

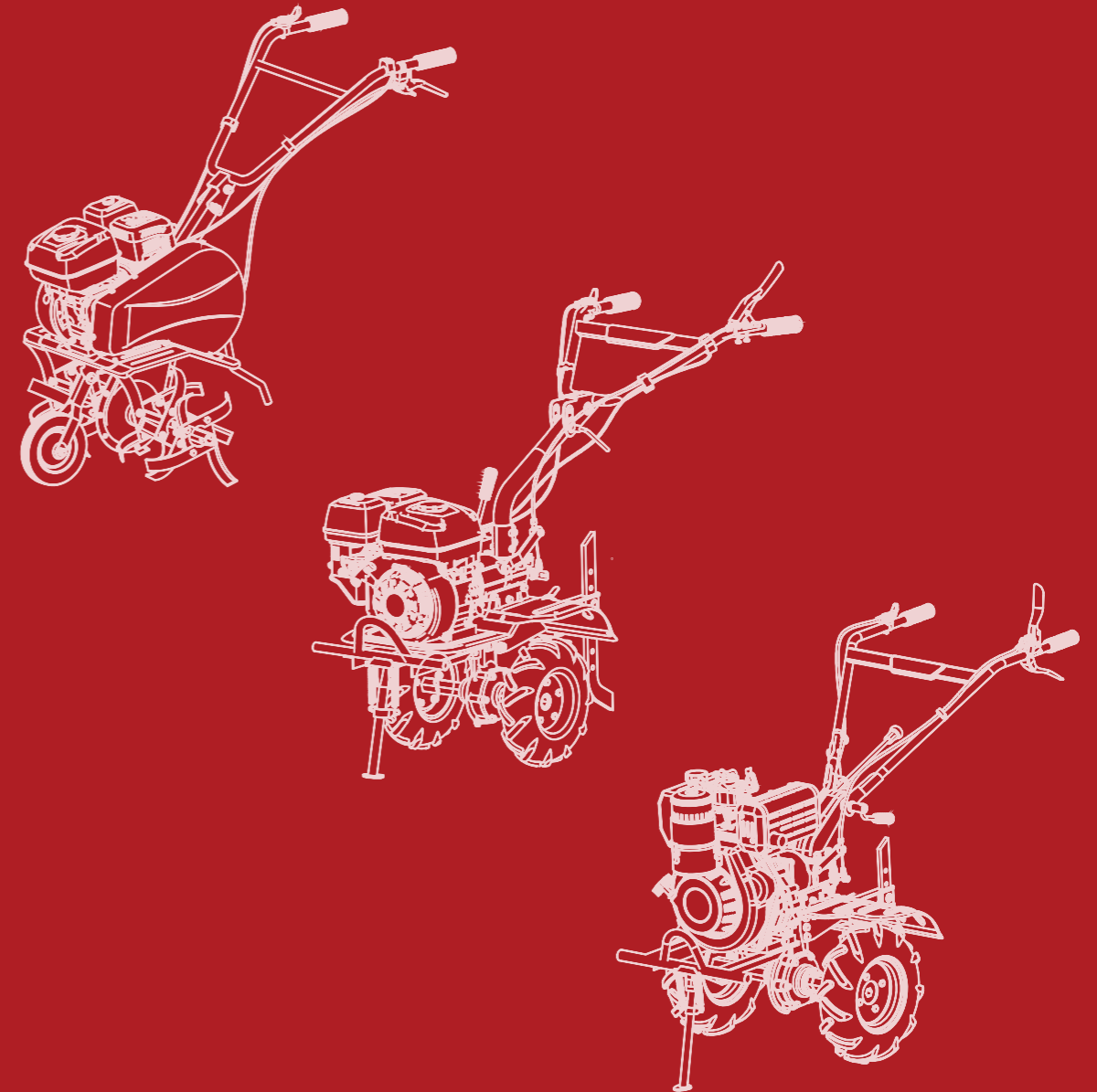
TAIZHOU BISON MACHINERY CO.,LTD.

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MACHINERY

PRODUCTS ALBUM

MULTIFUNCTIONAL AGRICULTURAL MACHINE



ABOUT US

TAIZHOU BISON MACHINERY INDUSTRY CO.,LTD

Bison is one of the Chinese leading manufacturers of Cultivators, Water Pumps and Generators. BISON brand has won its reputation among the areas like South America, Europe, Africa, Southeast Asia, by supplying qualified products and professional services.

