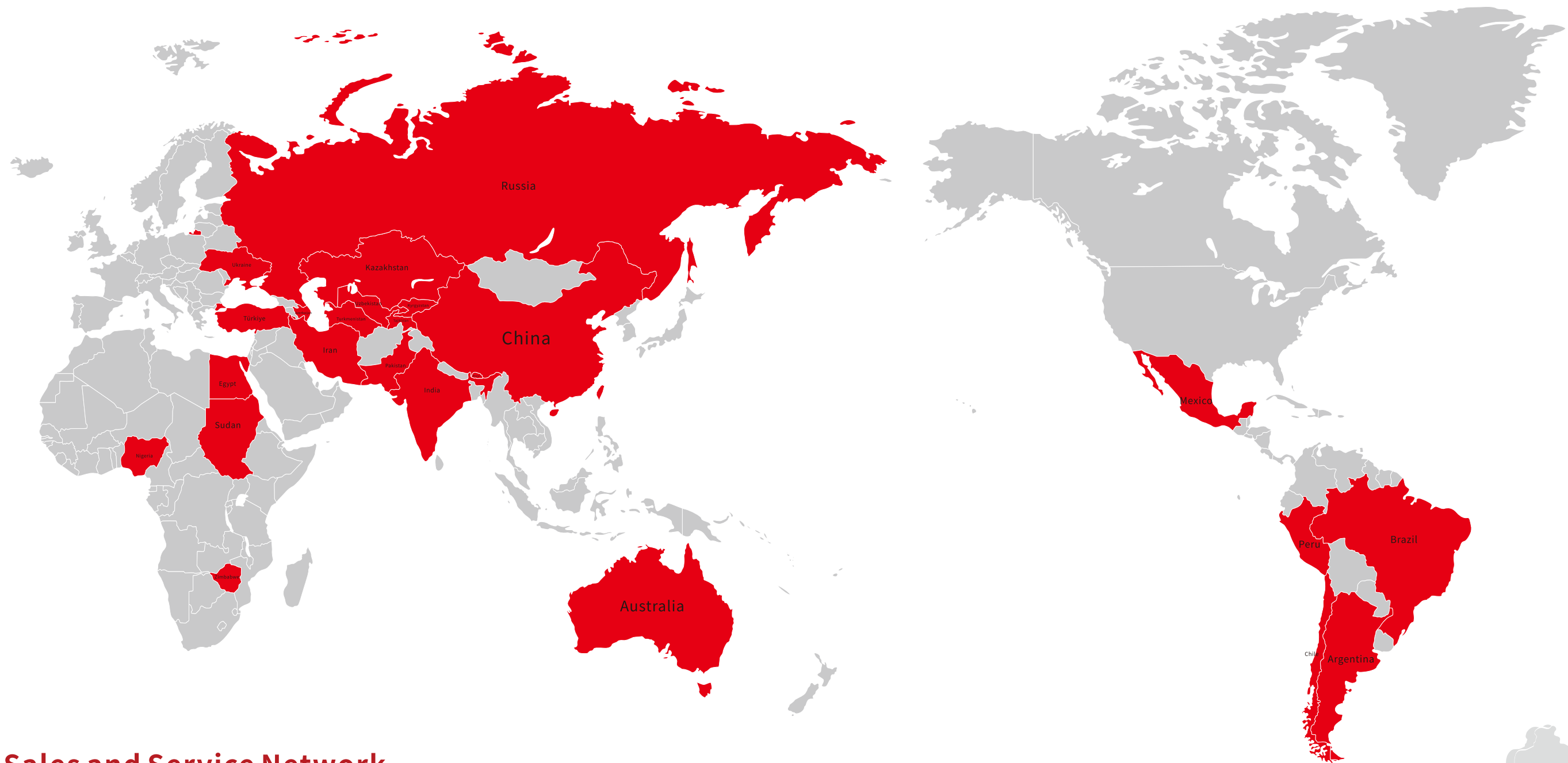
National High-tech Enterprise  
National-level SRDI Little Giant Enterprise  
Manufacturing Industry Individual Champion Product  
4MZ-3A Product Gold Award  
Poverty Relief Advanced Unit

## Provincial Honors

Zhejiang Province's Benchmark Enterprise for Aid to Xinjiang in High-end Equipment Manufacturing  
Council Member of the Agricultural Machinery Industry Innovation Strategic Alliance  
Autonomous Region Post-doctoral Workstation and Post-doctoral Practice Base  
Excellent Enterprise in Entrepreneurship Competition

As China's leading cotton harvesting machinery enterprise, Boshiran has long dominated the market. Data from the China Agricultural Machinery Network (2017-2024) reveals that the company has consistently held over 50% market share, firmly establishing itself as the undisputed industry No.1.





## Sales and Service Network

Boshiran has established a comprehensive sales and service network for its products across domestic and international markets. Domestically, its footprint spans Xinjiang, Gansu, Inner Mongolia, Hebei, Shandong, and Hubei. Globally, the company's international presence extends to over 20 countries across five continents, including Turkmenistan, Peru, Nigeria, Kazakhstan, Kyrgyzstan, Uzbekistan, Australia, Brazil, Mexico, Argentina, Chile, Tajikistan, Egypt, Zimbabwe, Ukraine, Russia, India, Pakistan, Iran, Turkey, and Azerbaijan—showcasing its strategic focus on global agricultural modernization and customer-centric market expansion.

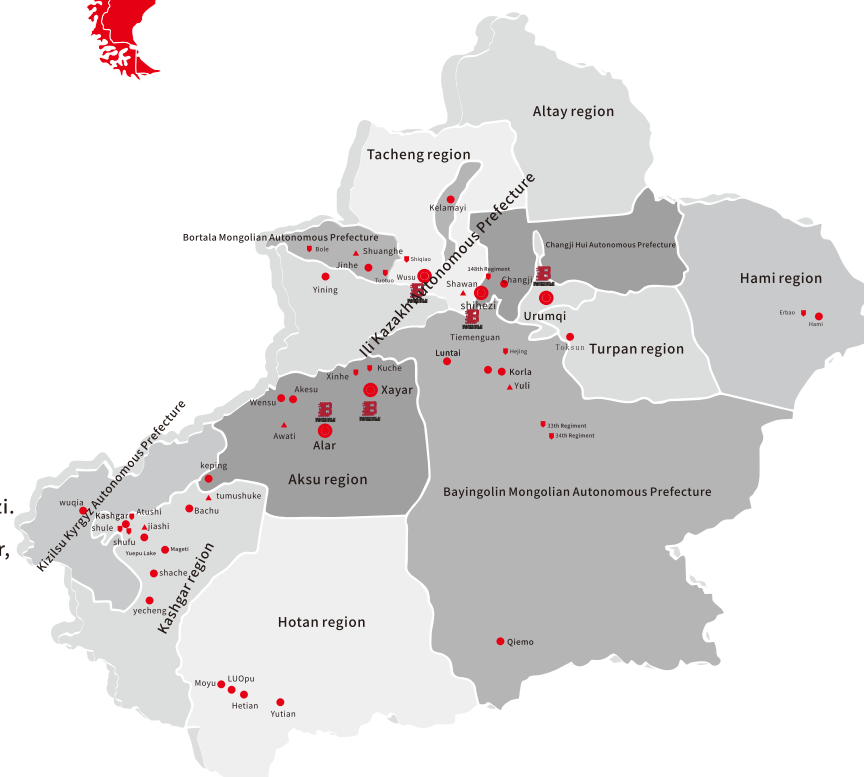
Moving forward, the company will accelerate the diversification of its product portfolio to solidify dominance in domestic markets while strategically expanding its global footprint across emerging international markets.

● Five production bases: Wusu, Urumqi, Xayar, Alar, and Shihezi.

▲ 4S dealerships (direct stores): Yuli, Shuanghe, Awati, Kashgar, Shawan, Tumushuke, and Jiashi.

● Dealers (agents)

■ After-sales service stations: Bole, Tuotuo, Shiqiao, Wusu, 148th Regiment, Hutubi, Urumqi Erbao, Hejing, Korla, Yuli, 33rd Regiment, 34th Regiment, Luntai, Kuche, Xinhe, Xayar Alar, Awati, Aksu, Wensu, Atush, Tumshuk, Bachu, Kashgar, Shule, Shufu, Jiashi, and Qimeo.





# Boshiran 4MZ-3B Self-Propelled Cotton Harvester

3-Row Basket-Type Cotton Harvester, refined through years of technical expertise, has evolved into a highly reliable and operationally stable solution for cotton harvesting. This machine integrates three core functions—simultaneous harvesting, conveying, and on-board storage of cotton—into a single streamlined process. Designed for ease of operation and minimal maintenance, it delivers superior picking accuracy and is optimized for small to medium-sized cotton fields, offering farmers a cost-effective and efficient harvesting solution.



