

BENSON

AGRO ENGINEERING

यांत्रिक शेती - काळाची गरज

Mechanised Farming - Need of the Hour

Product Catalogue

Government Subsidy Approved & FMTTI Tested



Introduction

We “Benson Agro Engineering” MIDC Satpur, Nashik based organization are involved in the manufacturing of high-quality Garden & Agriculture Equipments. The product range consists of Lawn Mowers, Power Weeders, Electric Shredder and many more. We manufacture all kinds of products for garden maintenance in compliance with Quality standards. Being a quality conscious firm, we ensure that all our products are made of high-quality raw material bought from certified and trustworthy vendors. All our products are sturdy, have low maintenance, give high performance and are available at market competitive prices.

Under the able and efficient guidance of our mentor, “Mr. B. N. Sonawane”, who started this unit, we have established a strong foothold in the market. His in-depth knowledge, sound strategies, and transparent business policies have enabled us to master a huge clientele across the nationwide market.

To take care of shortages of labours and need of farm mechanization, we have developed following innovative machines

- Electrical & Engine Powered Rotary Lawn Mower.
- Benson Seed Cum Fertilizer Drill
- Electric Shredder
- Dinesh Power Weeder/Cultivator
- Benson Hand Hoe
- Winnowing Fan
- Serrated Sickle & Khurpi
- Benson Thresher with Winnowing Fan
- Reaper Harvester
- Sugarcane Weeder
- Mini Combine Harvester
- Light Weight Power Weeder 5,7 & 9 HP Petrol/ Diesel

These machines are designed after meticulous research and have undergone rigorous testing. Our products have also been tested and certified by Agricultural Universities in Maharashtra and Testing Institutes of Central Government.





5.5HP Petrol Chain & Belt/Gear Drive Centre Rotary Power Weeder

Specifications

Engine Model	MT-625PB Gasoline
HP	5.5HP Petrol Engine
Type	4 Stroke - Single Cylinder
Starting Method	Recoil Starter
Gear Box	Heavy Duty Chain & Sprocket
Tilling Width	Width : 900mm
No. of Tines	4 Pcs. 3 Group Dry Land Bled
Speed	2 Forward Speed, 1 Reverse Speed
Air Filter	Double Oil Bath Filter
Weight	40Kg

Specifications

Engine Model	MT-625PG Gasoline
HP	5.5HP Petrol Engine
Type	4 Stroke - Single Cylinder
Starting Method	Recoil Starter
Gear Box	Heavy Duty Gear Box
Tilling Width	Width : 900mm
No. of Tines	4 Pcs. 3 Group Dry Land Bled
Speed	2 Forward Speed, 1 Reverse Speed
Air Filter	Double Oil Bath Filter
Weight	50Kg

5.5HP Petrol Gear Drive Centre Rotary Power Weeder



9HP/7HP Diesel With Electric Start Centre Rotary Power Weeder



Specifications

Model	MT-1350D Diesel
HP	7HP/9HP Diesel
Type	Center Rotary
Starting Method	Electric Starter
Transmission	Gear Box
Walking Wheels	5.00-12
No. of Tines	4 Pcs. 3 Group Dry Land Bled
Speed	2 Forward Speed, 1 Reverse Speed
Tilling Width	1100mm - 1350mm

Power Weeder - 3.4HP Diesel / 5.5HP Petrol Engine



Specifications

HP	3.4HP Diesel and 5.5HP Petrol Engine
Type	4 Stroke - Single Cylinder
Starting Method	Recoil Starter
Gear Box	Heavy Duty Chain & Sprocket
Tilling Width	Width : 900mm
No. of Tines	4 Pcs. 3 Group Dry Land Bled
Speed	1 Forward Speed
Air Filter	Double Oil Bath Filter
Weight	60Kg

Specifications

Model	Benson MFW-7D
HP	7HP Diesel
Type	4 Stroke - Single Cylinder
Starting Method	Electric Starter
Transmission	Belt / Chain
Wheels	Iron & Tyre Both will be provided
No. of Tines	36 Dry Land Bled & 10 Ditching Bled
Speed	1 Forward Speed, 1 Reverse Speed, High/Low Torque System
Tilling Width	570mm

Multifunctional Weeder 7HP Diesel With Electric Start



Multifunctional Weeder 9HP Petrol Recoil Start

Specifications

Model	Benson MFW-9P
HP	9HP Petrol
Type	4 Stroke - Single Cylinder
Starting Method	Recoil Starter
Transmission	Belt / Chain
Wheels	Iron & Tyre Both will be provided
No. of Tines	36 Dry Land Bled & 10 Ditching Bled



Speed	1 Forward Speed, 1 Reverse Speed, High/Low Torque System
Tilling Width	570mm

Specifications

Engine Model	178F Diesel Engine / 177F Gasoline Engine
HP	7HP/9HP Diesel / 7HP Petrol Engine
Type	4 Stroke - Single Cylinder
Starting Method	Diesel Electric Starter / Petrol Recoil Starter
Gear Box	Heavy Duty Gear Box
Tilling Width	Width : 65cm
No. of Tines	24 Pcs. L Type Bled
Speed	3 Forward Speed, 1 Reverse Speed

