



UMAS COOKERS



AVAILABLE IN VARIOUS CAPACITIES

UMAS COOKERS



**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 REFINING PLANTS AND ALLIED EQUIPMENTS.

UMAS COOKERS

Heating Kettles are used for proper heating and conditioning of the oil seeds prior to expelling. Controlled heat and moisture open up the oil bearing cells for maximum oil yield.

CONSTRUCTION

These Cookers are all steel fabricated with steam heated jackets for each compartment. These jackets are suitably welded with studs and hydraulically tested before assembly. All compartments except the top one are provided with hinged doors for easy access.

HEATING

Steam jackets are indirectly heated by steam and cookers are complete with necessary fittings i.e. valves, pressure gauges, relief valves, steam traps and thermometer. Bottom stage insulation of the Cookers avoids un-necessary heat losses. Insulation can be provided at extra cost.

MOISTURE ADDITION

Open steam spray is provided for bottom compartment of smaller cookers and for other sizes at the top and bottom compartments.

CONTROL

Seed temperature, retention time in each stage, moisture content and depth are easily controlled.

DRIVE

The vertical shaft carries biparted agitators for each compartment and is driven from an independent gear box and electric motor.

STEAM CONSUMPTION

Higher figures are for starting up and the lower figures are for steady running



Size Dia x Ht. in mm.	1067x711	1219x1067	1676X1930	1676X2438	2134X2438	2134X3048	2438X3048
No. of Compartments	2	3	4	5	4	5	5
Total Heating area in Sq. M	1.784	3.495	8.828	11.035	14.312	17.890	23.350
considering one side of jacket)							
Total volume Cu M. (Leaving jacket space)	0.566	1.076	3.595	6.230	7.646	9.543	12.402
Steam Consumption Kg/hr.	40-55	55-70	130-160	160-190	200-250	240-310	320-400
Steam Pressure Kg/cm²	4	4	8	8	8-10	8-10	8-10
Electric motors main Drive H.P.	-	5	20	20	25	30	40
Exhaust Fan Motor H.P.	-	-	1.5	1.5	1.5	1.5	1.5
Main Drive	-	V. Belt & Gear Box	V. Belt & Gear Box	V. Belt & Gear Box	V. Belt & Gear Box	V. Belt & Gear Box	V. Belt & Gear Box



United Oil Mill Machinery & Spares Private Limited

(Manufacturers & Established Exporters)

Regd. Office : D-58, Okhla Industrial Area, Phase 1, 2nd 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, umas.newdelhi@gmail.com

Website : www.umas-india.com