Bison power believe that quantity comes from being well-equipped, profit comes from being well-managed, successful marketing comes from being well-researched, and successful branding comes from cooperation. "Devoted to quality and service for survival" is a consistent tenet of Bison Power. Our goal is to promptly provide products that meet and exceed customers' expectations. BISON power will become a well-known brand of small household machinery in the world.

2015

THE COMPANY WAS ESTABLISHED IN 2015

450,000,000

450 MILLION IN 2022

15,000M²

IN 2019, THE PRODUCTION WORKSHOP WAS EXPANDED TO MORE THAN 15,000M² SQUARE METERS



QUALIFICATION CERTIFICATE



We are approved by ISO9001, ISO14001 and have got the certificates for CE, Rohs 2.0, Euro V, EPA 3, GS ...

International Sales Channel



Shineray products and service have expands to more than 80 countries.

R&D AND QUALITY CONTROL

- **R&D:**
Independent R&D institute and laboratory.
- **Quality Control:**
Complete and valid quality control by ISO9001 and ISO14001.





GASOLINE

Model:	BS800FG-A
Engine type	170F
Rated RPM(r/min)	3600
Rated output(kW)	4.0
Dimension(L*W*H)(mm)	840*460*660
Transmission type	Chain Transmission
Clutch type	belt tension clutch
Gears	-1 / 1
Output shaft	23mm
Output speed(r/min)	Forwarder speed : 170 / Reverse speed : 57
Net weight(kg)	58
Tillage width(mm)	800
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40

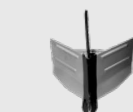
Optional configuration



Trimming Wheel



Furrow opener



Adjustable furrow opener



Digger

Model BS800FG-A

Gears: -1 / 1

Rated RPM: 3600rpm

STANDARD CONFIGURATION



3-4 Blade



Front wheel




Model BS950FG-B


Gears: -1 / 0 / 1 / 2
 Rated RPM: 3600rpm



STANDARD CONFIGURATION




3-4 Blade




3.50-6/4.00-8 Tire


Optional configuration




Trimming Wheel




Furrow Plough




Ditcher



Potato Plow



Unilateral Plow



Herringbone Crawling Iron Wheel

GASOLINE

Model:	BS1000FG-C
Engine type	170F
Rated RPM(r/min)	3600
Rated output(kW)	4.0
Dimension(L*W*H)(mm)	845*460*660
Transmission type	Belt+Chain rotation
Gears	1 / 2 / 0 / -1
Output shaft	23mm
Output speed(r/min)	Low Speed:83 High Speed:145
Net weight(kg)	70
Tillage width(mm)	1000
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤30
Container Capacity	40

Optional configuration



Trimming Wheel



Ditcher



Unilateral Plow



Furrow Plough



Potato Plow



Herringbone Crawling Iron Wheel

GASOLINE


Model:	BS950FG-B1	BS950FG-B2
Box material	Alumimum Box(tension)	Iron Cast Box(tension)
Chain Number	50	52
Engine type	170F	170F
Rated RPM(r/min)	3600	3600
Rated output(kW)	4	4
Dimension(L*W*H)(mm)	840*460*660	840*460*660
Transmission type	Chain Transmissioin	Chain Transmissioin
Clutch type	Belt tension clutch	Belt tension clutch
Gears	-1 / 0 / 1 / 2	-1 / 0 / 1 / 2
Output shaft	23mm	23mm
Output speed(r/min)	Low Speed : 103 High Speed : 141	
Net weight(kg)	53	77
Tillage width(mm)	950	950
Tillage depth(mm)	≥100	≥100
Working speed(m/s)	0.1-0.3	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04	≥0.04
Fuel consumption(kg/hm ²)	≤35	≤35
Container Capacity	40	40

Model BS1000FG-C


Gears: 1 / 2 / 0 / -1
 Rated RPM: 3600rpm



STANDARD CONFIGURATION



3-4 Blade



3.50-6 Tire



Optional configuration



Trimming Wheel



Ditcher



Unilateral Plow



Furrow Plow



Potato Plow



Herringbone Crawling Iron Wheel



Weeding Wheel



Trailer

GASOLINE

Model:	BS1000FG
Engine type	170F
Rated RPM(r/min)	3600
Rated output(kW)	4
Dimension(L*W*H)(mm)	840*460*660
Transmission type	Gear Transmission
Clutch type	Wet friction disc clutch
Gears	-1 / 0 / 1 / 2
Output shaft	23mm
Output speed(r/min)	Low Speed :83 High speed :127
Net weight(kg)	79
Tillage width(mm)	1000
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40