Boshiran's 3-Row Cotton Harvester integrates cutting-edge engineering to deliver unmatched efficiency: 28 m³ Dual-Layer High-Capacity Cotton Chamber: Engineered for extended operation, capable of holding up to 2 tons of cotton with minimized unloading frequency.



260-Horsepower Turbocharged Engine: Ensures high-performance output and reliability in demanding field conditions.



High-Speed Mid-Sized Picking Head: Optimizes harvesting efficiency through rapid, precise cotton collection.



Vertical Airflow System: Generates powerful, focused airflow for consistent cotton delivery and reduced debris retention.

## Product parameters

Serial Number	Item	Unit	Parameters
1	Model	/	4MZ-3B Self-Propelled Cotton Harvester
2	Suitable Picking Row Spacing	cm	76 (66+10/68+8)
3	Number of Picking Rows	Row	3
4	Vehicle Weight	t	13.2
5	Working State Dimensions	m	8.1x3.9x4.8
6	Cotton Box Volume	m³	28
7	Cotton Unloading Method	/	Side Tilt Lift, Chain Rake Unloading
8	Travel Control	/	Piece Hydrostatic/3-Speed Electro-Hydraulic Control
9	Fuel Tank	L	400
10	Cleaner Tank	L	600
11	Hydraulic Oil Tank	L	220
12	Fan Speed	r/min	3900
13	Engine Power	Horsepower	260
14	Number of Pickup Heads	Piece	3
15	Number of Drums	Piece	3*2(6)
16	Spindle Bar Assembly Quantity	Piece	3*12+3*16(84)
17	Spindle Quantity	Piece	84*18(1512)
18	Picker Head Rated Input Speed	r/min	1500
19	1st Gear / 2nd Gear	km/h	0-6.2/0-7.6
20	Road Mode	km/h	0-23



## Product Features

- Electronically controlled automatic transmission for easy and accurate gear shifting with one button.
- Fully electronic control for operation, eliminating gear cables, CVT cables, and throttle cables.
- Hydraulic motors are used for transmitting power to the picking head, fan, and propulsion system, ensuring more reliable performance, smoother operation, and simpler control.
- The luxurious cab with ample space and a wide viewing angle provides a clean and comfortable environment to reduce operator fatigue.
- Heated water circuit design in the engine compartment enhances resistance to icing.
- The rear axle is welded as a whole, and the low-pressure rear wheels are increased in size and width, providing more stable cotton harvesting and better operation quality.





Boshiran 4MZ-2C Self-Propelled Cotton Harvester

Boshiran 4MZ-2C Two-Row Basket-Type Harvester, independently developed by the company's R&D team, features a compact design powered by a China IV-emission engine, making it ideally suited for small-scale field operations.

Product parameters

Serial Number	Item	Unit	Parameters
1	Model	/	4MZ-2C Self-Propelled Cotton Harvester
2	Structural Type	/	Self-Propelled
3	Matching Power Rated Power	kW	162
4	Engine Rated Speed	r/min	2200
5	Pure Working Hour Productivity	hm <sup>2</sup>	0.3~1
6	Overall Dimensions (Length x Width x Height)	mm	7850×2508.5×3465.5
7	Whole Machine Quality	kg	10000
8	Number of Operation Rows	Row	2
9	Cotton picker head type	1	Horizontal spindle type
10	Number of picking drums	Piece	4
11	Number of spindle bars per drum	Piece	Front: 12; Rear: 12
12	Number of spindles per spindle bar	Piece	18
13	Number of spindles per picker head	Piece	432
14	Number of doffer	Piece	72
15	Fan Speed	r/min	0~4250
16	Adaptable row spacing	T	760/900
17	Minimum boll height for picking	T	180
18	Water tank capacity	L	360
19	Fuel tank capacity	L	240
20	Cotton Box Flip Time	S	10
21	Maximum Capacity of the Basket	m <sup>3</sup>	10

Product Features

- Boshiran 4MZ-2C Two-Row Harvester integrates cutting-edge innovation and customer-centric design to deliver unmatched value for small-scale farming:
- Compact Body Structure, Low Profile, and Lightweight Chassis: Ensures superior maneuverability across fields of varying sizes and simplifies field transitions.
- Dual High-Efficiency Picking Heads: Achieves high harvesting efficiency and optimal yield retention, with full compatibility for existing header models—reducing upgrade costs.
- Fully Hydraulic Drive System: Paired with precision control systems for stable, reliable performance in diverse field conditions.
- High-Efficiency China National IV-Compliant Engine: Delivers robust power output while meeting stringent emission standards.
- Single-Layer Cotton Chamber Design: Streamlines loading/unloading operations and enhances operator safety.
- Adjustable Row Spacing: Adapts flexibly to multiple planting configurations, maximizing crop compatibility.
- Cost-Effective Ownership: Minimizes upfront investment and operational expenses, driving higher economic returns and rapid ROI for farmers.



Bosiran 7301 New Energy 3-row Cotton Picker

Boshiran China IV New Energy Self-Propelled Round Bale Cotton Harvester Breaking new ground in agricultural innovation, User-friendly operation and low-maintenance design, reducing downtime and labor costs. Exceptionally high picking efficiency, ensuring minimal crop loss and maximum yield retention. Optimized for small to medium-sized cotton fields, offering agility and adaptability in diverse farming conditions.

Product parameters

Serial Number	Item	Unit	Parameters
1	Number of Picking Rows	Row	3
2	Engine Power	PS	294kW
3	Overall Machine Dimensions (Length x Width x Height)	mm	9580x3800x4300
4	Total Machine Weight	kg	23500
5	Cotton basket Volume	m <sup>3</sup>	5
6	Cotton Bale Dimensions (Automatic Packing)	m	Maximum Diameter: 1.7; Width: 1.92
7	Drive Type	/	Four-Wheel Drive
8	Travel Control	/	Electric Drive
9	Fuel Tank	L	650
10	Cleaner Tank	L	650
11	Grease Box	L	40
12	Hydraulic Oil Tank	L	160
13	Fan Speed	r/min	3900
14	Travel Speed	km/h	0~23

- Notes:
1. Working state refers to the actual operating state of the prototype on a flat and hardened test site (with the cotton packing device of the cotton harvesting machine closed).
  2. Items not applicable to the product are marked with "/" in the design value column.
  3. Transport state refers to the actual transport state of the prototype with the working mechanism retracted.

Product Features

- Engine-Generated Hydraulic Drive: Converts engine power to hydraulic energy via an electric generator, achieving 25% energy savings compared to conventional systems.
- 400-Horsepower China China IV Emission Engine: Powers a high-efficiency generator for stable, consistent performance in demanding conditions.
- Dual-Screen Assisted Driving Interface: Enables real-time intelligent data acquisition and rapid signal processing, paired with simplified calibration processes.
- EV-Like Driving Experience: Delivers instant torque delivery and responsive acceleration, enhancing field agility.
- Onboard Charging via Internal Combustion Engine: Ensures uninterrupted operation with minimized charging interruptions, maximizing uptime.
- Onboard Charging via Internal Combustion Engine: Ensures uninterrupted operation with minimized charging interruptions, maximizing uptime.





Bosiran 4MZD-3A Self Propelled Cotton Picker with Baler

Boshiran 3-Row Baling Cotton Harvester combines the proven advantages of the company's basket-type harvesters—exceptionally high picking efficiency and minimal debris retention—with innovative design upgrades. Its modular, non-disassembly structure ensures seamless operation and transport readiness, while its compact, agile footprint is optimized for small-scale fields, delivering unmatched versatility and productivity.

Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	4MZD-3A Self Propelled Cotton Picker with Baler
2	Structural Type	/	Self-Propelled
3	Matching Power Rated Power	kW	242
4	Matching Power Rated Speed	r/min	2100
5	Pure Working Hour Productivity	hm	0.5~1
6	Working state dimensions (Length x Width x Height)	mm	9580×3800×4300
7	Transport state dimensions (Length x Width x Height)	mm	9580×3800×4300
8	Total Machine Weight	kg	21500
9	Number of rows	Row	3
10	Cotton picker head structure type	/	Horizontal spindle type
11	Number of picking drums	Piece	6
12	Number of spindle bars per drum	Piece	Front: 16; Rear: 12
13	Number of spindles per spindle bar	Piece	18
14	Number of spindles per picker head	Piece	504/432
15	Number of doffing discs	Piece	108
16	Fan Speed	r/min	3900
17	Adaptable row spacing	mm	760( Applicable planting mode 660+100.680+80)
18	Minimum boll height for picking	mm	150
19	Harvesting Speed I	Km/h	0-5.8
20	Harvesting Speed II	Km/h	0-6.2
21	Cotton Bale Diameter	mm	500~1500
22	Cotton Bale Weight	Kg	800~1200

Notes: 1. Working state refers to the actual operating state of the prototype on a flat and hardened test site (with the cotton packing device of the cotton harvesting machine closed).  
2. Items not applicable to the product are marked with "/" in the design value column.  
3. Transport state refers to the actual transport state of the prototype with the working mechanism retracted.

