



# UMAS TIGER MK-II OIL EXPELLER



3 TO 4 TONS PER DAY

**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**

## **TIGER MK-II OIL EXPELLER**



### **All Steel Fabrication and Improved Design**

For perfect alignment and stability.

### **Vertical Hinged 27" Pressing Box**

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

### **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The main Worm Shaft can be withdrawn very easily without disturbing the gear section in any way.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.

### **Power**

The power required to drive the "UMAS" TIGER MK1 Oil Expeller is 10 HP and for cooker 1.5 HP.

### **Gear Box & Lubrication**

A triple helical gear unit made from most suitable special steel, running in oil bath. All shafts run on antifriction bearings. The drive housing is oil tight and dust proof, totally enclosed.

### **Kettle / Cooker**

The two-high steam Kettle is fitted with steam pressure gauge, steam traps and steam valves.

### **Capacity**

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

The average capacity is 2 to 2.5 tons.

### **ALSO SUITABLE FOR COLD PRESSING**

A feeding kettle can be provided instead of the steam kettle for cold pressing.



**United Oil Mill Machinery & Spares Private Limited**

(Manufacturers & Established Exporters)

**Regd. Office :** D-58, Okhla Industrial Area, Phase 1, 2<sup>nd</sup> Floor, New Delhi 110020,

Phone: +91-11-26371200, 26371201, 26370202

**Works :** 39 Km, Mathura Road, Ballabgarh 121004 (Haryana), Phone +91-129-2309150

**Email :** [info@umas-india.com](mailto:info@umas-india.com), [umas.newdelhi@gmail.com](mailto:umas.newdelhi@gmail.com)

**Website :** [www.umas-india.com](http://www.umas-india.com)