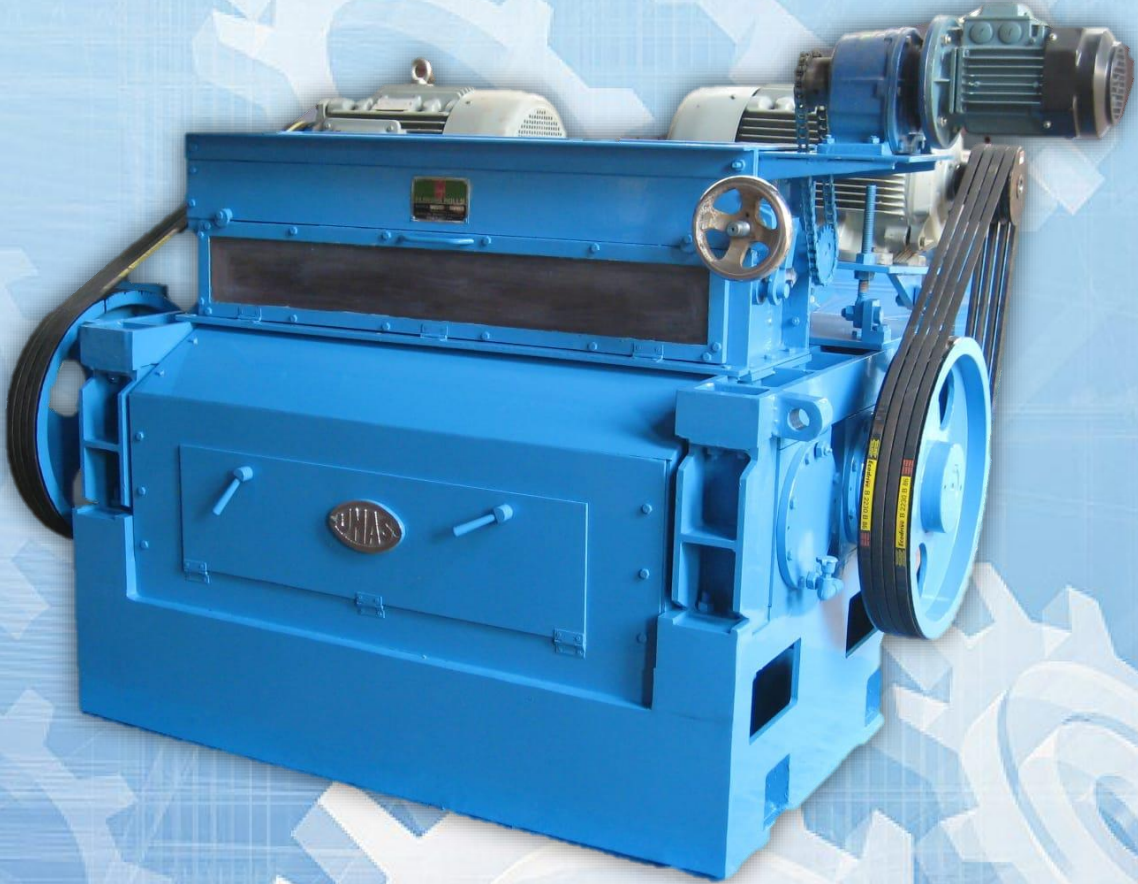




# UMAS SEED FLAKING MACHINE



**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 SEED FLAKING MACHINE

## Application

These machines are used for flaking various oilseeds prior to solvent extraction and expelling. Smaller seeds, e.g. rapeseed, mustard, linseed, sesame, poppyseeds, sunflower and cottonseed may be directly fed to the flaking machines. Larger seeds, e.g. soyabeans, palm kernels and copra require cracking prior to flaking. For this purpose we recommend our Seed Breaking machines.



## Models

MODEL SFR-4 one pair rolls of 400 mm dia x 1000 / 1250 mm length

MODEL SFR-6 one pair rolls of 600 mm dia x 1000 / 1250 mm length

MODEL SFR-7 one pair rolls of 700 mm dia x 1350 mm length

## Features

- All Steel fabricated heavy and rigid frame which is heaviest in its class.
- Heavy duty self-aligning double row, spherical roller bearings which are the largest bearings in the Industry for the particular size.
- Largest roller shafts in the industry.
- Adjustable Rolls moves back and forth to flaking position in heavy duty square bearing housings with extra large bearing surfaces.
- Easy access to rolls, scrapper, saddle plates and all areas around the feeder.
- Convenient roll removal with bearing housing from front and back. Rolls may be lifted vertically from frames, if desired.
- Adjustable safety device for preventing rolls striking.
- Largest hydraulic cylinders for roll pressure.
- Hydraulic Power pack with motor and pressure switch etc.
- Independent electric motor drive for each roll, through heavy duty 'V' Belts arranged for differential roll speed, complete with belt tensioning arrangement and belt guards.
- Superior Belleville disc type springs provide maximum service life and are sized to reduce shock to rolls, journals and bearings.
- Feeder roll with groove is driven through an independent 0.5 HP generated motor.

## PRODUCTION CAPACITY OF UMAS FLAKERS IN TPD WITH FLAKE THICKNESS 0.25 / 0.30 MM $\pm$ 10%

	400x1000	400x1250	600x1000	600x1250	700x1350
Recommended HP for Roll drive	2x30	2x40	2x50	2x60	2x80
Cracked and conditioned Soyabeans	100	125	150	190	240
Cracked Palm Kernels	55	68	80	100	120
Cracked Copra	65	80	90	120	140
Sunflower Seed	90	112	130	170	200
Cottonseed dehulled	80	100	115	150	180
Rapeseed	90	112	130	170	200
Linseed	75	85	110	140	170



**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)