

## Millets Value Addition Machinery

### CIAE Millet mill (Model I)

- Mode of operation: continuous
- Capacity: 100 kg/h
- Power requirement: 1 hp (1440 rpm) Single  $\phi$  motor
- Floor area: 860 mm x 842 mm
- Weight: 112 kg excluding motor
- Dehulling efficiency: 90-95%
- Suitable for foxtail, little, kodo, proso and barnyard millets

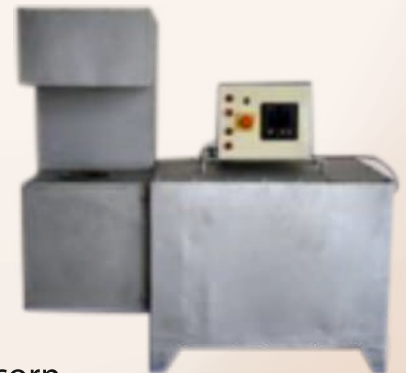


### CIAE Millet mill (Model II)

- Mode of operation: continuous
- Capacity: 100 kg/h
- Power requirement: 1 hp (960 rpm) + 1 hp (2880 rpm) Single motor
- Floor area: 1118 mm x 900 mm
- Weight: 150 kg excluding motor
- Dehulling efficiency: 95%
- Suitable for foxtail, little, kodo, proso and barnyard millets

### CIAE millet popping machine (Model I)

- Mode of operation: continuous
- Power requirement: 5 kW (Three phase)
- Capacity: 1.4-2 kg/h
- Popping efficiency: 60-70 % popping recovery for Sorghum & Amaranthus.
- The overall dimension : 1000 mm x 970 mm x 580 mm
- Total weight: 80 kg
- Suitable for popping of sorghum, amaranthus, finger millet, kodomillet, and other small grains including paddy, rice, and corn





### Pneumatic Dryer cum Conveyor

- Mode of operation: continuous
- Power requirement: 3 hp blower
- Capacity: 100 kg/h
- Suitable for sorghum, pearl millet, etc.

### Millet Processing Line (25 kg/day)

This processing line can produce fermented millets and millet flakes with a set of machine, such as fermentor cum steaming vessel, pneumatic conveyor cum dryer, flaking machine

#### Fermentor cum steaming vessel

- Mode of operation: Batch type
- Capacity: 0.150 m<sup>3</sup>
- Working volume: 0.105 m<sup>3</sup>
- Power requirement: 1 hp (agitator) + mini boiler
- Temperature controller: PID controller
- Weight : 170 kg
- Suitable for sorghum, pearl millet, kodo millet, other and grains, liquid & pulps



### Flaking Machine with Flakes Conveyor

- Mode of operation: Continuous
- Capacity: 100 kg/h
- Power requirement: 2 hp Single phase motor
- Moisture of feed: 40%
- Flaking efficiency :92%
- Suitable for sorghum, pearl millet, corn, wheat and other cereals

## ROASTER



- This machine is used to cook/roast millets at high temperatures as per the requirement.
- Capacity of machine is 20 to 25 kg/hr.
- Power requirement is 1.0 hp.

## FLAKING MACHINE



- This machine is suitable for multiple grains flaking.
- Size adjustable from 0.5 to 2.5 mm.
- Capacity of machine is 50 to 80 kg/hr.
- Power requirement 2.0 hp.