



# UMAS TIGER MK1 OIL EXPELLER



2 TO 2.5 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 MK1 OIL EXPELLER

### **ALL STEEL FABRICATED 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 time and labour.

### **SHAFT WITHDRAWAL**

The main Worm Shaft can be withdrawn very easily without disturbing the gear section in any way and pressure worms and spacing collars can be changed without disturbing the shaft.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

### **PRESSURE CONE**

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

### **THE CAKE AT DISCHARGE END**

The cake thickness is controlled by a manually operated 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**

Power required to drive the "UMAS" TIGER MK1 Oil Expeller is 15 HP and for Cooker 1.5 HP.

### **GEAR BOX & LUBRICATION**

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

### **KETTLE**

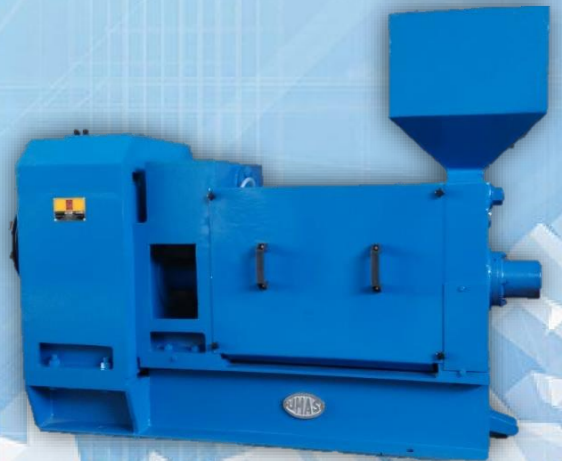
The two-high steam kettle is fitted with safety valve, steam pressure gauge, steam traps and steam valve.

### **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 / hopper can be provided instead of the steam kettle for cold pressing.



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