

**BORGAR** has made it simple now to our  
dedicated farmers in Malawi....

*Tung*



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# **product** **brochure**

**2023-1**



Sino Borcar Investment Holdings(MW)Limited  
**Farming no more hard work once you  
have Borcar agri machine**



## Company Profile



Borcar investments specializes in the agricultural industry. Our expertise is in the provision of agro-equipment and machine servicing.

Our main focus is to provide affordable, durable and serviceable agro-equipment to small and medium scale farmers in Malawi. To ensure high workmanship, our staff consists of specialist in Agriculture, Mechanics, Technicians and public relations offer.

We offer farming equipment for: rice farming, Maize farming, Soy bean and groundnuts farming, fruits and vegetable farming and winnowing equipment for various grains.

Our Offices can be found in Lilongwe along Mchinji road and distributors in Mzuzu, Blantyre, Kasungu, Zomba and all over Malawi.

We are looking for the reliable businessman to join us to provide better service for farmers in Malawi.

### Farming Machine

- Cultivator
- Power tiller
- Rice planting machine
- Tractor

### Threshing Machine

- Auto maize sheller
- Manual maize sheller
- Soy & rice sheller
- Groundnut sheller

### Harvesting Machine

- Maize harvester
- Rice harvester
- Groundnut harvester
- Groundnut plucker

### Universal Machine

- Planter / fertilizer drill
- Water pump / sprayer
- Agri-tractor / tricycle
- Solar power system
- hole drilling machine

### VISION

Our business focuses on the complete value chain of farm mecha-nization starting from land preparation to post harvest solutions.

### MISSION

Our mission is to deliver prosperity to farmers across Malawi by providing innovative crop specific farm technologies aimed at enhancing productivity.

### CORE VALUES

#### Customer

We may not be able to wipe the sweat from the customers face but we can be able to put smile on their face.

#### Products

An uncompromising focus on quality not just products, but in all that we do.

#### People

We are not just individuals doing our job. We are partners in prog-ress and development, People comes first in all we do.

#### Ethics

Our strong foundation has been ethical practices and transparent operations.

### SERVICE SUPPORT

- An expert team of professionals ceaselessly coordinates with dealers and authorized service centers in order to ensure a zero down time.
- To offer technical support through a dedicated emergency line which operate during business hours for seven days a week.
- In order to ensure service at customer's door step, a system of mobile service personnel to reach customers at their site is in place.

### PARTS SUPPORT

- We have a warehouse fully stocked with all spare parts of all our machines to ensure the customers do not lose out looking for the spare parts elsewhere.

### PRODUCT TRAINING

- We have a full department of service staff whose key role is educating farmers on the farm mechanization and commercial use of our products to increase agricultural production at a low cost.
- All our customers and our dealers go through a vigorous training program on the use and maintenance of our products.

## Cultivator BCV0751



## Cultivator

Item	Parameter
Model	BCV0751
Structure	Front-mounted
Engine model	Gasoline engine
Rated power	4.1KW /7.5HP
Dimension(LxWxH)	1450x600x650MM
Weight	70kg/78kg/70kg/74kg
Transmission mode	Triangle belt
Connection mode	Direct connecyion
Adjustment of handlebar Horizontal	180°/360°
Adjustment of handlebar Vertical	120°
Rotate speed	I gear: 101r/min; II gear: 133r/min;
Knife roll Max.tuning radius	165mm
Number of blades	24/32
Model of rotary blade	165mm
Main clutch type	涨紧轮式Tensioner
Tilling width	700mm
Tilling depth	≥100mm
Operating speed	≥0.3m/S
Productivity	10~13hours/Hectare
Fuel consumption	10~13L/hectare
Wheel size	400-8,400-10/350-6
Fuel grade	92#,93#