Product Features

- High-Speed Picking Head: Enhances harvesting throughput while maintaining precision and minimal fiber damage.
- Self-Developed Electronic Control System: Features intuitive operation and logic protection protocols, safeguarding against operational errors.
- Non-Stop Baling Technology: Eliminates downtime during bale transitions, maximizing operational uptime.
- 20-Ton Integrated High-Strength Rear Axle: Engineered for exceptional load-bearing capacity, ensuring durability across diverse soil conditions—excelling in sandy terrains.
- Fully Hydraulic Drive System: Delivers reliable performance, smooth operation, and reduced noise levels for enhanced operator comfort.



Independently developed and manufactured by Xinjiang Boshiran, this machine revolutionizes cotton harvesting by integrating four critical functions into a single seamless workflow: picking, conveying, baling, and automated cotton discharge—eliminating downtime and maximizing field efficiency.

Bosiran 4MZD-3C Self Propelled Cotton Picker with Baler

Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	4MZD-3C Self Propelled Cotton Picker with Baler
2	Structural Type	/	Self-Propelled
3	Matching Power Rated Power	kW	294
4	Matching Power Rated Speed	r/min	2100
5	Pure Working Hour Productivity	hm	0.5~1
6	Overall Dimensions (Length x Width x Height)	mm	9960×4110×4790
7	Transport state dimensions (Length x Width x Height)	mm	11770×4110×4290
8	Total Machine Weight	kg	26000
9	Number of rows	Row	3
10	Cotton picker head structure type	/	Horizontal spindle type
11	Number of picking drums	Piece	6
12	Number of spindle bars per drum	Piece	Front: 16; Rear: 12
13	Number of spindles per spindle bar	Piece	18
14	Number of spindles per picker head	Piece	504(288( Front ),216( Rear )
15	Number of doffing discs	Piece	108
16	Fan Speed	r/min	0~3900
17	Adaptable row spacing	mm	760( Applicable planting mode 660+100.680+80)
18	Minimum boll height for picking	mm	180
19	Number of cotton box compaction augers	Piece	1
20	Width of the baling device compression chamber	mm	2100
21	Cotton Bale Diameter	mm	500~1900
22	Cotton Bale Weight	kg	800~1700

Notes: 1. Working state refers to the actual operating state of the prototype on a flat and hardened test site (with the cotton packing device of the cotton harvesting machine closed).  
2. Items not applicable to the product are marked with "/" in the design value column.  
3. Transport state refers to the actual transport state of the prototype with the working mechanism retracted.

Product Features

- Key Technical SpecificationsElectronically Controlled Fully Automatic Transmission: Enables one-touch gear shifting for seamless operation and reduced manual intervention.
- 400-Horsepower High-Performance Engine: Delivers robust power output, paired with an 840 high-capacity directional fan for optimized airflow and debris management.
- Flexible Engine Options: Yuchai or Cummins engines (customer-selectable) to meet diverse operational and regional requirements.
- Standard-Equipped Rotating Brush System: Minimizes belt wear, significantly extending component lifespan and reducing maintenance costs.





**Boshiran 4MZ-4C Self-Propelled Cotton Harvester**

Independently developed and manufactured by Xinjiang Boshiran, this machine revolutionizes cotton harvesting by integrating four critical functions into a single seamless workflow: picking, conveying, baling, and automated cotton discharge—eliminating downtime and maximizing field efficiency.

Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	4MZ-4C Self-Propelled Cotton Harvester
2	Structural Type	/	Self-Propelled
3	Matching Power Type	/	Diesel Engine
4	Matching Power Rated Power	kw	199
5	Matching Power Rated Speed	r/min	2200
6	Fuel Consumption per Unit Area	kg/hm²	19~25
7	Pure Working Hour Productivity	hm²	0.8~1.2
8	Working state dimensions (Length x Width x Height)	mm	8000×3900×4900
9	Transport state dimensions (Length x Width x Height)	mm	8000×3900×3900
10	Total Machine Weight	kg	15800
11	Number of rows for cotton Picker	Row	4
12	Cotton picker head structure type	/	Horizontal spindle type
13	Number of cotton-picking drums	Piece	8
14	Rotation speed of cotton picking drums	r/min	149
15	Rotation speed of spindles	r/min	4477
16	Number of spindle bars per drum	Piece	12
17	Number of spindles per spindle bar	Piece	18
18	Number of spindles per cotton picking head	Piece	432
19	Fan Speed	r/min	3900
20	Adaptable row spacing for picking	mm	760/900
21	Minimum boll height for picking	mm	180
22	Maximum capacity of cotton storage basket	m³	28
23	Cotton Box Flip Time	m³	10

Product Features

- Core Technical Features Turbocharged Engine
  - High-Efficiency Power: Ensures consistent power output and operational reliability across demanding field conditions.
  - Powers the picking head, airflow fan, and mobility functions with simplified controls and enhanced energy efficiency.
  - Minimizes Wind Resistance Losses: Optimizes airflow distribution for higher debris separation efficiency.
  - Reduces Unloading Frequency: Extends continuous operation time by storing up to 2.5 tons of cotton.
- Ensures quick bale release with zero residue retention.
  - Features panoramic visibility, adjustable seating, and noise-dampened interiors for fatigue-free operation.
  - Adjustable 4-Row Spacing Configuration: Adapts seamlessly to varying field layouts and crop densities.
  - Sliding Door with Segmented Self-Locking: Allows customizable door openings for safe and flexible access.
  - Electronically Controlled Armrest: Synchronizes with operator seat movements, enabling intuitive control adjustments.



**Boshiran 4MZD-4A Self Propelled Cotton Picker with Baler**

Independently developed and manufactured by Xinjiang Boshiran, this machine revolutionizes cotton harvesting by integrating four critical functions into a single seamless workflow: picking, conveying, baling, and automated cotton discharge—eliminating downtime and maximizing field efficiency.

Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	4MZD-4A Self Propelled Cotton Picker with Baler
2	Structural Type	/	Self-Propelled
3	Brake Type	/	Disc
4	Matching Power Rated Power	kW	294
5	Matching Power Rated Speed	r/min	2100
6	Working state dimensions (Length x Width x Height)	mm	9960×4110×4790
7	Transport state dimensions (Length x Width x Height)	mm	11770×4110×4290
8	Total Machine Weight	kg	26500
9	Number of rows	Row	4
10	Cotton picker head structure type	/	Horizontal spindle type
11	Number of picking drums	Piece	8
12	Number of spindle bars per drum	Piece	Front: 16; Rear: 12
13	Number of spindles per spindle bar	Piece	18
14	Number of spindles per picker head	Piece	504(288( Front ),216( Rear )
15	Number of doffing discs	Piece	144
16	Fan Speed	r/min	0~3900
17	Adaptable row spacing	mm	760 / 900
18	Minimum boll height for picking	mm	180
19	Number of cotton box compaction augers	Piece	1
20	Width of the baling device compression chamber	mm	2100
21	Cotton Bale Diameter	mm	500~1900
22	Cotton Bale Weight	Kg	800~1800

Notes: 1. Working state refers to the actual operating state of the prototype on a flat and hardened test site (with the cotton packing device of the cotton harvesting machine closed).  
2. Items not applicable to the product are marked with "/" in the design value column.  
3. Transport state refers to the actual transport state of the prototype with the working mechanism retracted..

Product Features

- Replaces traditional dual mechanical couplings with an innovative hydraulic system, enhancing power transmission reliability and reducing mechanical wear.The engine options include Yuchai and Cummins (optional).
- Component Standardization:95%+ interchangeability rate between 3-row and 4-row models, slashing spare parts costs and simplifying maintenance.
- Yuchai or Cummins engines (customer-selectable) deliver 400 horsepower for unmatched field performance.
- High-Speed Picking Head: Driven by hydraulic motors for accelerated harvesting rates and precision.
- 840 High-Capacity Directional Fan: Enhances airflow control for superior debris separation in dense crop conditions.



# Boshiran 4MZD-6C/6D Self Propelled Cotton Picker with Baler

Developed and manufactured through proprietary innovation by Xinjiang Boshiran, this 6-row harvester leverages decades of technical expertise to deliver industry-leading performance and unrivaled reliability. It seamlessly integrates five critical functions—cotton picking, conveying, chamber storage, baling, and automated discharge—into a single continuous workflow, eliminating operational bottlenecks for large-scale farming efficiency.to maintain, and have a high picking rate, suitable for use in large-scale cotton planting areas.

