

IIPR Hand Operated Horizontal Emery Dal Chakki

Salient features

- It comprises of two horizontal emery disks
- Bearings have been provided at the central pivot and at the base of the handle to reduce power requirement while operation
- Gap between the two disks can be increased or decreased according to grain size with the help of adjustment bolt at central pivot of the chakki
- Use of bearing at the center reduces the frictional force and at the base of handle provides firm grip causing less pressure on the hands of the operator

Advantages

- ✓ Domestic scale pulse milling
- ✓ Minimizes milling losses
- ✓ Water soaking pre-milling treatment is adopted to loosen the husk
- ✓ The manually operated vertical chakki gives milling capacity of 8-12 kg/h for different pulses.
- ✓ Chakki gives milling capacity of 10-15 kg/h for different pulses

Specifications

- Horizontally placed emery disk chakki mechanism
- Power source: manually operated
- Output capacity: 8-12 kg/h for different pulses
- Manpower requirement: Single unskilled worker



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