Model **BS1000FG**

Gears: -1 / 0 / 1 / 2
 Rated RPM: 3600rpm

STANDARD CONFIGURATION



3-4 Blade



4.00-8 Tire



GASOLINE

Model:	BS1050FG
Engine type	177F
Rated RPM(r/min)	3600
Rated output(kW)	4.5
Dimension(L*W*H)(mm)	970*565*845
Transmission type	Gear Transmission
Clutch type	Friction Plate Clutch
Gears	-1 / 0 / 1 / 2
Output shaft	23mm
Output speed(r/min)	Low Speed : 83 High speed : 145
Net weight(kg)	110
Tillage width(mm)	1050
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40



Model BS1050FG

Gears: -1 / 0 / 1 / 2
Rated RPM: 3600rpm

STANDARD CONFIGURATION



4-4 Blade



4.00-8 Tire

Optional configuration



Trimming Wheel



Furrow Plough



Ditcher



Potato Plow



Unilateral Plow



Herringbone Crawling Iron Wheel

Model BS1350FG

Gears: -1 / 0 / 1 / 2
Rated RPM: 3600rpm

STANDARD CONFIGURATION



4-(4+1) Blade



4.00-8 Tire



GASOLINE

Model:	BS1350FG
Engine type	188F
Rated RPM(r/min)	3600
Rated output(kW)	6.5
Dimension(L*W*H)(mm)	970*565*845
Transmission type	Gear Transmission
Clutch type	Wet friction disc clutch
Gears	-1 / 0 / 1 / 2
Output shaft	32mm
Output speed(r/min)	Low Speed : 83 High speed : 145
Net weight(kg)	110
Tillage width(mm)	1350
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40

Optional configuration



Trimming Wheel



Ditcher



Unilateral Plow



Furrow Plough



Potato Plow



Herringbone Crawling Iron Wheel

Model BS1100FD

Gears: -1 / 0 / 1 / 2
 Rated RPM: 3600rpm



STANDARD CONFIGURATION



3-4 | 4-4 | 4-5 Blade



4.00-8 Tire

Optional configuration



Trimming Wheel



Furrow Plough



Ditcher



Potato Plow



Unilateral Plow



Herringbone Crawling Iron Wheel



Weeding Wheel



Trailer

New Design

Model BS1350FD-FS

Gears: -1 / 0 / 1 / 2
 Rated RPM: 3600rpm



DEISEL

Model:	BS1000FD	BS1100FD	BS1350FD
Engine type	173F	178F	186FA
Rated RPM(r/min)	3600	3600	3600
Rated output(kW)	4.05	4.0	6.5
Dimension(L*W*H)(mm)	840*460*660	970*565*845	970*565*845
Transmission type	Gear Transmission	Gear Transmission	Gear Transmission
Clutch type	Friction Plate Clutch	Friction Plate Clutch	Friction Plate Clutch
Gears	-1 / 0 / 1 / 2	-1 / 0 / 1 / 2	-1 / 0 / 1 / 2
Output shaft	23mm	32mm	32mm
Output speed(r/min)	Low Speed:93 High Speed:130	Low Speed:83 High speed:145	
Net weight(kg)	98	109	122
Tillage width(mm)	1000	1100	1350
Tillage depth(mm)	≥100	≥100	≥100
Working speed(m/s)	0.1-0.3	0.1-0.3	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04	≥0.04	≥0.04
Fuel consumption(kg/hm ²)	≤30	≤30	≤30
Container Capacity 40	264	144	144

AGRICULTURAL MACHINERY

1. Lightweight and compact, easy to operate and transport.
2. Adjustable fender, suitable for narrow spacing work.
3. Small size, 420 sets loading number, saving transportation costs.