## Product parameters

Serial Number	Item	Unit	Parameters	
1	Model	/	4MZD-6C	4MZD-6D
2	Number of Picking Rows	row	6	
3	Suitable Picking Row Spacing	cm	76 (66+10/68+8)	
4	Vehicle Weight	t	32	
5	Vehicle body dimensions	mm	work: 10460x5310x5270;	Transportation: 12480x5310x4380
6	Cotton Box Volume	m³	9	
7	Drive Type	/	Four-wheel drive	
8	Travel Control	/	Full hydraulic continuously variable transmission	
9	Fuel Tank	L	1051	
10	Washing Fluid Tank	L	1168	
11	Grease Box	L	100	
12	Hydraulic Oil Tank	L	289	
13	Hydraulic system	/	Danvers	
14	Bale Size	m(Diameter)	Automatic Packing:1.05-2.28	Manual Packing:0.5-2.28
15	Engine Power	kw	765/563Cummins	775/570 Yuchai
16	Wheelbase	m	4.4	
17	Inner Wheel Center Distance	m	2.28	
18	Outer Wheel Center Distance	m	3.8	
19	Front Wheel/Rear Wheel	/	IF520/85 R42 / IF580/80 R34	
20	Number of Drums	Piece	6x2(12)	
21	Seat Tube Assembly Quantity	Piece	168(6x12+6x16)	
22	Spindle Quantity	Piece	3024(168x18)	
23	Harvesting at 1st gear/2nd gear, Road at 3rd gear	km/h	0-6.8/0-8.1/0-23	
24	Minimum turning radius	m	3.96	
25	Pure Working Hour Productivity	Mu	26-35	

Notes:  
1. Working state refers to the actual operating state of the prototype on a flat and hardened test site (with the cotton packing device of the cotton harvesting machine closed).  
2. Items not applicable to the product are marked with "/" in the design value column.  
3. Transport state refers to the actual transport state of the prototype with the working mechanism retracted.



Fully Digital Control Interface:  
Enables precise, flexible adjustments via user-friendly touchscreen controls.



Ergonomic Dynamic Operator Platform: Adjusts intuitively to operator movements, reducing fatigue during long shifts.



Operator-Centric Innovations HD Panoramic Camera System: Provides 360° real-time monitoring for enhanced safety and situational awareness.



Non-Stop Baling System Eliminates operational pauses during bale transitions, optimizing fuel efficiency and field productivity.



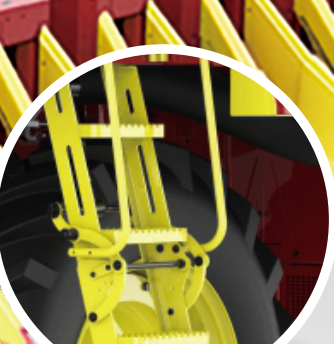
Independent Dual Hydraulic Fans Generate powerful, consistent airflow with stable transmission for optimal



Hydraulic Motor-Driven Picking Head Delivers reliable performance; smooth operation, and reduced noise levels for uninterrupted harvesting.



4WD High-Strength Rear Axle Adaptable to diverse soil conditions (clay, loam, sandy terrain) while enhancing stability during high-load operations.



High-Quality Folding Access Ladder Ensures safe, convenient access for maintenance and inspections.



Radial-Ply Tubeless Tires Front & Rear Wheels: Feature puncture-resistant construction and superior load-bearing capacity for extended durability.higher load-bearing capacity.





Boshiran 4QZ-3200  
Forage Harvester

Boshiran’s newly launched 4QZ-3200 Forage Harvester redefines efficiency in silage harvesting with its industry-leading 3200mm header, engineered to deliver unmatched versatility and precision.

Product parameters

Serial Number	Item	Unit	Parameters	Serial Number	Item	Unit	Parameters
1	Model Name	/	4QZ-3200	13	Cab Type (Self-Propelled)	/	Standard Cab
2	Type	/	Self-Propelled	14	Transmission Type (Self-Propelled)	/	Manual Transmission
3	Working State Dimensions	mm	7100x3235x3650	15	Drive Type	/	Hydraulic Drive
4	Rated power	kW	264(National IV)	16	Main Shaft Rated Speed	r/min	1200
5	Rated speed	/	2100	17	Guide Wheel Track	mm	1900
6	Cutting width	mm	3200	18	Guide wheel tire specification	/	12.00-18
7	Model specification	/	L9CS4 360C	19	Drive wheel track	mm	2115
8	Header Cutter Type	/	Disc Cutter	20	Drive wheel tire specification	/	23.1-26
9	Minimum Stubble Height	mm	≤150	21	Wheelbase	mm	2500
10	Minimum Ground Clearance	mm	330	22	Operating speed range	km/h	0-10
11	Straw Shredder Type	/	Rotary Cutter	23	Discharge chute height	mm	4800-5700
12	Rotor Diameter	mm	600				

Product Features

- The chopping drum is equipped with 24 alloy moving blades, allowing controllable chopping length and convenient operation, with four gears for adjustment.
- The cutting platform comes with a hydraulic reversing device, making it easy and quick to clear blockages when the platform is clogged.
- The entire machine is equipped with an electro-hydraulic blade sharpening device, facilitating the sharpening of moving blades and reducing the workload of the operator.
- The braking system adopts full hydraulic braking, which is reliable and safe, with a braking distance of ≤6 meters at 20km/h, meeting national safety standards.
- The new National IV engine boasts 360 horsepower, comes with an engine back-blowing device for easy cleaning of radiator impurities, and features a power output transmission through a transfer case for convenience and efficiency.
- The entire machine has good stability. When the machine needs emergency braking during high-speed transfer, there is no left-right swaying or deviation.



Boshiran 4QZ-3500  
Forage Harvester

The Boshiran 4QZ-3500 Silage Picker can complete harvesting, feeding, chopping, and throwing operations in one pass. The cutting platform adopts a small disk form with an effective harvesting width of 3.5 meters and a minimum stubble height of ≤150mm.

Product parameters

Serial Number	Item	Unit	Parameters	Serial Number	Item	Unit	Parameters
1	Model Name	/	4QZ-3500	13	Cab Type (Self-Propelled)	/	Standard Cab
2	Type	/	Self-Propelled	14	Transmission Type (Self-Propelled)	/	Manual Transmission
3	Working State Dimensions	mm	6760x3560x5700	15	Drive Type	/	Hydraulic Drive
4	Rated power	kW	264(National IV)	16	Brake Type	/	Disc
5	Rated speed	/	2100	17	Guide Wheel Track	mm	1900
6	Cutting width	mm	3500	18	Guide wheel tire specification	/	12.00-18
7	Crop harvesting header type	/	Straight cutting table	19	Drive wheel track	mm	2115
8	Header Cutter Type	/	Disc Cutter	20	Drive wheel tire specification	/	23.1-26
9	Feeding mechanism type	/	Feeding roller	21	Wheelbase	mm	2500
10	Number of feeding mechanisms	/	5	22	Operating speed range	km/h	0-10
11	Straw Shredder Type	/	Rotary Cutter	23	Design cutting length	mm	11/13/19/23
12	Grain crushing mechanism type	/	Roller type				

Product Features

- Grain crushing: Use imported roller crusher with a crushing rate over 98%, improving feed digestibility and meeting breeding needs.
- Chopping drum: 24 alloy moving blades, 4-speed adjustable chopping length, precise and controllable.
- Engine: New National IV 360 horsepower, equipped with reverse blowing device, power take-off transmission, efficient and convenient.
- Knife grinding device: Electro-hydraulic control, convenient for moving knife grinding, reducing operator burden.
- Lubrication system: Automatic lubrication, precise oil delivery, cost-saving.
- Braking system: Full hydraulic braking, braking distance ≤6 meters at 20km/h speed.
- Stability: No swinging or deviation during high-speed transfer and emergency braking.





Boshiran 4YL-8/4LZ-14  
Multifunctional Grain combine

these models are engineered to maximize operational synergy with the company's cotton harvesters through shared components across steering and control systems, chassis, hydraulic systems, and powertrains—streamlining maintenance and reducing lifecycle costs.



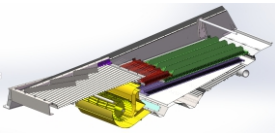
Boshiran 4YL-8/4LZ-13  
Grain Harvester

Independently developed by Boshiran, the 7850 Grain Harvester redefines efficiency and versatility in large-scale agricultural operations. Combining high-capacity performance with multi-crop adaptability, it is engineered to excel in demanding environments.

