



# Shijiazhuang Goldrain I/E Co., Ltd

*Self Developed Design Manufacturer*

**Welcome to visit**





**Wheel Tractor**



**3WP-300 Series Agricultural Sprayer**



**5YB Series Corn Peeling Machine**



**3ZF-35 Mini Cultivator**



**3ZF-40 Mini Cultivator**



**3WG3.1 Power Tiller**



**3WG5.5 Power Tiller**



**4QZ-1800 Forage Harvester**



**2BFY-4C Corn planter**



**2BFY-36 grain seeder**

## YTO Series Wheeled Tractor



45HP,4 wheel drive,Sun Shield+ROPS,Double-acting Clutch,8.3-20/12.4-28 Tire,8F/4R Shaft,4F/4R Ballast,Force and Position adjustment, Air Brake

75HP,4 wheel drive,Sun Shield+ROPS,Unilateral Brake,LUK Double-acting Clutch,Two Group Hydraulic Output,Maintenance-Free Battery,Adjustable Seat,11.2-24/16.9-30 Tire,12F/4R Shaft,4F/2R Ballast,Force and Position adjustment with quickly movement,Canned large flow cartridge, Air Brake

90HP,4 wheel drive,Sun Shield+ROPS,Unilateral Brake,LUK Double-acting Clutch,Two Hydraulic Output,Maintenance-Free Battery,Adjustable Seat,11.2-28/16.9-34 Tire,12F/4R Shaft,10F/6R Ballast,Force and Position adjustment with quickly movement,Canned large flow cartridge,Air Brake

# Cassava Planter

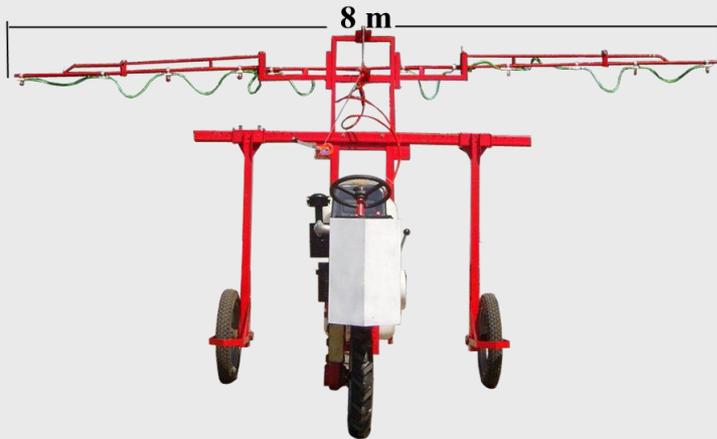
It can finish ditching, fertilizing, cutting and putting cassava stem for sowing, covering soil, vibration pressure processing at the same time.

<b>Model</b>	2CS-2	<b>Fertilizer tank volume</b>	240 L
<b>Size ( L×W×H ) mm</b>	2020×1950×1870	<b>Transport height from the ground ( mm )</b>	not less than 300
<b>Net weight ( Kg )</b>	790	<b>Amount of fertilizer(Kg/ha)</b>	190 ~ 760
<b>Suspension mode</b>	Three point suspension	<b>Drive mode</b>	Traction wheel type
<b>Number of seeding rows</b>	2	<b>Number of support staff ( person )</b>	2
<b>Sowing spacing ( mm )</b>	700	<b>Capacity ( ha/h )</b>	0.4 ~ 0.8
<b>Power (Kw)</b>	≥44.2	<b>Working speed ( Km/h )</b>	≤4.5
<b>Transfer method</b>	Chain drive	<b>Opener form</b>	Double disc type



# 3WP-300 Series Agricultural Sprayer

3WP-300 series **self-propelled agricultural power sprayer** is our most update self-developed product, it is suitable for those middle and big farms, which save labor and improved the working efficiency, its unique design of structure, not only decrease its weight, but also can protect the crop avoiding destroyed by the wheel of the machine.



Model	3WP-300A	3WP-300B
Engine model	186 diesel	186 gasoline
Engine power	9hp	9hp
Case volume	300L	300L
Working width	8M	8M
Total weight	500kg	500kg



# 5YB Series Corn Peeling Machine

In operation, the corncobs will get into the working space through feed hopper. Connected to the motor by pulley and V-belt, the driving shaft can reach a speed of 550-600 rev / min. The design of spiral rolling belt can help push the corncobs to the machine outlet, and the metal strip on the rubber roller is used to slice the corn peel, then the opened peel will be clamped and torn up by the roller shaft rotating at both sides, and completely peel the corncobs off.