GASOLINE

Model: BS450FG

Engine type	BV175J
Rated RPM(r/min)	3600
Rated output(kW)	3.1
Dimension(L*W*H)(mm)	550×430×660
Transmission type	Gear Transmission
Clutch type	Hoop Friction clutch
Gears	1
Output shaft	18mm
Output speed(r/min)	216
Net weight(kg)	29
Tillage width(mm)	350/550
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	420

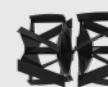
Optional configuration



3.50-6/4.00-8 Tire



Ditcher



Weeding Wheel



Paddy Field Wheel

Model BS450FG

Gears: 1
Rated RPM: 3600rpm

STANDARD CONFIGURATION

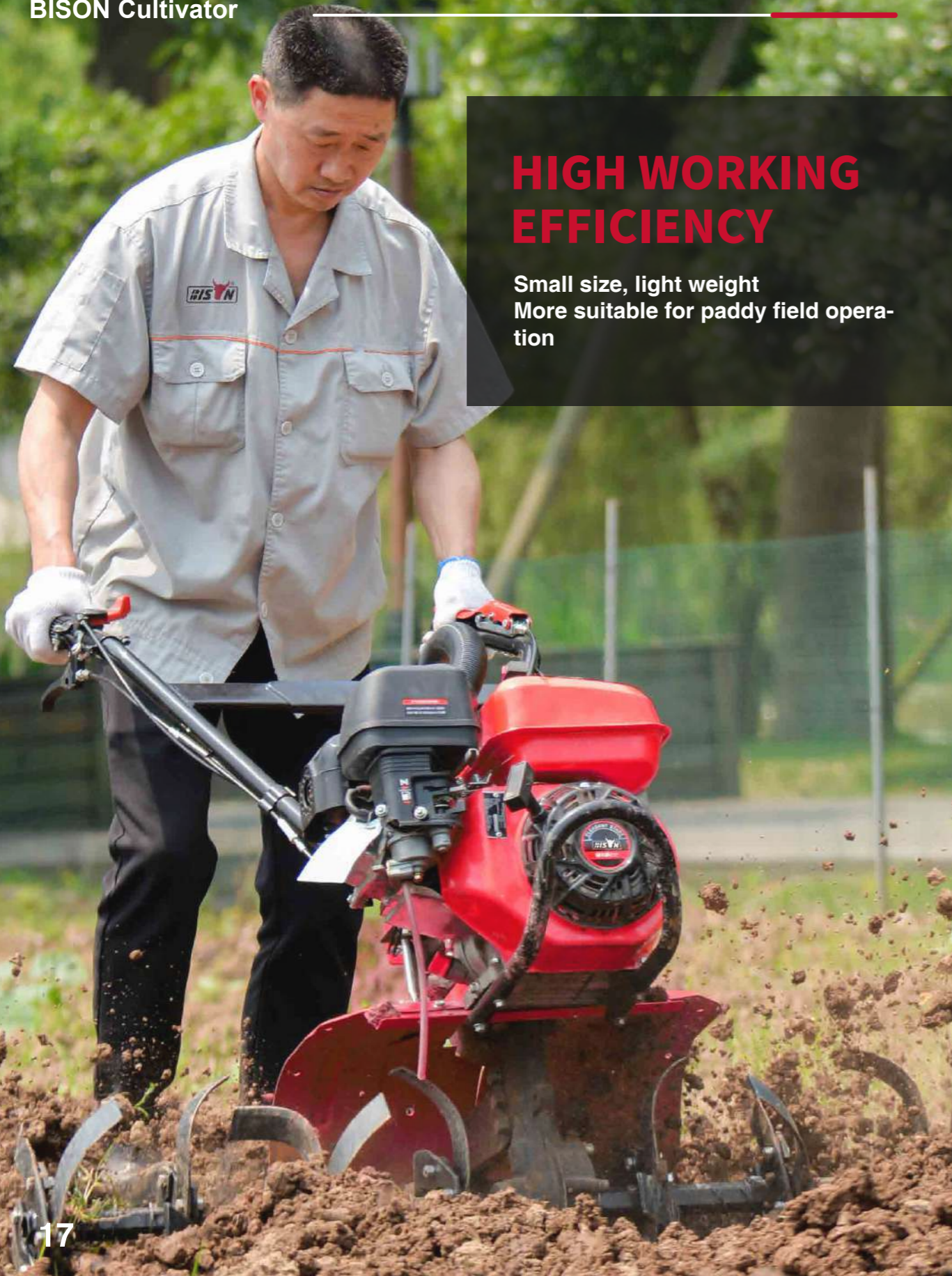


3-4 Blade



Rear-wheel





HIGH WORKING EFFICIENCY

Small size, light weight
More suitable for paddy field operation

GASOLINE

Model:	BS950FG
Engine type	170F
Rated RPM(r/min)	3600
Rated output(kW)	4
Dimension(L*W*H)(mm)	840*460*660
Transmission type	Gear Transmission
Clutch type	Wet friction disc clutch
Gear shifting	-1 / 0 / 1 / 2
Output shaft	23mm
Output speed(r/min)	Low Speed: 100 High speed: 150 Reverse speed: 60
Net weight(kg)	40
Tillage width(mm)	800
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40