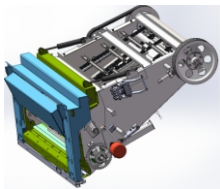
Product parameters

Serial Number	Item	Unit	Parameters
1	Specifications and models	/	4YL-8/4LZ-14
2	Structural Type	/	Self-Propelled
3	Rated power	PS	300
4	Horsepower	r/min	2200
5	Overall dimensions (L x W x H)	mm	8850x5500x4000
6	Operating weight	Kg	14000
7	Header width for corn	Row	8 (Row spacing 500mm, 600mm, 650mm)
8	Header width for grain	m	5.1
9	Feed rate	Kg	14
10	Minimum Ground Clearance	mm	440
11	Main drum	/	Longitudinal axial flow rasp bar type(760X3120mm)
12	Secondary drum	/	Transverse axial flow rasp bar type(450X1330mm)
13	Travel Speed	km/h	0-30
14	Separation from Main Drum Speed	r/min	210-1100Continuously Variable Transmission
15	Grain Tank Capacity	L	8000
16	Diameter	mm	1000
17	Number of Reel Bars	Piece	5
18	Reel Rotation Speed	r/min	20-50
19	Number of Threshing Drums	/	2

Product Features



■ Dual-Channel Turbo Fan + Three-Tier Stepped Cleaning Sieves: Boosts impurity removal efficiency and crop purity retention through optimized airflow and multi-stage filtration.



■ 5° Lateral & Longitudinal Adjustment: Enhances header terrain adaptability for consistent performance on uneven ground. Blockage Reversal Function Input Chain Rake Reversal: Automatically clears feed channel blockages by reversing the chain rake, minimizing downtime. Reverse Function: When feeding becomes

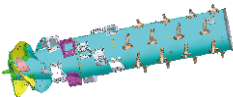


■ Hydraulic Four-Wheel Drive System Main Drive: Combines a 3-gear transmission with hydrostatic CVT for seamless speed control. Wheel Hub Motor Steering: Ensures precise maneuverability and reduced mechanical wear. Unibody Chassis Frame: Reinforced structure for superior load-bearing capacity and long-term durability.

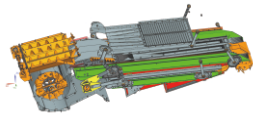
Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	4LZ-18/4YL-13
2	Technical Route	/	Cut-flow Feeding + Single Longitudinal Axial Threshing and Separation
3	Engine Rated Net Power	PS	400
4	Engine Rated Speed	r/min	2200
5	Overall dimensions (L x W x H)	mm	10800×3890×3960
6	Total Machine Weight	kg	18500
7	Threshing Mechanism Layout	/	Longitudinal
8	Number of Threshing Drums	piece	1
9	Main Threshing Drum Dimensions	mm	φ800×3168
10	Re-threshing Method	/	Re-threshing by Returning Residue to the Drum
11	Fan Diameter	mm	500
12	Fuel tank capacity	L	1000
13	Grain Tank Capacity	m3	12
14	Transmission type	/	Two-speed electric shift
15	Wheelbase	mm	3520
16	Drive type	/	Hydraulic four-wheel drive
17	Travel speed	/	Gear I : 0-8.2km/h Gear II : 0-19.4km/h Gear III: 0-36km/h

Product Features



■ Single Axial Flow Threshing System: Achieves low-impact threshing with lower grain breakage rate, preserving seed integrity and maximizing yield quality.



■ Muti-crop Harvesting: Adapts to wheat, rice, soybeans, and rapeseed crops through adjustable settings. High-Efficiency Cleaning System Dual-Channel Axial Fan + two lever Sieve: Optimizes airflow and vibration patterns , grain loss keep excellent even in high-moisture conditions.



■ Unmatched Operational Efficiency Shared Powertrain with Boshiran 6-Row Cotton Harvester: Utilizes a mature transmission system paired with a variable hydraulic motor (stepless drive) for smooth, fuel-efficient field navigation.





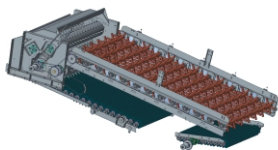
# Boshiran DY7101 Self-Propelled Pepper Harvester

The DY7101 Self-Propelled Pepper Harvester is a high-efficiency, multi-functional pepper picker independently developed by Boshiran.

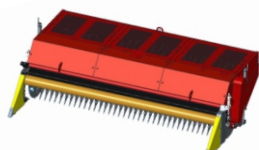
## Product parameters

Serial Number	Item	Unit	Parameters
1	Model	/	4JZ-3600A
2	Technical Route	/	Nylon tine roller + residue re-threshing roller + leaf and soil discharge system
3	Engine Rated Net Power	hp	194
4	Engine Rated Speed	r/min	2000
5	Overall dimensions (L x W x H)	mm	10980x3800x4200
6	Total Machine Weight	kg	/
7	Re-threshing Method	/	Re-threshing by Returning Residue to the Drum
8	Fan Diameter	mm	410
9	Fuel tank capacity	L	400
10	Hydraulic oil tank capacity	m	220
11	Transmission type	/	Two-speed electric shift
12	Wheelbase	mm	3367
13	Drive type	/	Hydraulic two-wheel drive
14	Travel speed	/	I Gear I :0-6km/h II Gear II :0-20km/h

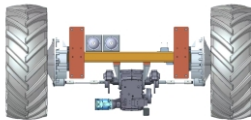
## Product Features



■ Dual-Action Cleaning Rollers + Re-Threshing Drum: Achieves excellent impurity removal with lower crop loss, adapting seamlessly to varying moisture levels and debris loads. Nylon Composite Sieves: Lightweight, high-strength design reduces power consumption while enhancing durability and reliability.



■ Curved Spring-Tooth Picking System  
Flexible Picking Fingers: Gently detach peppers and transfer them to lateral conveyors, minimizing plant damage and ensuring fruit integrity.



■ High-Speed Operational Architecture  
Shared Powertrain with 3-Row Cotton Harvester: Features a mature transmission system with electronically controlled shifting and stepless hydraulic drive for smooth field navigation  
Rapid Unloading System: 800 RPM discharge speed reduces unloading time by 40%, maximizing daily productivity.

## Tillage Machinery Section



# Boshiran 2BFX-20/25/28 Series Fertilization Seeder

Boshiran's newly launched 2BFX series redefines precision farming by integrating multiple critical functions—fertilization, seeding, soil compaction, and drip tape laying—into a single-pass operation, significantly reducing labor, time, and fuel costs for modern agricultural operations.

## Product parameters

Serial Number	Item	Unit	Parameters		
1	Model Name	/	2BFX-20 Fertilizer Seeder	2BFX-25 Fertilizer Seeder	2BFX-28 Fertilizer Seeder
2	Structural Type	/	Mechanical; Mounted	Mechanical; Mounted	Mechanical; Mounted
3	Matching Power Range	kw	40-60	55-74	59-81
4	Overall Dimensions of Land Preparation	mm	1900x3240x2100	2240x3900x2100	2240x4500x2100
5	Operating speed range	m/s	1.11-1.67(4-6KM/h)	1.11-1.67(4-6KM/h)	1.11-1.67(4-6km/h)
6	Hourly Work Efficiency	hm²/h	1.2-1.8(18-27Mu/Hour)	1.5-2.25(22.5-33.8Mu/Hour)	1.68-2.52(25.2-37.8Mu/Hour)
7	Working Width	cm	300	360	420
8	Row spacing	cm	15	15	15
9	Number of Working Rows	row	20	25	28
10	Type of Seed Meter	/	Fluted Wheel, Non-Metallic Material	Fluted Wheel, Non-Metallic Material	Fluted Wheel, Non-Metallic Material
11	Number of Seed Meters	piece	20	25	28
12	Fertilizer Applicator Type	/	Fluted Wheel, Non-Metallic Material	Fluted Wheel, Non-Metallic Material	Fluted Wheel, Non-Metallic Material
13	Number of Fertilizer Applicators	piece	20	25	28
14	Seed Furrow Opener Type	/	Double Disc	Double Disc	Double Disc
15	Number of Seed Furrow Openers	piece	20	25	28
16	Depth Adjustment Range of Seed Furrow Openers	mm	30-80	30-80	30-80
17	Fertilizer Furrow Opener Type	/	Double Disc	Double Disc	Double Disc
18	Number of Fertilizer Furrow Openers	piece	20	25	28
19	Depth Adjustment Range of Fertilizer Furrow Openers	mm	30-80	30-80	30-80
20	Seed/Fertilizer Box Volume Single Seed Box Volume	L	325/350;525	430/410;610	475/502;702
21	Discharge Adjustment Method	/	Adjustment Handle	Adjustment Handle	Adjustment Handle
22	Transmission Method of Seeding Section	/	Chain Drive	Chain Drive	Chain Drive
23	Wheel Type	/	Pneumatic Rubber Tire	Pneumatic Rubber Tire	Pneumatic Rubber Tire
24	Seeding Rate	kg/hm	12-640(0.8-42kg/mu)	11-590(0.7-39kg/mu)	11-590(0.7-39kg/mu)
25	Fertilizer Application Rate	kg/hm	40-400(2.7-27kg/mu)	36.9-369(2.5-25kg/mu)	36.9-369(2.5-25kg/mu)

## Product Features

- The soil coverer adopts a four-bar linkage structure, and the soil covering square tube moves up and down in parallel, providing better passage and more even soil covering.
- The V-shaped design of the compaction wheel adopts the most scientific V-shaped design. During the soil covering process, it evenly compresses the soil ridges, making the soil finer and the ground flatter.
- The drip irrigation belt with a retainer ring design - the double-row drip irrigation belt with a retainer ring design saves time costs and improves work efficiency during operation.





