



## Millet Mill (Model-II)

### Utility

CIAE Millet mill model-I is redesigned ergonomically. Comfortable height based on ergonomic data to suit the height of pan-Indian rural women. Efficient in dehulling of all small millets like foxtail millet, little millet, kodo millet, proso millet, barnyard millet in a single machine. Sweeping wings to clear the dehulled mass in dehulling chamber towards the outlet chute. Flow deflector for better disposal of dehulled mass from the dehulling chamber by deflecting them towards outlet chute. Acrylic window to allow visual access into dehulling chamber.



Specifications & Performance results		
Power requirement, kW	:	0.75 kW, single phase motor
Weight, kg	:	150 (excluding motor)
Mode of operation	:	Continuous type
Working principle	:	Gentle abrasion/attrition & (aerodynamic) cyclone separator
Capacity, kg/h	:	100
Dehulling efficiency, %	:	>90
Feed moisture, % wb	:	10-12

### Benefits over conventional/traditional practices

- Dehulling efficiency is more than 90%.
- Single machine suitable for all millets.
- Delivers high-quality kernels.
- Fully covered body to avoid direct Contact of workers with moving objects.
- Sturdy and compact.
- Ease of cleaning in dehulling chamber between different millet dehulling processes.

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

### Contact:

- Head, ICAR-Central Institute of Agricultural Engineering, Regional Centre, Coimbatore-641007 Email: [ciaerccbe@gmail.com](mailto:ciaerccbe@gmail.com)
- Director, ICAR-CIAE, Nabi Bagh, Berasia Road, Bhopal 462038, Tel: 0755-2521134; Email: [directorciae@gmail.com](mailto:directorciae@gmail.com)