Power Weeder-7HP Petrol, 7HP/9HP Diesel Electric Start



Benson Seed Cum Fertilizer Drill (5,7,9,11,17 Tyne)

Specifications

Model	5 Tyne, 7 Tyne, 9 Tyne, 11 Tyne and 17 Tyne
Row to Row Spacing	9" Standard & Adjustable in 1" Ratio
Weight Approx in KG	220Kg
Required Tractor H.P.	15HP-35HP and Above
Working Area	2 Acres per hrs
Suitable for sowing of	Wheat, Ground Nut, Cotton Seed, Castor, Garlic, Maize, Sunflower, Soyabean, All types of Green Cereals & Pulses Seeds



Benson Raised Bed (BBF) Planter (5 Tyne)

Specifications

Model	Benson RBF/BBF 5-Tyne
Row to Row Spacing	8" to 18" Adjustable
Hopper Capacity Approx in Kg	For Seed 30 Kg. For Fertilizer 38 Kg.
Required Tractor H.P.	35HP Onwards
Suitable for Sowing of	Wheat, Ground Nut, Cotton Seed, Castor, Garlic, Maize, Tur, Black Gram, Green Gram, Soya Bean, Sunflower, Mellet etc.



Mulch Paper Laying Machine

Functions

- Formation of raised bed from 2.5 feet to 4 feet width and height as per requirement
- Laying of mulch paper
- Laying of drip line, used or new
- Application of fertilizers
- Making holes on mulch paper as per distance required

Requirements

- 35 hp onward Tractor.
- Fully loosened soil



Thus "Benson Mulch Paper and Drip Line Laying Machine" is multi functional, farmers friendly machine.

Mini Combine Harvester

Specifications

Power	20 HP
Transmission	Mechanical
Fuel Consumption	12-20 Kg/Hm2
Weight	950 Kg
Brake Type	Internal Jaw
Engine ower	14.7 kW
Fan Diameter	250 mm
Fan Type	Centrifugal
Overall Dimension	2590x1330x2010 mm
Speed	2200 RPM
Theratical Operating Speed	1.6 to 2.8 Km/Hr
Useful for Crops	Paddy and Wheat



Reaper - Harvesting Machine 7HP Petrol/Diesel Electric Start Cutting Width 1200mm/900mm

Specifications

Model	4GL-120/4GL-90
Power	7HP Diesel 178F or 7HP Gasoline 177F
Type	Vertical, 4 Stroke
Cooling Method	Air Cooled
Tyre Type	Pneumatic Tubeless Tyre
Starting Method	Electric Start and Hand Pull
Operator	1
Cutting Width	900mm Cutting Width
	1200mm Cutting Width
Total Weight	180Kgs
Crop	Pepper/Paddy/Wheat/Soya/Grass
Size (MM) (LxWxH)	1200*80*750mm



Pedal Operated Paddy Thresher

Specifications

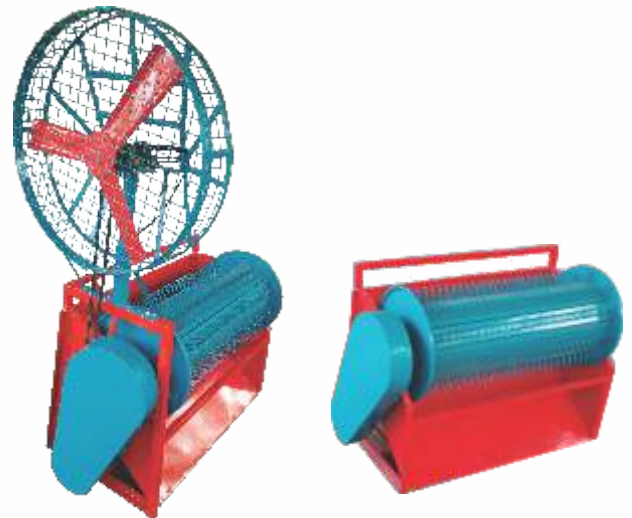
Model	Pedal Operated Paddy Thresher - PTHW
Operating	Manual
Output	100-150 Kg/Hr
Weight	60Kg



Power Operated Paddy Thresher

Specifications

Model	PTH-EL-0.5
Motor	0.5HP / 1HP with Single Phase
Output	250-300 Kg/Hr
Weight	Paddy Thresher 65Kg, Paddy Thresher with Winnowing Fan 80Kg



Engine Paddy Thresher

Specifications

Model	PTH-EN-5.5HP
Motor	5.5HP Petrol Engine
Output	250-300 Kg/Hr
Engine Type	4 Stroke Air Cooling Single Cylinder
Weight	70Kg



