



ASHOKA MK -III

The Ashoka MK II Presses which were very popular with small scale pressing plants world wide has been redesigned as the new ASHOKA MK III presses.

The United Ashoka Presses are designed to cater to the small scale crushing plants.

Highly Efficient in their Operation, Low Maintenance Costs and Reliable, the new ASHOKA MK III are designed to crush most oil bearing seeds.

This press has been used for both "cold" and "hot" pressing.

Capacities	15-25 Tons Per Day *
Motor Rating	20-30 kW *
Cage Diameter	190 x 165 mm
Length	3975 mm
Width	955 mm
Inlet Feed Height	1430 mm
Weight	3850 kgs

* Depending on seed and application

MAIN BODY

- ✍ Complete Steel Fabricated Machine
- ✍ Split Type Splash covers ensure protection from oil splash and vapors, lower cover allows for observation of press while in operation.

DRIVE ARRANGEMENT :

- ✍ The press has a High Torque Output and is efficient due to the special design of the gearbox.
- ✍ Heavy Duty, Double Helical Reduction Gearbox .
- ✍ Alloy steel worm shaft, driven at the feed end through a coupling from the gearbox, which allows withdrawal of shaft without disturbing gearbox or thrust bearing.
- ✍ Proper Selection of bearings ensures smooth and noiseless operation.
- ✍ Rotary Joint on main shaft is provided for cooling of shaft.

WORM ASSEMBLY :

- ✍ The worm assembly is specially designed after years of research.
- ✍ The worms and collars are Hardened using special Electrodes.
- ✍ The Worms & Collars have a special design, which ensures easy removal from the worm shaft, thus saving down time.

CHAMBER SECTION AND CAGE BARS:

- ✍ Cast Steel cage, manufactured in two halves, secured together in the vertical plane by clamping bolts
- ✍ Angle of Discharge in Chambers ensure proper drainage of oil
- ✍ The Cage Bars are fabricated from special alloy steel ensuring longer life
- ✍ Cake thickness can be varied by means of a choke that can be adjusted when press is not in operation.

FEEDER ARRANGEMENT:

- ✍ Horizontal Feeder Unit and a Vertical Feeder Unit, control feed of seed in press.
- ✍ There is VFD on the Horizontal Feeder with PID control auto tuning function

SHAFT TENSIONING TOOL

This is a special tool supplied with the press, which ensures that once the worm assembly has been installed in the press, the space between the worms and collars on the worm shaft is reduced to the minimum.



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