



UMAS VIP MK2 OIL EXPELLER



**30 TONS PER DAY IN SINGLE PRESSING
A MACHINE YOU CAN RELY ON FOR ITS
PERFORMANCE AND DURABILITY**

**UMAS OIL EXPELLERS
ALL STEEL FABRICATED**



**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

“VIP” MK2 OIL EXPELLER

All Steel Fabrication and Improved Design

For perfect alignment and stability.

Vertical Hinged 72” Long Pressing Box

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

The main Shaft

Of the Expeller is water cooled and is of alloy steel construction, fitted with high Pressure Worms, hard faced, with a highly wear resistant chromium cobalt alloy. The worm arrangement has been designed to expel the maximum recoverable oil from oil bearing materials.

Shaft Withdrawal

The main Worm Shaft can be withdrawn very easily without disturbing the gear section in any way.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

Compressor

The feeding hopper has a vertical feed device, which compacts the seed coming from the heating kettle, and press it uniformly into the cage.

The cake at the discharge

End of the main cage is controlled by manually operated arrangement 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.

An Oil & Cake discharge conveyor

Is fitted along the full length of the Expeller having right and left hand flights to deliver the oil to central point. The drive is from the main Gear Box.

Power

The power required to drive the “UMAS” VIP MK2 Oil Expeller is 100 H.P.

Gear Box & Lubrication

A triple helical gear unit made from most suitable special steel, running in oil bath. All shafts run on Antifriction bearings. Drive housing is oil tight and dust proof, totally enclosed design and is fitted with level indicator. A self-contained lubrication arrangement has been provided.

Capacity

The crushing capacity of “UMAS” VIP MK2 Oil Expeller is 30/35 M/ tons in 24 hours in single pressing with minimum oil contents of 6 to 8% approximately left in oil cake depending upon the materials being crushed and the working conditions.

Steel Structure for Cookers and Motor Control Cabinet

Are provided as standard accessories.



United Oil Mill Machinery & Spares Private Limited

(Manufacturers & Established Exporters)

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