## Power Tiller **chogaulila**

BPT1201

Engine model: diesel engine

Productivity: ≥0.4m/S

Fuel consumption: 9~12L/Hectare



## Maize Harvester

Item	Parameter
Model	BMH1201
Structure	Front-mounted
Engine model	Gasoline engine
Rated power	7.5kw / 12hp
Dimension(LxWxH)	2050×900×1300mm
Weight	262KG
Transmission mode	Gear transmission
Connection mode	Direct connection
Adjustment range of handlebar	Horizontal 360°
Adjustment of handlebar Vertical	45°
Rotate speed	1380
Knife roll Max.tuning radius	240mm
Number of blades	14
Model of rotary blade	Jiaolong blade
Main clutch type	涨紧轮式Tensioner
Operating speed	0.72-1.44km/s
Productivity	8~10hours/acre
Fuel consumption	3.5~5L/acre
Diesel grade	0#



### Walking Tractor BPT1401

Engine model:diesel engine

Diameter of towing pin	26mm	
V-belt	Length	1905mm
	Quantity	2pics
Diameter of engine pulley	140mm	
Diameter of transmission pulley	180mm	
Axle	Type	Hexagonal axle
	Size	44.5
Rubber tire	Type	Special tire for tractor
	Size	750-16
	Pressure	46pound/sq.inh
Diameter of iron wheel	800mm	
Lubricant in	SSAAE No.90	
Transmission	5.5-6L	
Tractor weight	185kg (with 750-16 rubber wheels)	
(excluding the engine)	234kg (with iron wheels)	
Power	14Hp	



### Rice Transplanter

Technical Parameters of Transplanter

#### BRT0451

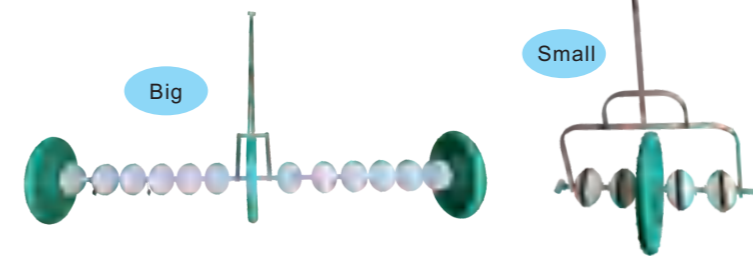
structural type : Two wheels three floating plates type  
 engine type:YAMAHA MZ175-B-1  
 four-stroke gasoline engine  
 work speed (km/h):1.00~2.77 (no skidding)  
 walk speed on road(km/h): 2.09-5.33  
 work lines (line):4  
 Output power(kW)/ speed r/min:3.3/3600  
 power:5.5Hp  
 productivity (hm 2/h) : 0.091~0.19



### Rice Sheller

#### BRS0701

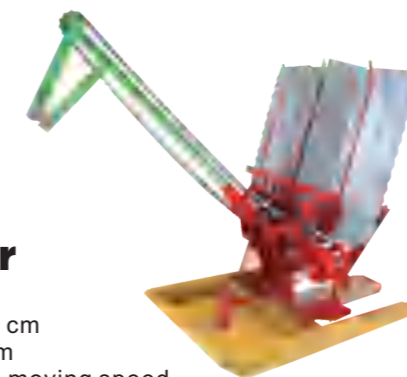
170 Engine  
 Power (kw) : 7hp  
 Volt: 220V  
 Weight: 58kg  
 Capacity:200-300Kg/H



### Rice sowing machine



### Rice planter for seedling tray



### Rice planter

BC-A069  
 Seedling length : 15-35 cm  
 Planting depth:3-6.5 cm  
 Spacing:Depending on moving speed



### Rice Sheller

#### BRS-60

Engine model : diesel engine  
 Power:5hp  
 Capacity:50-100Kg/H



### Walking Tractor

#### GN201

Engine model:2200R/MIN  
 Rated output: 14.7KW  
 Weight: 380KGS  
 Wheelbase: 570,1090mm  
 Min groud clearance: 210mm  
 Overall dimensions:  
 2950X1300X1240MM  
 Tyre size:6-12



### Walking Tractor GN281

Engine model:SF28M-2  
 Rated output: 20KW  
 Weight: 555KGS  
 Wheelbase: 570,810mm  
 Min groud clearance: 210mm  
 Overall dimensions:  
 3100X1380X1440MM  
 Tyre size:6-12



