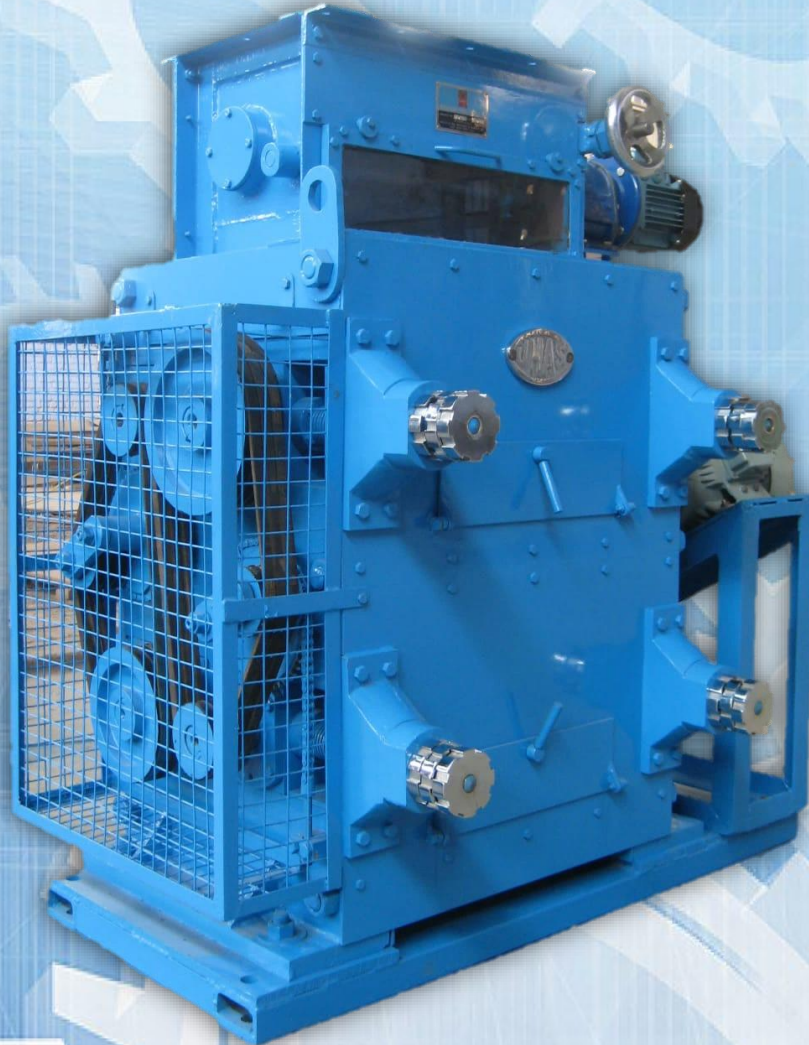




# UMAS SEED BREAKING MACHINE



**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 BREAKING MACHINE

## Application

These Rolls are used for cracking of oilseeds, press cake and other soft to medium hard products.

## Models

These Rolls are available in two models :

MODEL SBR – 1 pair Breaking Rolls

MODEL DBR – 2 pair Breaking Rolls

The Rolls are chilled cast iron, properly corrugated for particular application.

These are in 250 mm dia, having 500 mm, 1000 mm and 1250 mm lengths.

## Construction

Salient Features of our Breaking Rolls are :

- All Steel fabricated heavy and rigid frames with spacer bars and front and back plate for extra strength.
- Heavy duty self-aligning double row, spherical roller bearings in bearing housings.
- Adjustable Rolls move back and forth in square heavy duty bearing housings with large bearing surfaces.
- Easy access to rolls, scrapper bushes and all area around the Breakers.
- Superior Belleville disc type springs, provide maximum service life and are sized to reduce shock to rolls, journals and bearings.
- Adjustable safety device for preventing rolls striking.
- Drive is from TEFC electric motor heavy duty V-Belts for lower noise level.
- Check plate mounted at the end of the rolls prevent unrolled products from passing through the machine.
- Feeder roll with groove is driven through an independent 0.5 HP generated motor.



**Approximate capacities T.P.D. (resulting grains in mm)  
Recommended Soyabean / Peanuts Press cake TPD**

Models	HP/RPM	TPD	4/5 mmTPD	(resulting grainage)
SBR 250 x 500	10/1440	-	200	240 (6/8 mm)
250x1000	20/1440	-	400	480 (6/8 mm)
250x1250	25/1440	-	500	600 (6/8 mm)
DBR 250x500	20/1440	150	-	240 (4/5 mm)
250x1000	40/1440	320	-	480 (4/5 mm)
250x1250	50/1440	400	-	600 (4/5 mm)



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