## Boshiran 1LFT Series Hydraulic Tilting Plough

Xinjiang Boshiran 1LFT Series Hydraulic Reversible Adjustable-Width Plow  
A proprietary, high-efficiency, and precision-engineered tillage solution independently developed by Boshiran, designed to deliver durability, adaptability, and unmatched performance in diverse soil conditions

### Product parameters

项目	1LFT-455	1LFT-450	1LFT-550(4+1)	1LFT-460	1LFT-560(4+1)
Total Amount	2430	2300	3200	3000	3600
Length	4740	4320	5245	5050	5955
Height	1720/1820	1840/1940	1840/1940	1840/1940	1840/1940
Plowing Depth	22~35	22~35	22~35	22~35	22~35
Beam Height	80/85	85/90	85/90	85/90	85/90
Beam Specification	120x120x12	140x140x12	140x140x12	140x140x12	140x140x12
Plow Body Spacing	110	100	100	120	120
Single Plow Working Width	36、42、48、55	33、38、43、50	33、38、43、50	40、46、53、60	40、46、53、60
Weight	1562	1640	2235	1720	2320
Matching Power	160~200/117.6~147	160-200/117.6~147	180~240/132.3~176.5	180~220/132.3~161.7	220-300/161.7~220.6
Structural Type	Mounted	Mounted	Mounted	Mounted	Mounted
Total Width Adjustment Range	144~220	132~200	165~250	160~240	200~300

### Product Features



Boshiran 1LFT-550 series hydraulic tilting and amplitude-modulation share plow



Boshiran 1LFT-450 series hydraulic tilting and amplitude-modulation share plow

- Imported Italian Reversing Valve: Ensures stable, reliable hydraulic cylinder operation with extended service life.
- Boron Steel Heat-Treated Components (plowshares, beams, clamps): Deliver exceptional strength, toughness, and wear resistance in abrasive soils.
- Shear Bolt Safety System: Automatically disengages when encountering rocks or roots, preventing structural damage.
- 4 Working Width Settings: Optimize plowing configurations based on soil resistance and crop requirements.



Boshiran Flow-Splitting Land Leveler  
Incorporating state-of-the-art flow-splitting technology, this land leveler achieves unprecedented precision in soil management by stratifying and fractionally redistributing soil or ground materials into uniform layers, ensuring optimal field preparation for seeding or irrigation.

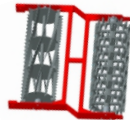
## Boshiran 1ZFZ Series Folding Shunt-type Soil Preparation Machine

### Product parameters

项目		1ZFZ-4.0	1ZFZ-5.0	1ZFZ-6.0	1ZFZ-7.0
Working State	Length	8340	9722	9722	9722
Dimensions mm	Width	4000	5000	6100	7100
	Height	1190	1380	1660	1660
Transportation status	Length	8340	9722	9722	9722
dimensionsmm	Width	2200	3050	3250	3250
	Height	2160	2257	2528	2904
Structural Type		Towed	Towed	Towed	Towed
Total Machine Weight, kg		3900	5100	5700	6200
Matching Power, kw		117.5-147.1	132.3-176.6	161.8-200.7	191.2-250.1
Number of folding cylinders		4	4	4	4
Model of folding cylinders		80/45-820/511	80/45-820/511	80/45-820/511	80/45-820/511
Working width, mm		4000	5000	6000	7000
Minimum transport clearance, mm		355	355	355	355
Number of lifting cylinders		110/60-580/310	110/60-580/310	110/60-580/310	110/60-580/310
Type of compaction mechanism		1	1	1	1
Number of compaction mechanisms		Roller	Roller	Roller	Roller
Type of soil breaking mechanism		3	4	4	6
Number of soil breaking mechanisms		Roller	Roller	Roller	Roller
Number of lifting cylinders		3	4	4	6

### Product Features

- Customizable Working Widths: Adapts to tractor power (80–200 HP) and user requirements, offering suitable solutions for diverse field sizes.
- Modular Components: Includes a flow-splitting leveling frame, adjustable ground wheels, soil crusher roller, and compaction roller—minimizing complexity while maximizing durability.
- Tilling Depth: Adjustable from 0–13 cm to suit soil conditions.
- Blade Angle: Adjustable between 6–14° for optimal soil fracturing and leveling.
- Enhanced Speed: Achieves faster field coverage than conventional models due to reduced component friction and streamlined workflow.
- Minimalist Component Design: Fewer moving parts ensure lower maintenance and higher uptime.
- One-Piece Welded Frame: Eliminates weak points and reduces mechanical failures.
- Limited Rotating Parts: Only the soil crusher roller and compaction roller require periodic servicing,







### Boshiran 1BQ-4.0 Power Harrow

Boshiran 4-Meter Heavy-Duty Power Harrow

Engineered for precision soil preparation and durability in demanding conditions, this harrow combines advanced engineering with material innovation to deliver unmatched performance.

### Product parameters

Serial Number	Item	Unit	Parameters
1	Structural Type	/	Vertical shaft type
2	Matching Power Range	kW	132.4-176.5
3	Overall dimensions (L x W x H)	mm	1580x4200x1300
4	Working width	cm	400
5	Matching power take-off shaft speed	r/min	1000
6	Connection method with matching tractor	/	Three-point hitch
7	Main shaft speed	r/min	338~390(350~440 Optional )
8	Working speed	km/h	7-10
9	Harrow tine spacing	cm	-5.5
10	Harrowing depth	cm	5~18
11	Number of harrow gangs	Set	16
12	Number of harrow tines	piece	32
13	Total Weight	Kg	2350

### Product Features

- Optimized Tractor Compatibility: Ensures smooth power transfer and adaptability to clay, loam, sandy, and rocky soils.
- Enhanced Structural Integrity: Provides superior torsional resistance and stable operation under heavy loads.
- Spherical Double-Row Deep Groove Ball Bearings: Offer 30% higher load-bearing capacity than standard bearings, ensuring longevity in demanding conditions.
- Dual-Function Design: Improves soil compaction and moisture retention for enhanced seedbed preparation.
- Superior Soil Fragmentation: Achieves uniform particle size for optimal aeration.
- Precision Leveling: Maintains ±2 cm field flatness to promote consistent seed germination.
- Tilth Enhancement: Creates a loose, well-structured seedbed for improved root development.



### Boshiran 2MBJLS-6 Multifunctional Planter

A revolutionary all-in-one agricultural solution that integrates seven critical farming processes—rotary tillage, ridging, fertilization, seed tape laying, drip tape laying, pesticide spraying, and film mulching with soil covering—into a single-pass operation, redefining efficiency and precision in modern crop establishment.

### Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	5393 Multi-function Planter
2	Structural Type	/	Mechanical; Mounted
3	Overall dimensions (L x W x H)	mm	3245x2860x1670
4	Number of rows	row	6
5	Row spacing	mm	100( Adjustable )
6	Adaptable Film Width	mm	2400( Adjustable )
7	Number of Fertilizer Applicators	piece	6
8	Fertilizer Box Discharge Adjustment Method	/	Adjustment Handle
9	Fertilizer Box Capacity	L	430
10	Fertilizer Device Transmission Method	/	Electric motor drive
11	Number of furrow openers	piece	2
12	Number of covering discs	piece	4
13	Number of drip irrigation pipe (tape) frames	piece	3
14	Seed metering type	/	Seed rope type
15	Number of seed metering frames	piece	3
16	Spraying device control method	/	Three-way ball valve
17	Power requirement for rotary tiller	kW	35-65
18	Rotary tiller dimensions (L x W x H)	mm	2270x700x560
19	Tilling depth	mm	120-150
20	Ridge height (range)	mm	170(Adjustable)
21	Ridge forming device drive method	/	Hydraulic transmission
22	Ridge height adjustment method	/	Adjustment screw

### Product Features

- Furrow Planting Technology creates a protective microclimate greenhouse effect during and after seedling emergence, effectively shielding young plants from thermal shock and physical damage caused by sudden temperature drops, hailstorms, and other extreme weather events.