**Rice Mill**  
**BRM0301**

Power:2.2KW  
 Volt:220 V  
 Weight:28 kg  
 Capacity:100-150Kg/H



**Rice Mill**  
**BRM-S750**

Engine model : diesel engine  
 Power: 7.5KW  
 Spindle speed: 2800r/min  
 Weight: 95 KG  
 Capacity: 400-500Kg/H



**2 in 1 Combined rice mill**

Power:2.2KW  
 Volt:220 V  
 Capacity:≤150Kg/H



**3 in 1 Combined rice mill**

Combined rice mill  
 Impurity separator  
 Broken rice separator



**3 in 1 Combined rice mill**

Combined rice mill  
 Impurity separator  
 Broken rice separator



**Grain wind separator**

Motor Power:1.5KW  
 Capacity:600-1000KG/H



**Screening Machine**

Engine model:diesel engine  
 Power:8 hp  
 Capacity:1000KG/H



**2 in 1 Combined rice mill**

Power:2.2KW  
 Volt:220 V  
 Capacity:≤150Kg/H



**Corn Peeling Machine**

**BPM-N12**

Motor Power:15KW 50HZ  
 Capacity:500-800Kg/H



**Stoner**  
**BST50A**

Engine model : diesel engine  
 Power:1.5KW/8HP  
 Capacity:1500-2000Kg/H



**Grinder**

model : 360  
 Power: 11-15KW / 15-20Hp  
 Capacity:1200~1700kg /hour  
 3 phase 4 level 380V/11KW 50HZ  
 all copper wire motor



**Manual Maize Sheller**



**Maize Sheller**

**BMS-1520**  
 Single barrel  
 Engine model: motor  
 220V ,1.1KW  
 Capacity:1000-1500Kg/H



**Maize Sheller**

**BMS-3000**  
 double barrel  
 Engine model: motor  
 220V ,2.2KW  
 Capacity:2000-3000Kg/H



**Maize Sheller**

**BMS-3000D**  
 Engine model: 168 diesel engine  
 Capacity:2500-3000Kg/H



**Maize Sheller**

**BMS-450**  
 Engine model : diesel engine  
 Power (kw) :8Hp  
 Weight:52kg  
 Capacity:1-2T/H



**Maize Sheller**

**BMS-850**  
 Power:15hp  
 Weight:120kg  
 Capacity:4-6T/H



**Grinder**

Model:23D  
 Engine model:diesel engine  
 Capacity:≥200kg/h  
 Corn, sorghum, rice, wheat,  
 soybean pepper  
 and other crushing



**Grinder**

Model:23  
 Motor Power:2.6 kw  
 Capacity:≥200kg/h  
 Corn, sorghum, rice, wheat,  
 soybean pepper  
 and other crushing



**Grinder**

model : 250  
 Capacity:250~350kg /hour  
 2 stage 2 phase 220V/2.2KW  
 size:92X40X40cm



**Feed Mixer**  
**BFM100**

Power:3KW  
 Capacity:100Kg/bucket  
 Dimension:74X53X120CM



**Pellet Machine**  
**BFM-120B**

Power: 3KW 220V 50hz  
 Capacity:60-90KG/H  
 Size:80X35X74CM



**corn**  
**Peeling Machine**  
**BPM-25**

Engine model:diesel engine  
 Power:8 hp  
 Capacity:1500-2000KG/H



**Soya Sheller**  
**BSS-90**  
 Engine model: diesel engine  
 Power:15Hp  
 Capacity:400-600Kg/H



**Soya Sheller**  
**BSS-60**  
 Engine model: diesel engine  
 Power:5hp  
 Capacity:50-100Kg/H



**Groundnut sheller**  
**BGS-1001**  
 Power:7.5KW/10Hp  
 Weight:600 kg  
 Capacity:300-500Kg/H



**Groundnuts plucker**  
**BPP1201**  
 Power: 10.6KW/12Hp  
 Capacity:500~1000kg /hour



**Groundnut sheller**  
**BGS-2040**  
 Power:3KW/10Hp  
 Capacity:200-400Kg/H



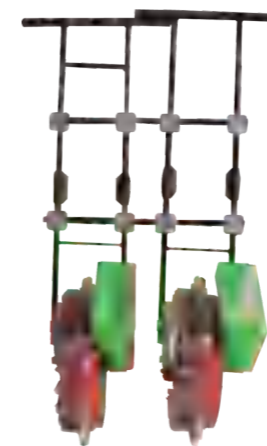
**Groundnut sheller**  
**BGS-5080**  
 Engine model: diesel engine  
 Power:8Hp  
 Capacity:500-800Kg/H



