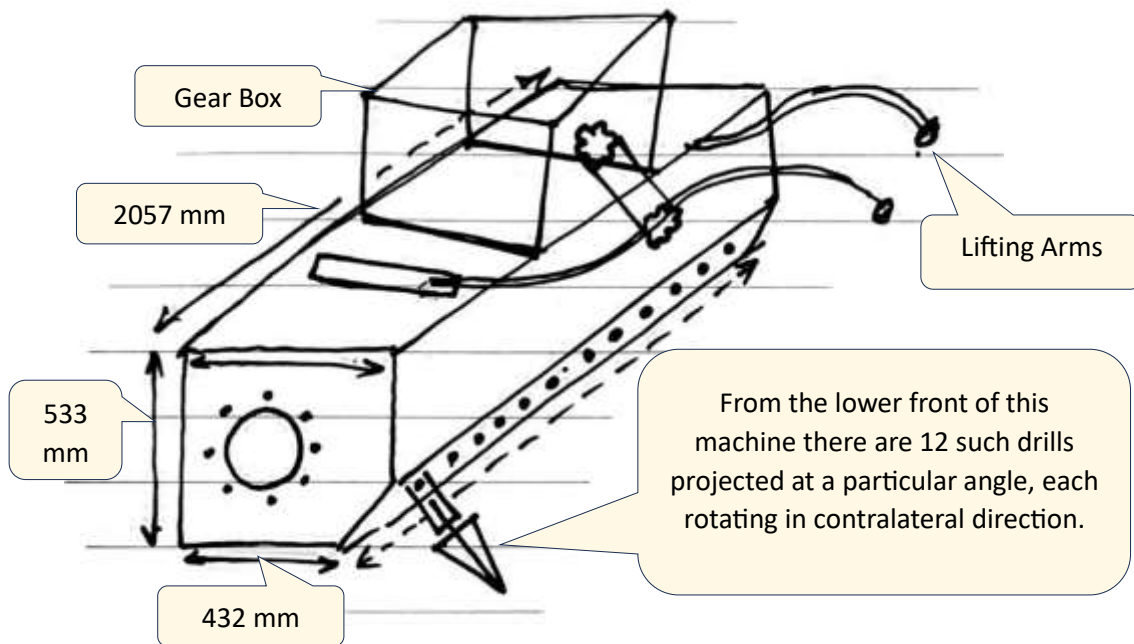


Working Modalities of Bhanujit Multi Drill Cult Rotavator



As shown in figure this Bhanujit MDCR with the help of the connecting piece, is connecting six spline axle with the PTO shaft of the Tractor. And the upper front side projected lifting bars are fixed with hydraulic lifting arms of the Tractor and pinned.

To start with this Bhanujit MDCR is lifted through the Hydraulics and is carried to the beginning spot of the Farm, to be cultirotavated. The ridges are to be crossed either in cross manner or like a conventional rotavator, in reverse gear, so as to avoid ridges breakage. Then Bhanujit MDCR is to be landed with the release of Hydraulics and PTO Shaft Rotation to be started in 2nd low or 2nd medium gear with 15 rpm, would start Rotation of all 12 Drills. According to the type of Soil and its tilth adjust the accelerator and depth and then put the Tractor in Motion. This will start Cultivating and Rotavating with 12 Furrows, up to 8 to 9 inches depth.

These revolving drills, each revolving in opposite direction than the adjoining drill bit, would remove weed and remnant plants of previous crop with their roots in only one pass. This Cultitrotavation does not form any hard layer of soil at three to four inches depth and hence there is full rain water charging of the soil with ease of root penetration for the next crop.

In conventional method, there are two passes of cultivation at right angle to each other and then one pass of rotavator. Hence Tractor has to move three times. Also, in conventional method diesel consumption is quite high during rotavation.

Contrary to this, Bhanujit MDCR finishes quality cultivation and rotavation together in a single pass only. The weeds being removed with roots, gets composed and also minimizing the weeds removal expenses in next crop with elimination of weed fire tradition. This also helps in prevention of pollution, and to combat against global warming.

Care & Precautions

After completing, park the MDCR under a preferably shaded area, keep the drills soil free with wire brush.

Making of this MDCR is such, that it doesn't need any lubrication for 3 years.

Oil in the upper gearbox is only to be maintained. Because of special metal coating on the cultivating edge of drill bits, frequent changing of drill bits is not needed.

Whenever the drills are rotating, nobody should go nearby. Of any problem contact the service center, and get the guidelines.