

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

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# Bharat Engineering Company

**Karnal India  
KARNAL  
PIN - 132001**

**Mohit Batra  
PHONE - +91 184 8570082602  
EMAIL -  
[info@universalimplements.com](mailto:info@universalimplements.com)  
WEB -  
[www.universalimplements.com](http://www.universalimplements.com)**

Bharat Engineering Company was established in the year 1966. Today, BEC is one of the largest manufacturer and exporter of agricultural tillage, haulage, and landscaping equipment. With over 50 years of experience and presence in India and across the Globe, BEC continues to provide high-quality products under the UNIVERSAL IMPLEMENTS brand name. Our diverse range of products includes Rotary tillers (Rotavator), Disc Harrows, Cultivators (Tillers), Laser Levellers, Disc Ploughs, Mould Board Ploughs, Ridgers, Trailers, Sub Soilers, Rotary Slashers, Post Hole Diggers, Rotary Tiller Blades, Harrow Discs and Shovels of various designs. We also manufacture the majority of the parts that go into the production of all our implements using high precision computerized machinery such as CNC, VMC, HMC machines as well as imported gear hobbers and bevel gear generators. The material used in all UNIVERSAL IMPLEMENTS parts is metallurgically tested and goes through stringent quality checks before being used. Since most of our implement parts are machined in-house, this gives us a lot more control over the quality of the parts that are used in our implements. This also ensures ready availability of parts and accessories to cater to the wear and tear and accidental damage related requirements.

Products Description

Rotrary Tillers

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Most appropriate tillage equipment for fruits and vegetable growers, rice growers, hobby farmers, landscapers, nurseries, vineyards, greenhouse farmers, and gardeners. Fast and economical solution for your tillage needs. Perfect match to compact narrow tractors to use under overhanging branches of orchards. Suitable for wetland conditions in combination with mini lightweight tractors. Suitable for use in dry as well as wetland conditions. Heavy-duty PTO with shear bolt for gearbox overload protection. Easily adjust the cutting depth by using the side skid depth adjustment. Comes with specially made Universal Super high-quality boron steel blades that last much longer than other regular rotary tiller blades. Gear Drive: Single Speed Gear Box.

ITC HS Code

84328020

Certification Category

Product Standard

Certification/ Standard

ISO

Issuing Agency

Date of Issue

Date of Expiry

Certificate Image



Certification Category

Product Standard

## BRAND INDIA ENGINEERING E-CATALOGUE

Certification/ Standard

CE

Issuing Agency

AQMCS

Date of Issue

Date of Expiry

Certificate Image



End Use Sectors

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Product Images



Ploughs

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Universal Disc Plough are well designed to work in all types of soils & can be used easily in hard soils & in rocky & rooted areas. Universal Disc Ploughs can handle the toughest ploughing jobs with ease. Compatible with a variety of tractors. An adjustable and spring-loaded furrow wheel/coulter disc takes care of the side draft and makes sure that the implement moves smoothly. Available with the option of high-quality Universal Boron steel discs that last much longer than regular steel discs. Heavy-duty pipe frame with high ground clearance makes it easy for the plough to work in fields with a lot of crop residue. Especially useful in hard and dry trashy land, stony soil conditions and in soils where scouring is a major problem. Highly adjustable disc penetration & disc position angle for use in tough and soft soil. Available in 2, 3, 4 & 5 bottom configurations. Coulter Disc & Shocker assembly keeps the Plough perfectly aligned.

ITC HS Code

84321010

Certification Category

Product Standard

Certification/ Standard

CE

Issuing Agency

AQMCS

Date of Issue

Date of Expiry

Certificate Image



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Product Images



### Mould Board Plough

Technical Details

Universal Mould Board Ploughs are designed to work in all types of soils and can be used easily in hard soils and in rocky and rooted areas. Universal MB Ploughs can handle the toughest ploughing jobs with ease. Compatible with a variety of tractors. Equipped with special wear-resistant alloy steel blades and Boron steel bar points. The high-quality bar points can be moved in their slot for complete utilization. Heavy-duty frame with high ground clearance makes it easy for the plough to work in fields with a lot of crop residue. Mould Board extension can be provided for better control of slice when extra deep ploughing is required. Available in 2, 3 & 4 bottom configurations.

ITC HS Code	84321090
Certification Category	Product Standard
Certification/ Standard	CE
Issuing Agency	AQMCS
Date of Issue	04-12-2019
Date of Expiry	08-12-2022

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Certificate Image



End Use Sectors

Product Images



**Cultivators**

Technical Details

BHARAT spring-loaded Cultivator/tiller is simple in design but study in performance. It is suitable for use in soft and medium soil conditions. Loosens and aerates the soil to a depth of up to nine inches. When one tine strikes a buried object, the others continue to work at the correct depth. The Dual spring-loaded tyne assemblies derive their strength from heavy-duty angles, which once fixed to the mainframe cannot move out of position. It prepares seed beds quickly and economically. Comes with high-quality reversible steel shovels & high-Quality spring steel springs.

ITC HS Code

84329010

Certification Category

Product Standard

Certification/ Standard

CE

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Issuing Agency  
Date of Issue  
Date of Expiry  
Certificate Image

AQMCS



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Product Images



Harrows

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

UNIVERSAL Disc Harrow is used to till the soil where crops are to be planted. It is also used to chop up unwanted weeds or crop remainders. Designed to work easily in tough operating conditions. Heavily weighted gangs provide excellent stability. Compatible with a variety of tractors. Can be used for both, surface disc harrowing (superficial ploughing) and intensive deep ploughing. Used in the open field working for shattering of clods, preparation of soil for sowing, and burial of organic substances and crop residue. Easy to transport on the tires using the hydraulic/manual system. Available with the options of high carbon steel discs and high-quality boron steel discs with 46-50 HRC hardness. The long-lasting and reliable tires and hydraulic mechanisms enable the operator to control the cut depth and facilitate in easy transportation. High-quality bearings and hubs ensure smooth operation and put a minimal load on the tractor. High-quality seals prevent the entry of mud and water into the bearings and hubs.

ITC HS Code

84322100

Certification Category

Product Standard

Certification/ Standard

CE

Issuing Agency

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### Ridgers

#### Technical Details

Universal Ridgers quickly and economically make simple soil ridges. The furrows/disc angle can be easily spaced/ adjustable as per crop requirement. Heavy Duty box frame capable of operating all type of soil condition. Available in various sizes.

ITC HS Code

84329010

Certification Category

Product Standard

Certification/ Standard

CE

Issuing Agency

AQMCS

Date of Issue

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Date of Expiry

08-12-2022

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Sectors of Interest

Agri Implements (Tillers, Ploughs, Harrows, Cultivators, Slashers, Trailers, Ridgers & Levelers)

Is OEM Supplier?

Is After Sales Service Provider?

Yes

Importance of niche products

Potential market of niche products

Product Supply Record

Patented Technologies

Awards/Accolades