**Manual Planter**

**BPS-A048**

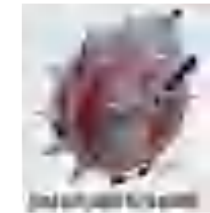
Mouth number:7,6,5 mouths adjustable  
 Spacing: 20-33cm  
 Suitable seed:corn,soybean,peanut,chickpea,cotton,etc  
 Suitable fertilizer: Power or solid fertilizer  
 Hole seeding rate:1-2 seeds  
 Capacity:Seeds 2-3kgs, Fertilizer 2-3.5kgs  
 G.W/N.W: 12.3 / 11.0Kgs  
 Packing:56\*34\*58cm, 1pc/ctn



**Manual Planter**

**BPS-A050**

Mouth number:16+12 mouths adjustable  
 Spacing:8-10cm



16 mouths adjustable



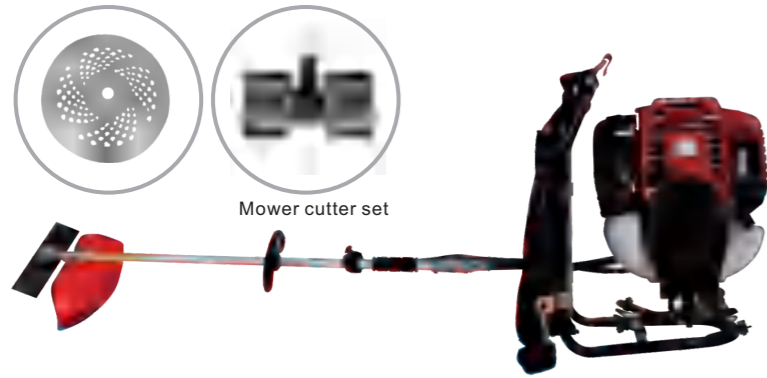
12 mouths adjustable



**Planter**  
**BPS-2JM-2**



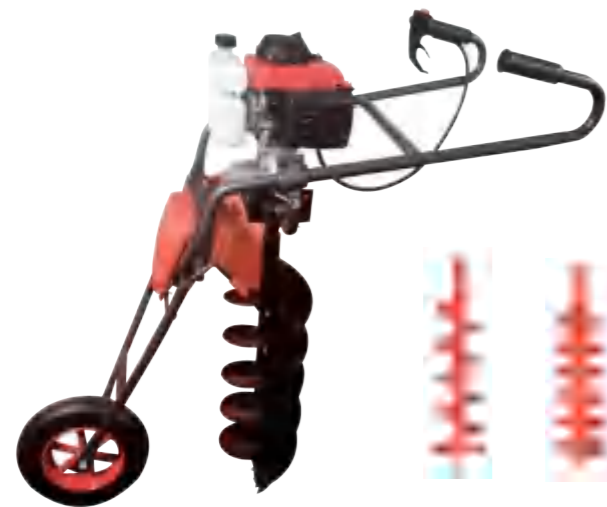
**Planter**  
**BPS-2BM-4**



### Weeding Machine

**BWM1351**  
 Displacement : 37.7cc  
 Engine power: 1.0kw  
 Carry type: back-pack

### Hole Drilling Machine



#### BCQ001-5

Engine model: 145F  
 Displacement: 63cc  
 Rated output power: 2.0kw  
 Engine type: four-stroke  
 Ignition system: CDI  
 Fuel/Oil mixture ratio: 92#  
 Fuel tank capacity: 1.3L  
 Starting mode: Recoil Starting  
 Clutch system: Automatic centrifugal  
 Max engine speed: 9200±200 r/min  
 Driving mode: Gear drive  
 Driller diameter: 100/150/200/250/300mm  
 Drill length: 80cm/1m  
 Idling speed: 3200±200 r/min  
 Carburetor Diaphragm  
 Drive ratio: 30:1