Optional configuration



Trimming Wheel



Ditcher



Unilateral Plow



Adjustable furrow opener



Potato Plow



Herringbone Crawling Iron Wheel



Weeding Wheel



Trailer

Model BS950FG

Gears: -1 / 0 / 1 / 2

Rated RPM: 3600rpm

STANDARD CONFIGURATION



3-4 Blade



3.50-4.00 Tire



PUMP QUICK CONNECTOR

Pump quick connector, quick installation, solve your water troubles.



Model BS1350FD

Gears: -1 / 0 / 2 / 0 / 1

Rated RPM: 3600rpm



STANDARD CONFIGURATION



5-4 Blade



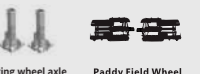
4.00-8 Tire

DEISEL

Model: BS1350FD

Engine type	186FA
Rated RPM(r/min)	3600
Rated output(kW)	6.3
Dimention(L*W*H)(mm)	970*565*845
Transmissioin type	Wet friction disc clutch
Clutch type	Gear Transmission
Gears	-1 / 0 / 2 / 0 / 1
Output shaft	32mm
Output speed(r/min)	71 / 0 / 141 / 0 / 100
Net weight(kg)	140
Tillage width(mm)	1350
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(h m ³ / h.m)	≥0.04
Fuel consumption(kg/h m ³)	≤35
Container Capacity 40	138

Optional configuration





NO TOOL DISASSEMBLY DESIGN

No tool disassembly design,
free hand disassembly fender.
Reverse gear anti-error design,
more safe and reliable.

Optional configuration



Herringbone Crawling
Iron Wheel



12kg weight
balance block

STANDARD CONFIGURATION



4-4 Blade



3.50-6/4.00-8 Tire

GASOLINE

Model:	BS580FG
Engine type	170F
Rated RPM(r/min)	3600
Rated output(kW)	4
Dimension(L*W*H)(mm)	1170*570*440
Transmission type	Gear Transmission
Clutch type	Normally Open Friction Plate Clutch
Gears	Farming gear:0 / 1 Walking gear: -1 / 0 / 1
Output shaft	23mm
Output speed(r/min)	Farming Speed:229 Walking speed(Fwd/Rev):23
Net weight(kg)	86
Tillage width(mm)	580
Tillage depth(mm)	≥100
Working speed(m/s)	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04
Fuel consumption(kg/hm ²)	≤35
Container Capacity	40

Model **BS580FG**







Gears: Farming : 0 / 1
Walking : -1 / 0 / 1
Rated RPM: 3600rpm



**MAKE THE LIFE
MORE SIMPLY
MAKE THE FARMING
MORE EFFICIENT**




DEISEL		
Model:	BS1050FD-KM	BS1350FD-KM
Engine type	173F	186F
Rated RPM(r/min)	3600	3600
Rated output(kW)	4	6.5
Dimension(L*W*H)(mm)	840*460*660	970*565*845
Transmissioin type	Gear Transmissioin	Gear Transmissioin
Clutch type	Wet friction disc clutch	Wet friction disc clutch
Gears	-1 / 0 / 1 / 2	-1 / 0 / 1 / 2
Output shaft	23mm	32mm
Output speed(r/min)	Low Speed:93.3 High speed:130	Low Speed:93 High speed:145
Net weight(kg)	98	122
Tillage width(mm)	1000	1350
Tillage depth(mm)	≥100	≥100
Working speed(m/s)	0.1-0.3	0.1-0.3
Working efficiency(hm ² /h.m)	≥0.04	≥0.04
Fuel consumption(kg/hm ²)	≤30	≤30
Container Capacity 40	225	138

- Optional configuration
-  Trimming Wheel
 -  Ditcher
 -  Unilateral Plow
 -  Furrow Plough
 -  Potato Plow
 -  Herringbone Crawling Iron Wheel


Model BS1050FD-KM

Gears: -1 / 0 / 1 / 2
Rated RPM: 3600rpm

STANDARD CONFIGURATION



4-4 Blade



3.50-6/4.00-8 Tire