## Boshiran 2MBJ Series Precision Seed Planter

Independently developed and manufactured by Xinjiang Boshiran, this planter revolutionizes precision agriculture by integrating four critical processes—soil leveling and compaction, drip tape laying, film mulching with soil covering, and precision seeding through film—into a single-pass operation, optimizing efficiency and crop establishment accuracy.planting on the film in one pass.

### Product parameters

Serial Number	Item	Unit	Parameters		
1	Model Name	/	2MBJ-2/12	2MBJ-1/6	2MBJ-3/12
2	Overall dimensions	mm	2560X4800X2580	2560X2350X1500	2560X4800X2580
3	Structural weight	kg	1280	600	1280
4	Number of film layers	Layer	2	1	3
5	Suitable film width	mm	2050	2050	1250
6	Number of seeding rows	row	12	6	12
7	Row spacing	mm		100+660 (120+640)	
8	Seeding depth	mm		25-30	
9	Working speed	h m <sup>2</sup> /h		3.5-4	
10	Matching Power	kw	≥66	≥36	≥66



2MBJ-3/12 Mechanical Precision Film-Mulching Seeder



2MBJ-1/6 Mechanical Precision Film-Mulching Seeder

### Product Features

- Excel Seed Placement Accuracy: Ensures uniform germination and eliminates gaps. Skipping/Double-Planting Rate : Minimizes seed waste and manual correction needs.
- Reinforced Alloy Construction: Combines high strength-to-weight ratio with corrosion resistance. Quick-Connect Components: Enables rapid field assembly and maintenance.
- Multi-Angle Leveling Roller: Delivers uniform soil coverage (±2 cm variance) over uneven terrain. Debris-Clearing Blade: Removes surface rocks and crop residue to create ideal seedbed conditions.



## Boshiran 2MBJ Series Corn Film Planter Introduction

Independently developed and manufactured by Xinjiang Boshiran, this planter revolutionizes precision agriculture by integrating four critical processes—soil leveling and compaction, drip tape laying, film mulching with soil covering, and precision seeding through film—into a single-pass operation, achieving unparalleled efficiency and crop establishment accuracy.

### Product parameters

Serial Number	Item	Unit	Parameters		
1	Model Name	/	2MBJ-2/4 Film Mulching Planter	2MBJ-3/6 Film Mulching Planter	2MBJ-4/8 Film Mulching Planter
2	Complete Machine Part Number	/	5324.00	5326.00	5348.00
3	Structural Form (Mounting Method)	/	Three-Point Rear Hitch	Three-Point Rear Hitch	Three-Point Rear Hitch
4	Matching Power Range	KW	22~55	25~55	40~55
5	Overall Dimensions (Length x Width x Height)	mm	2900X2250X1440	2900X3200X1440	2900X4200X1550
6	Number of rows	row	4	6	8
7	Row spacing	mm	Single Film 350~450 Adjustable	Single Film 350~450 Adjustable	Single Film 350~450 Adjustable
8	Adaptable Film Width	mm	750	750	750
9	Type of Seed Meter	/	Seed Spoon/Clip Type	Seed Spoon/Clip Type	Seed Spoon/Clip Type
10	Number of Seed Meters	piece	4	6	8
11	Covering Device Type	/	Roller/Rated Body	Roller/Rated Body	Roller/Rated Body
12	Number of drip irrigation pipe (tape) frames	piece	2	3	4
13	Seed Box Capacity	L	30	45	60
14	Operating speed range	Km/h	3.5~4.0	3.5~4.0	3.5~4.0
15	Seeding Transmission Mode	/	Natural Opening	Natural Opening	Natural Opening

### Product Features

- The film-unrolling roller bearing seat employs a patented new design with a conical shape, which can effectively reduce the shifting of the mulching film during the film-laying operation.
- The high-quality hole seeder features high seeding accuracy and minimal missed or repeated seeding.
- The soil-covering drum is designed reasonably to ensure even soil coverage.
- The bulldozing plate can effectively remove debris from the soil surface, creating favorable conditions for seeding.
- The entire machine adopts a frame structure, making it stable, durable, and lightweight.
- The seed box also uses a newly designed integral seed box with a larger space, capable of storing more seeds. The structural design is reasonable, improving seeding efficiency.





Boshiran 2ZB Series Vegetables Transplanter

Custom-developed for Xinjiang’s unique agronomic conditions, this transplanter delivers versatile performance in flat terrain, film-mulched beds, and raised ridges, specifically optimized for plug-grown crops like peppers and tomatoes.

Product parameters

Serial Number	Item	Unit	Parameters	
1	Model Name	/	2ZB-2 Vegetable Transplanter	2ZB-4 Vegetable Transplanter
2	Structural Form	/	Mechanical; Mounted	Mechanical; Mounted
3	Matching Power Range	kW	29.4-47.8	66.2-88.2
4	Overall dimensions (L x W x H)	mm	2204x2050x2550	3380x2890x2600
5	Row Spacing Adjustment Range	cm	35-60	30-50-30
6	Wheel Track	mm	1200-1600	1600-1700
7	Ground Wheel Diameter	mm	610	610
8	Number of Duckbills	piece	2x4	4x5
9	Number of Working Rows	row	2	4
10	Plant Spacing Adjustment Range	cm	20-40	16-32
11	Planting Depth Adjustment Range	cm	6-10	6-10
12	Seedling Hole Diameter	cm	50	50
13	Applicable Seedling Type	Layer	3x5	3x5
14	Seeding Transmission Mode	/	Plug Seedling	Plug Seedling
15	Structural weight	kg	710	1935

Product Features

- Five Planter Heads per Unit  
Smooth, Synchronized Motion: Ensures fluid operation even at tighter plant spacing , ideal for high-density crops like peppers and tomatoes.
- Bearing-Supported plant header Mechanism: Reduces friction and vibration, extending component lifespan
- Four-Bar Linkage Depth Adjustment Effortless Planting Depth Control: via a easy single lever, adapting to seedling size and soil conditions.
- Precision Height Calibration: Fine-tune ground wheel height using a lead screw system, ensuring consistent planting depth across uneven terrain.
- High-Capacity Storage: eliminating mid-row reloading and boosting efficiency



3000L Polyethylene Chemical Tank: Lightweight yet durable construction ensures corrosion resistance and extended operational life.High-Flow Diaphragm Pump: Delivers consistent, high-pressure chemical distribution for uniform field coverage. Dedicated Flushing System:Enables rapid flushing of nozzles and pipelines

Boshiran 3WPZ-3000 Self-Propelled Sprayer

Product parameters

Serial Number	Item	Unit	Parameters	Serial Number	Item	Unit	Parameters
1	Specifications and models	/	3WPZ-3000	22	Rated speed	Kw	88.3
2	Structural Form	/	Self-Propelled Boom Sprayer with Air Curtain	23	Rated power	r/min	2400
3	Medicine Box Volume	L	3000	24	Drive Type	/	Mechanical four-wheel drive
4	Medicine Box Material	/	Polyethylene	25	Steering Method	/	Front Wheel Steering, Four Wheel Steering, Crab Steering
5	Water Tank	L	200	26	Mixing Method	/	High Pressure Recirculation Mixing
6	Mixing Tank	L	20	27	Working pressure	Mpa	0.3~0.7
7	Material Box	/	740*350*400	28	Filtration System	/	Four-Stage Filtration
8	Spray Boom Width	m	21	29	Ground Clearance	mm	1170
9	Spray Boom Height	m	0.5-3	30	Wheelbase	mm	1900-2300
10	Spray Boom Type	/	Five-Section Hydraulic Automatic Lifting and Folding	31	Wheelbase	mm	3200
11	Spray Boom Lifting	/	Hydraulic Lifting	32	Turning Radius (Two-Wheel/Four-Wheel)	m	7.2/4.5
12	Spray System	/	Precision Spraying by Computer	33	Tire Specification	/	9.5-32
13	Nozzle Spacing	/	190	34	Working speed	km/h	4~10
14	Number of nozzles	↑	110	35	Transfer Speed	km/h	25
15	Number of hanging nozzles	↑	28	36	Diesel tank	L	125
16	Type of diaphragm pump	/	Six-cylinder diaphragm pump 6400	37	Overall dimensions	m	6.85*3*3.8
17	Matching power	Kw	11	38	Blower	piece	2
18	Liquid pump flow rate	L/min	400	39	Drive Type	/	Hydraulic motor
19	Rotation speed	r/min	550-750	40	Cooling type	/	Oil cooling
20	Working pressure	Mpa	1~3	41	Ventilation type	/	Dual duct
21	Engine model	/	YN35CDF4	42	Total weight (unloaded)	To	3600

Product Features

- Optimized Droplet Size Management: Balances fine and coarse droplets to minimize drift risk while maximizing coverage and efficacy. Extended Spray Coverage: Increases effective application area by 30% with 20% less water consumption compared to conventional systems.
- Precision Airflow Guidance: Directs droplets to target areas, reducing off-target drift by 50% and minimizing environmental impact.
- Cost-Effective Operation: Lowers chemical and water usage while maintaining pest/disease control effectiveness.
- Scalable Output: Achieves 50 hectares/hour operational capacity, ideal for large-scale farming.