### Chaff Cutter

#### BCC-460

Power: 7.5HP Gasoline  
 Capacity: 400-600kg/h  
 Weight: 88kg  
 Packing Size:  
 1180\*1090\*1040mm  
 QTY of screen: 4

#### BCC-460B

Power: 3KW motor  
 Capacity: 400-600kg/h  
 Weight: 95kg

## Gasoline chipper shredder Multifunctional wood crusher

### BWC0701



Chipping Capacity: 50mm  
 Blade Speed: 2850rpm  
 Engine Type: OHV 4-stroke 170F  
 Starting System: Recoil  
 Displacement: 212cc  
 Max. Output: 7HP/3600rpm  
 Engine Speed: 3600rpm  
 Fuel Volume: 3.6L  
 Oil Volume: 0.6L  
 Fuel Type: Unleaded Gasoline  
 Productivity: 500~600Kg/h

Packing: 1PC/Box  
 G.W./N.W.: 100/85KGS  
 Meas.: 110\*41\*75CM

## Diesel chipper shredder The thickness of a grinding machine

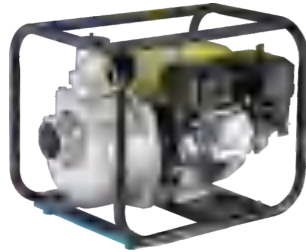
### BWC1501



Chipping Capacity: 100mm  
 Blade Speed: 2800rpm  
 Engine Type: Diesel Engine 188F  
 Starting System: Electric start  
 Displacement: 499cc  
 Max Output: 13HP/3600rpm  
 Fuel Tank Capacity: 5.5L  
 Oil Capacity: 1.1L  
 Fuel Type: 0# & -10 Diesel  
 Productivity: 1500~2000Kg/h

Packing: 1PC/Box  
 G.W./N.W.: 180/160KGS  
 Meas.: 115\*55\*75CM





**Water Pump**  
**BWP0701**  
 specifications : 3inch  
 power : 7hp



**Water Pump**  
**BWP0702**  
 specifications : 4inch  
 power : 7hp



**Water Pump**  
**BWP1001**  
 186F diesel engine  
 specifications : 4inch  
 power : 10hp



**Input Pipe For  
 Water Pump**



**Output Pipe For  
 Water Pump**



**Sprinkler Gun**



**Spray Machine**  
**BSM-300L**  
 170 Engine



**Knapsack Sprayer Series**

**BC-768**  
 Capacity: 25L  
 Pressure: 0.25-0.3Mpa  
 Power: G35 Gasoline engine  
 Dimension :390x350x645mm



**Spray Machine**  
**BSM-60L-1**  
 170 Engine



**Spray Machine**  
**BSM-60L-2**  
 Lithium electricity

## Self-propelled Rubber Track Combine Harvester



**Model**  
 Feeding Capacity (KG/s) : 6  
 Weight (KGS): 3400

**Main Standard Configuration**  
 Working Dimension L\*W\*H (mm) : 5150\*2620\*3030  
 Ground Clearance(mm): 360  
 Travelling Speed(km/h): 0.25-6.5  
 Work Efficiency (hm<sup>2</sup>/h): 0.5-0.9

**Diesel Engine**  
 Model: Changchai 4G33TC  
 Type: Vertical, Water-cooling, 4\*4 strokes Direct Inject  
 Rated Power/Rotating Speed: 102HP/2600rpm  
 Fuel Consumption(kg/hm<sup>2</sup>) : 15-30  
 Fuel Capacity (L): 160

**Gear Box & HST**  
 Gear Box : 85 type hydraulic Gear Box  
 HST : 45CC

**Rubber Track**  
 Size (mm):550mm\*56\*90 mm  
 Average Contact Pressure(kpa[kgf]/cm<sup>2</sup>): ≤20Kpa

**Header Platform & Conveyor Trough**  
 Cut Width: 2200mm  
 Adjust means of Reel Bat: Constant speed by hydraulic control