Model	5YB-950-2
Rated power (kw)	2.8
Overall dimensions (mm)	1170*430*810
Net weight (kg)	55
Rubber roller shaft speed (r/m)	550/600
Productivity (pcs/h)	6000-8000
Peeling off rate	≥85%

# 3ZF Series Mini Cultivator

1. This machine is research and development by ourselves and promoted more than ten years. we only the patent granted by State Intellectual Property Office of the People's Republic of China.
2. The machine is widely used in farmland management for corn (maize), cotton, peanut, tea tree, tobacco, and fruit garden.
3. It's a multi-function tools include cultivating, fertilizing, seeding, ridging, ditching, etc.
4. The seeding device can sowing corn, soybean, peanut, wheat, rice, sesame, sorghum etc seeds.
5. It is adopted wheel-driven mode and Caterpillar mode, with characteristic of flexible operation and strong adaptability.
6. Its compact size and light weight makes it easy to maneuver, transport, and store. A reliable and powerful engine ensures you will be able to get the job done no matter what type of soil you have.

Item	Classical type 3ZF—35	Caterpillar type 3ZF—40
Engine model	170F single cylinder, 4-stroke, air-cooled engine	
Structure type	Dowel pin hinge connection	
Driven power (hp)	7.5	
Overall Dimension (mm)	1250*550*800	
Net weight (kg)	53	78
Cultivating depth (mm)	50—100	
Fertilizer opener	Shovel	
Transmission mode	V-belt	
Working efficiency (ha/h)	0.2—0.3	
Working width (mm)	300—500	
Drive mode	Wheel type	Caterpillar type



**3ZF-35**



**3ZF-40**

# 3WG Series Power Tiller

1. It's a multi-function machine which can be tilling, fertilizing, seeding, weeding, ditching etc by replace different implements.
2. Suitable for mountainous areas and small piece of land. It has reverse gear and instant stop protector, with the compact body operates smart, convenient and safe, it has been widely used in arid land, paddy field greenhouse and fruit garden etc.
3. The transmission mode of new type mini tiller is direct connection that reducing the power loss during transmission, make more power for tilling.
4. The Standard configuration: 1 pair rubber wheels and 1 pair rotary blades, rotary blades can be adjusted. It can also equip with weeding wheel.

<b>Model</b>	3WG5.5
<b>Driven power</b>	170F air cooled engine
<b>Engine power (hp)</b>	7.5
<b>Net weight (kg)</b>	100
<b>Overall dimension (mm)</b>	1500*900*800
<b>Tilling width (mm)</b>	500-900
<b>Tilling depth (mm)</b>	100
<b>Gear shift</b>	2.0.1 backward
<b>Clutch method</b>	Automatic clutch
<b>Driven mode</b>	Rubber wheel
<b>Transmission mode</b>	V-belt or direct connection
<b>Knife's diameter (mm)</b>	360



# 4QZ-1800 (2100) Forage Harvester

Item	Unit	Specification
Model		4QZ-1800
Overall dimension	mm	5000*1800*2900
Net weight	kg	5200
Engine power	hp	140
Main shaft speed of cutting device	r/min	1300
Header width	mm	1800
Header up-down scope	mm	0-400
Cutting device structure		upright
Throwing drum turning angle	°	360
Rotor diameter of cutting device	mm	800
Stubble height	mm	≤150
Fragment length	mm	Adjust the quantity of the saws
Throwing height	mm	4300
Throwing distance	mm	≥3000
Walking velocity	km/h	1-10
Working efficiency	t/h	29



## **4QZ-1800 ( 2100 ) Forage Harvester**

**4QZ-1800 green forage harvester is one of our major product. It can harvester corn, sorghum, wheat, juncao as animal feed. It is quite popular by those middle size farm because its high efficiency and competitive price.**

1. The design of double discs header feeds all the crops uniformly into drum, which can cut all the stalks within the working width(not row by row), to improve the yield rate.
2. Adopted upright feeding roller, upright chaff cutter, which is simple structure and stable performance, not only cutting off the straw cuticle, but also retaining the nutrients,
3. They are equipped with YTO inline 4-cylinder with 140 hp turbo engine, efficient and high-powered.
4. The new cab with 270 degree wide field of vision and simple operating system makes it easy to drive.
5. Equipment with storage containers of forage makes forages recycle and harvest more convenient.
6. Big track and short wheelbase make it convenient and flexible to bend and turn
7. High efficiency, low price, and low fuel consumption, make this machine become more and more small and middle size pasture's first choice.

