

# **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 I 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

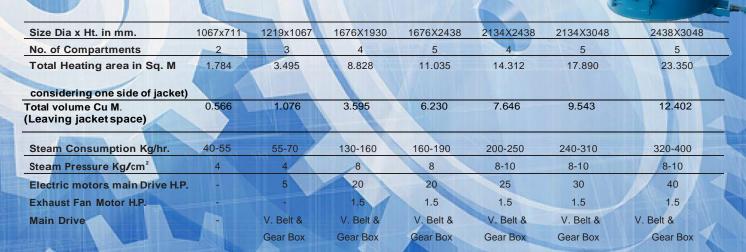
Seed temperature, retention time in each stage, moisture content and depth are easily controlled.

#### 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





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