**Thresher & Separating Unit**  
 Threshing Type: Axial Flow, Beat Bar  
 Thresher Rotor: φ 620\*2010  
 Air Blow: Eccentric Fan, 3 Blow Forces

**Grain Tank**  
 Augers: Seed Augers, Impurity Augers, Unload Augers  
 Grain Tank:1.7m<sup>3</sup>  
 Grain Unloading : Auto Grain Unloading 360Degrees

**Others**  
 Cabin/Sun-roof: Sun-roof  
 AC/Fan: Fan  
 Alarms: Water Temperature, Battery, Oil, Grain Tank, Jam of 2# Auger  
 Crops : Rice ,Wheat ,corn, soybean

## BTB504 50HP



Model		BTB504	
Type		4x4 Wheeled Type	
Dimensions of Tractor (mm)	Length	3700	
	Width	1615	
	Height	2130	
	Tread	Front Wheel	1250
		Rear Wheel	1200,1300(usual),1400
	Wheel Base	2010	
Min. Ground Base	325(the bottom of steering horizontal pulling rod)		
Min. Usage Mass(kg)		2160	
Engine	Model	XINCHAI	
	Type	Vertical, water cooled and 4-stroke	
	Rated Power(kw)	36.8	
	Rated Rev.(r/min)	2300	
Fuel	Diesel Oil		
	Front Wheel	8.3-20	
Rear Wheel	12.4-28		
Clutch		dry-friction, single disc and two stage	
Steering		Hydraulic type	
Transmission Box		two shafts, 4x(2+1)composed	
Suspension Type		Post Positioned Tri-point Suspension Catalogue I	
PTO	Type and Rev.(r/min)	Post-position, half-independent,540/1000	
	Spline Size	138 Rectangle Spline with 8 teeth	

Structure and specification are subject to change without notice.



BTY504-2  
Disc plough



BTY504-4  
Disc harrow



BTY504-5  
Ridger

## BTB804 80HP



Model		BTA804	
Type		4x4 Wheeled Type	
Dimensions of Tractor (mm)	Length	4260	
	Width	1900	
	Height	2690	
	Tread	Front Wheel	1450
		Rear Wheel	1365.1396.1510(usual),1652.1765.1796
	Wheel Base	2285	
Min. Ground Base	360(the bottom of front axle)		
Min. Usage Mass(kg)		3100	
Engine	Model	XINCHAI	
	Type	Vertical, water cooled and 4-stroke	
	Rated Power(kw)	58.8	
	Rated Rev.(r/min)	2200	
Fuel	Diesel Oil		
	Front Wheel	8.3-24	
Rear Wheel	14.9-30		
Clutch		dry-friction, single disc and dual-stage	
Steering		Hydraulic type	
Transmission Box		IZ planetary deceleration composition type	
Suspension Type		Rear mounted,3-point linkage,Category I	
PTO	Type and Rev.(r/min)	Rear mounted, semi-independent,540/1000	
	Spline Size	138 Rectangle Spline with 8 teeth	

Structure and specification are subject to change without notice.