## 2BFY-4C Corn Planter

This corn planter specially designed for African market, which is stronger and more durable than similar machine. It has been widely used by clients from Tanzania, Kenya and Nigeria, etc.



It is adopted picker finger precision seed metering unit, which can realize one pit one seed.



## 2BFY-4C Corn Planter

Item		unit	2BFY-3C	2BFY-4C	2BFY-5C	2BFY-6C
Overall Dimensions	Lenght	mm	1900	1900	1900	1900
	Width		2600	3500	4400	5300
	Hight		1400	1400	1400	1400
Net weight		Kg	540	690	830	980
Row Space		mm	400-900			
Seed Sowing Device			picker finger seed drill(corn)Scoop Planter(soybean)			
Inter-plant Distance		mm	76-189(corn)18-44(soybean)			
Working Speed		Km/h	5.0-9			
Drilling Depth		mm	30-60			
Fertilizing Depth		mm	50-80			
Volume of Seed Hopper		L	35×3	35×4	35×5	35×6
Volume of Fertilizer Hopper		L	50×3	50×4	50×5	50×6
Driving Force		Kw	29-73	36-73	53-73	53-88
Working Efficiency		Ha/h	0.6-2.4	0.8-3.2	1.0-4	1.2-4.8

## 2BFY-24,36 grain seeder

Model	2BFY-24	2BFY-36
Overall dimensions for operation (cm)	376×736×166	436×978×166
Overall dimensions for transport (cm)	376×438×166	756×224×188
Working width (cm)	360	540
Net Weight (kg)	1450	2250
Power source(kW)	40.4-88.2	55-132.3
Power transmission	Chain transmission	Chain transmission
Fertilizer box capacity (L)	430	645
Seed box capacity (L)	410	615
Seed-release unit	Externally fluted iron roller	Externally fluted iron roller
Fertilizer-release unit	Externally fluted iron roller	Externally fluted iron roller
Field efficiency (hm <sup>2</sup> /h)	2.16-3.6	3.24-5.4
Working speed (km/h)	6-10	6-10
Number of rows (basic)	24	36
Spacing between front and rear furrow openers (mm)	260	260
Lift mechanism	Hydraulic transmission	Hydraulic transmission
Drive wheel	Pneumatic rubber tyre	Pneumatic rubber tyre
Basic row spacing (mm)	150 (adjustable)	150 (adjustable)

2BFY series Grain seeder with Fertilizeris suitable for sowing small size seeds such as wheat, soybean, rice, millet and vegetables, etc. in large and middle sized fields, it adopted hydraulic system to control the lift and down of the furrow opener, side wheels and pressing roller is optional accessories.



# Product Patent

## Appearance Design Patent Certificate

证书号第1029637号



### 外观设计专利证书

外观设计名称：汽油机(168F)

设计人：闻振华

专利号：ZL 2008 3 021293.5

专利申请日：2008年9月17日

专利权人：闻振华

授权公告日：2009年9月30日

本外观设计经本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。缴纳本专利年费的期限是每年9月17日前一个半月内。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 田力普



2009年9月30日

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## Utility Model Patent Certificate For 3ZF Cultivator

证书号第888385号



### 实用新型专利证书

实用新型名称：一种小型机动三轮农机具

设计人：闻振华

专利号：ZL 2005 2 0141919.9

专利申请日：2005年11月23日

专利权人：闻振华

授权公告日：2007年1月10日

本实用新型经本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

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局长 田力普



2007年1月10日

第1页(共1页)

## Utility Model Patent Certificate For 3ZF Cultivator

证书号第2407022号



### 实用新型专利证书

实用新型名称：螺旋推进式排肥器

发明人：闻振华

专利号：ZL 2011 2 0543043.6

专利申请日：2011年12月22日

专利权人：闻振华

授权公告日：2012年09月12日

本实用新型经本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

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局长 田力普



2012年09月12日

第1页(共1页)

# Factory and Workshop





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