Electric Shredder Machine

Specifications

Model	Dinesh EL-300
Motor	2HP Single Phase, 3HP Three Phase, 5HP Three Phase
Output	150 to 200 Kg Per Hour
Weight	40 Kg
Power Consumption	1.5 Unit Per Hour
Electricity Charges	Rs. 7.50*



Electric Lawn Mower

Specifications

Model	EL-500-B with Bag & EL-500 without Bag
Electrical System	2 H.P. Single Phase/3 H.P. Single Phase /3 H.P. Three Phase/5 H.P. Three Phase, Crompton Greaves/Godrej Lawkim, Flange, Mounted, TEFC, Motor
Cable Length	30 Mtrs
Cutting Width	16" (400mm)
Cutting Height	1/2 to 3 1/2" in 6 Step



Specifications

Model	EN-500
Engine	3.4HP Diesel/ 5.5HP Petrol 4 Stroke Air Cooling Engine without Grass Collecting Arrangement
Cutting Width	18"
Cutting Height	1/2 to 3 1/2" in 6 Step





Brush Cutter

Specifications

Model	Benson Brush Cutter - 35CC/52CC
Power	1.25 kW
Automation Grade	Manual
Speed	8000rpm
Displacement	35CC-Side Pack, 52CC - Back Pack & Side Pack
Fuel Tank Capacity	1 ltr
Driven Type	Petrol
Function	Wild Grass Cutting, Brush Cutter



Manual Paddy Transplanter

Specifications

Type	Walking Type
Number of Transplanting Row	2 Row Transplanter
Row Spacing	< 20 cm
Working Efficiency	0.8-1 Acre/hour
Automation Grade	Manual
Weight	18 to 20 Kg



Slurry Tank (500 ltrs,1000 ltrs)

Specifications

Capacity	500 to 1000 L
Color	Yellow
Material	FRP
Height	2 to 5 Feet

Laxmi Sickle and Vaibhav Sickle



Specifications

Model	Laxmi Sickle and Vaibhav Sickle
Usage/Application	Paddy, Grass Harvesting
Blade Material	Mild Steel and High Carbon Steel
Handle Material	Wooden
Size	200X75
Stem Height	2 to 4cms

Khurpee



Specifications

Usage/Application	Weeding
Blade Material	Mild Steel
Handle Material	Wooden
Thickness Of Blade	0.3 to 1.5 mm



Groundnut Decorticator

In decortication operation breaking pods and freeing kernels occur. Groundnut Decorticator having simple design and easy operation.

Very Less & Negligible Maintenance due to Simple Design. No external power or fuel is Required Operation



Coconut Dehusker

Benson Agro Engineering has developed a very simple and effective tool for easy dehusking of coconuts. The tool is light weight very simple to use, handy and can be used both indoors and outdoors.

Hand Hoe with Ridger

Application

- Inter Culture Operation

Features

- Simple Design
- More Out Put Hence Low Cost
- Less Fatigue on Operatore
- Easy to Operate
- Most Important-Reasonable Cost

Uses

Inter Culture Operation of Maize,Bajra,Jawar, All type of Vegetables etc



Cono Weeder

Application

- Inter Culture Operation

Features

- Simple Design
- More Out Put Hence Low Cost
- Less Fatigue on Operatore
- Easy to Operate
- Most Important-Reasonable Cost

Uses

Inter Culture Operation of Paddy



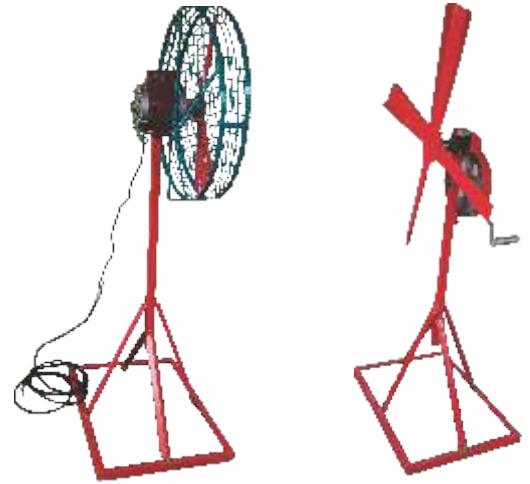
Manual / Power Operated Winnowing Fan

Application

- It differentiates Unwanted Shells & Particles From Seed

Features

- No dependence on Natural Air
- Easy Removal of Shells & Un Wanted Particles From Seed
- Less Space Required to Operate

**BENSON**
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📍 C-8\2, A - Road, NICE Area, MIDC, Satpur Colony,
Nashik, Maharashtra - 422007

☎ +91 9011660009, +91 7719870009

✉ bensonindia@yahoo.com

🌐 www.bensonagro.com

बेन्सन अॅग्रो इंजिनियरींग

📍 सी-८/२, ए. रोड, नाईस एरिया, एम.आय.डी.सी.,
सातपुर कॉलनी, नाशिक, महाराष्ट्र - ४२२ ००७

☎ +९१ ९०११६६०००९, +९१ ७७१९८७०००९

✉ bensonindia@yahoo.com

🌐 www.bensonagro.com