BTY804-2  
Disc plough



BTY804-4  
Disc harrow



BTY804-5  
Ridger

## For 50HP Tractors



**Disc Plough**  
BC-1LY-325(HR)



**Ridger**  
BC-3Z-140(HR)



**Disc Harrow**  
BC-1BJX-1.70 (HR)



**Disc Harrow**  
BC-1BJX-2.0 (PR)

## For 80HP Tractors



**Disc Plough**  
BC-1LY-425(HR)



**Ridger**

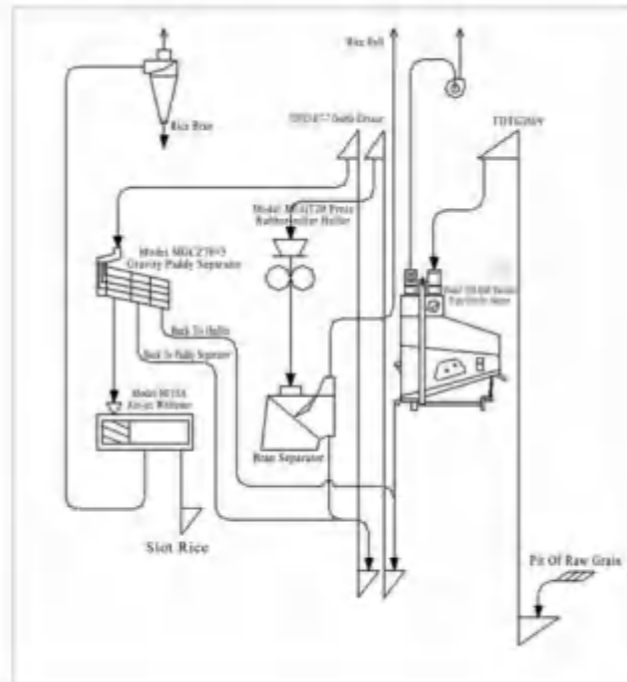


**Disc Harrow**  
BC-1BJX-2.2 (HR)



**Heavy Harrow**  
BC-1BZ-2.2(PR)

### 15 Complete Set Rice Mill



※ **Features:**

- ◆ This series complete set rice mill is developed by our company, and it is the most ideal machine, which can produce high quality rice, high rate of production, good quality of rice, steady equipment-quality
- ◆ This series machine has some characteristics, such as compact structure, steady performance, durability, simple installation, lower energy consumption, convenient operation and maintenance, etc. It's the ideal complete set rice mill at present
- ◆ It can be added a crushing hammer system

※ **Technical parameter:**

Model & Specification	Capacity (t/d)	Cleaner & De-stoner	Husker	Paddy Separator	Whitener	Power (kw)	External Dimension (mm)
MLN15/15	15	TQLQ60	MLGT15	MGCZ70x5	Nf15	21	2700x2000x3500

## TON/DAY EDIBLE OIL REFINING EQUIPMENT PRODUCTION LINE



Multi-stage Flaking Roll → Elevator Vertical → Flame type machine for heating → Elevator Inclined → Oil Press → Centrifugal → Oil Refining Machine

- 1) The factory covers an area of about 50 square meters with a height of more than 3.2 meters.
- 2) Power 35KW

### 50TPD Peanut Making Oil & 15TPD Refining Equipment

#### 5.1 Oilseeds Pretreatment And Pressing Project 油料预处理榨油项目



5.4 Oil Refining Project 油精炼项目



Automatic Oil Quantify Filling Line





**Meat Grinder**

YC-12

Power:0.75KW  
 Volt:220 V  
 Capacity:80-100Kg/H



Power:850W  
 voltage: 220V  
 Weight:37kg

**The Bone Saw Machine**



**Sugarcane Cutter**



**Cane Juicer**  
hand



**Cane Juicer**

Motor Power: 750w  
 voltage: 220V  
 revolution: 25r/min  
 Capacity: 300kg/h  
 weight: 58KG  
 size: 480\*420\*935



**Peanuts Butter Machine**

BPB-100A  
 Power:1.1KW  
 Volt:220 V  
 Capacity:15Kg/H  
 Weight:23 kg



**Pulverizer**

Power:1.1KW  
 Volt:220 V



**Solar power system**

Configuration:  
 Solar Panel:3W/9V  
 Battery:4AH/6V  
 Output:DC 6V  
 USB Output:400mA/5V

Accessoris:  
 3W LED Lamp: X 2pcs  
 USB Adapter: 1X10Pcs  
 Packaging size: 240x181x95mm



**Semi Auto Corn Harvester**



30W

**LED rechargeable lights**



**Incubator**



**tricycle**

Bucket size: 1000X650X260MM  
 Load: 200KG  
 Front wheel specification: 24 inches  
 Rear wheel specification: 26 inches



**Agri tricar**

Overall diemention: 4400x1500x1690  
 Cargo body diemention: 2500x1500x400  
 Loading capacity: 3 tons  
 Fuel: diesel  
 Output : 22hp/14.7kw