



UMAS EXCEOIL MK2 OIL EXPELLER



**6 - 8 TONS IN SINGLE PRESSING
A BREAK-THROUGH IN HIGH EFFICIENCY AND QUALITY**

**UMAS OIL EXPELLERS
ALL STEEL FABRICATED WITH CAST STEEL CHAMBER**



**UNITED OIL MILL MACHINERY AND
SPARES PVT. LTD**

MANUFACTURERS AND EXPORTERS OF OIL MILL MACHINERY, OIL EXPELLERS / SCREW PRESS, SEED FLAKERS AND CRACKERS,
SEED PREPARATORY EQUIPMENTS, OIL FILTERS, OIL REFINING PLANTS AND ALLIED EQUIPMENTS.

UMAS

EXCEOIL MK2 OIL EXPELLER

All Steel Fabrication and Improved Design

For perfect alignment and stability.

Vertical Hinged 34" Three-section Pressing Box

Entirely eliminates the difficult task of removing box for relining or for replacement of worms, which saves lot of time and labour.

Steel Casted Chambers

Reduces time and labour for relining of Cage Bars.

Shaft Withdrawal

The main Worm Shaft can be withdrawn very easily without disturbing the gear section in any way. Pressure worms and spacing collars can be changed without disturbing the main shaft. The thrust of the pressure worms is taken upon large thrust bearings.

Pressure Cone

The final pressure of the cake is positively controlled by a Pressure Cone which is hard faced.

Cake at Discharge

The cake thickness is controlled by a manually operated hand-wheel which is so simple that the choke system is independent of the main drive and there is no possibility of a sudden load being placed on expeller motor.

Compressor

The EXCEOIL MK2 Expeller feed is under automatic control and the seed or meal when entering the Expeller is given a preliminary compression by a small crammer-shaft driven by an automatically tensioned belt which stops when feed is excessive, starting again when the accumulation has been absorbed by the Expeller.

Power

The power required to drive the "UMAS" EXCEOIL MK2 Oil Expeller is 25 HP/ 30 HP and for cooker 3HP.

Gear Box & Lubrication

A double helical gear unit made from most suitable special steel, running in oil bath. All shafts run on anti-friction bearings. Drive housing is oil tight and dust proof, totally enclosed design and is fitted with level indicator.

Kettle / Cooker

The Steam Kettle is of adequate capacity with 42" dia. two-high steam jackets fitted with self controlled meal inlet to prevent over flowing with open steam spray arrangement, safety valve, steam pressure gauge, steam traps and steam valves. The Kettle requires 40-55kgs. of process steam per hour at a pressure of 4 kg/cm².

Capacity

The capacity, however, varies with the material and working conditions.

The average capacity is 6 - 8 tons in first pressing and 5 - 6 tons in second pressing.



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