## Boshiran 3WPQ-4000 Trailer Windscreen Boom Sprayer

Xinjiang Boshiran 3WPQ-4000 Tractor-Mounted 4-Ton Precision Boom Sprayer  
A high-efficiency, large-capacity crop protection solution independently developed by Boshiran, engineered for precision and reliability in large-scale field spraying operations.

### Product parameters

Serial Number	Item	Unit	Parameters	Serial Number	Item	Unit	Parameters
1	Specifications and models	/	3WPQ-4000	16	Liquid pump flow rate	L/min	360
2	Structural Form	/	Towed	17	Rotation speed	r/min	500-600
3	Hydraulic type	/	Independent hydraulic	18	Working pressure	MPa	2.5
4	Medicine Box Volume	L	4000	19	Mixing Method	/	High Pressure Recirculation Mixing
5	Mixing Tank	L	20	20	Filtration System	/	Four-Stage Filtration
6	Spray Boom Width	m	21	21	Ground Clearance	mm	950
7	Spray Boom Height	m	0.5-2.76	22	Variable Track	mm	1500-2300
8	Spray Boom Type	/	Frame Type	23	Working speed	km/h	4~10
9	Spray Boom Lifting	/	Hydraulic Lifting	24	Transfer Speed	km/h	30
10	Spray Folding	/	Hydraulic Folding	25	Overall dimensions (Length*Width*Height)	m	5.8*3*3.1
11	Spray Head Type	/	M18x1.5 Internal Thread Adjustable Nozzle	26	Blower	piece	2
12	Nozzle Spacing	mm	190	27	Drive Type	/	Hydraulic motor
13	Number of nozzles	piece	109	28	Cooling type	/	Oil cooling
14	Model	/	Diaphragm Pump	29	Ventilation type	/	Dual duct
15	Matching power	Kw	11	30	Machine weight (unloaded)	kg	1650

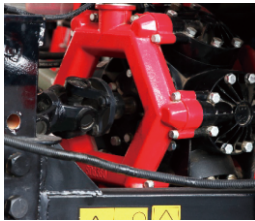
### Product Features



■ 109 Spray Nozzles: Ensures uniform chemical distribution across large fields.  
28 canopy spray Nozzles: Optimized for under-leaf and dense canopy penetration.



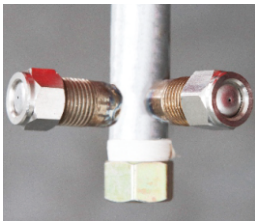
■ Front-Mounted Crop Dividers: Shields plants from mechanical damage during operation.



■ Shock-Absorbing Springs (canopy spray Nozzles): Protects the spray boom from vibrations and impacts.



■ Diaphragm Pump: Delivers stable pressure and continuous operation under heavy workloads.



■ High-Quality Nozzles: Achieves fine atomization and flow uniformity for targeted chemical application.



## Boshiran 3WPQ-5000 Trailer Windscreen Boom Sprayer

Xinjiang Boshiran 3WPQ-5000 Tractor-Mounted Air Curtain-Assisted Precision Sprayer (Premium Configuration)  
A cutting-edge, high-performance crop protection system independently developed by Boshiran, engineered for precision, adaptability, and efficiency in large-scale precision crop protection applications.

### Product parameters

Serial Number	Item	Unit	Parameters	Serial Number	Item	Unit	Parameters
1	Specifications and models	/	3WPQ-5000	16	Liquid pump flow rate	L/min	360
2	Structural Form	/	Towed	17	Rotation speed	r/min	500-600
3	Hydraulic type	/	Independent hydraulic	18	Working pressure	MPa	2.5
4	Medicine Box Volume	L	5000	19	Mixing Method	/	High Pressure Recirculation Mixing
5	Mixing Tank	L	20	20	Filtration System	/	Four-Stage Filtration
6	Spray Boom Width	m	21	21	Ground Clearance	mm	950
7	Spray Boom Height	m	0.5-2.76	22	Variable Track	mm	1900-2500
8	Spray Boom Type	/	Frame Type	23	Working speed	km/h	4~10
9	Spray Boom Lifting	/	Hydraulic Lifting	24	Transfer Speed	km/h	30
10	Spray Folding	/	Hydraulic Folding	25	Overall dimensions (Length*Width*Height)	m	5.8*3*3.1
11	Spray Head Type	/	M18x1.5 Internal Thread Adjustable Nozzle	26	Blower	piece	2
12	Nozzle Spacing	mm	190	27	Drive Type	/	Hydraulic motor
13	Number of nozzles	piece	109	28	Cooling type	/	Oil cooling
14	Model	/	Diaphragm Pump	29	Ventilation type	/	Dual duct
15	Matching power	Kw	11	30	Machine weight (unloaded)	kg	1850

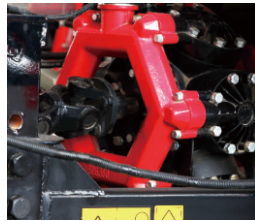
### Product Features



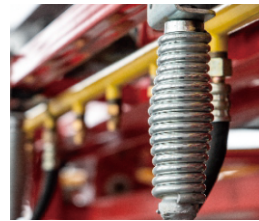
■ 109 Spray Nozzles: Ensures uniform chemical distribution across large fields.  
28 canopy spray Nozzles: Optimized for under-leaf and dense canopy penetration.



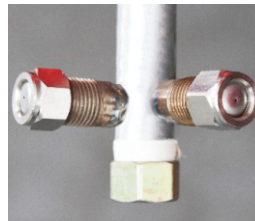
■ Front-Mounted Crop Dividers: Shields plants from mechanical damage during operation.



■ Shock-Absorbing Springs (canopy spray Nozzles): Protects the spray boom from vibrations and impacts.



■ Diaphragm Pump: Delivers stable pressure and continuous operation under heavy workloads.



■ High-Quality Nozzles: Achieves fine atomization and flow uniformity for targeted chemical application.



1MSFG-2.1A Residual Film Recycler

Other Machinery



Boshiran 1MSFG-2.1A Residual Film Recycler

A groundbreaking, multi-process agricultural implement developed by Boshiran, designed to simultaneously execute three critical field operations—crop stalk shredding and field incorporation, plastic film residue collection, and residual film baling—in a single-pass workflow, delivering high operational efficiency and unwavering reliability.

## Product parameters

Serial Number	Item	Unit	Parameters
1	Model Name	/	1MSFG-2.1A Residual Film Recycler
2	Pickup mechanism type	/	Spring-tooth roller type + comb teeth
3	Matching Power	kW	103.0~191.1
4	Overall dimensions (Length X Width X Height)	mm	5700x3150x2050
5	Transport Ground Clearance	mm	300
6	Total Volume of Film Collection Box	m3	0.22
7	Working width	mm	2100
8	Productivity	h m³/h	0.4~1.1
9	Type of Residual Film Recovery Mechanism	/	Stripper Bar + Round Roller Film Collection and Baling Device
10	Straw Shredder Type	/	Flail Type

## Product Features

- Modular Spring Tines: Independently detachable for quick repairs or replacements, ensuring minimal downtime.
  - Simplified Structure: Reduces mechanical complexity while delivering film pickup efficiency.
  - Depth-Limiting Device & Gauge Wheels: Allow precise control of tine or flat shovel penetration , adapting to soil hardness and residue conditions.
- Reinforced Collection Mechanism: Manufactured with high-strength, wear-resistant alloys to extend component lifespan in abrasive soils.
  - One-Touch Unloading: Activates a hydraulic rear-tipping mechanism for rapid, labor-free residue disposal.
  - Impeller Mechanism: Combines centrifugal force and airflow to achieve 98%+ film removal efficiency from soil and debris.

4GL-5A Mulberry and Hemp Picker

## Boshiran 4GL-5A Mulberry and Hemp Picker

## Product parameters



Serial Number	Item	Unit	Parameters
1	Product Model	/	4GL-5A
2	Matching Power	/	Tractor 12-60 HP
3	Cutting width	row	5
4	Stubble Height	cm	2-5
5	Laying Type	/	Side Laying
6	Production Efficiency	Mu/Hour	3-9
7	Overall Dimensions	cm	215X103X78
8	Packaging Dimensions	cm	225X49X90
9	Net Weight/Gross Weight	kg	155/200
10	Product Features	/	Suitable for Various Large, Medium, and Small Tractors
11	Suitable Crops	/	Mulberry Stems, Ramie, Row-planted Plants, etc., 50-300cm Crops