

## BRIQUETTING MACHINE

### Utility

The Briquetting machine designed for converting charred biomass into cylindrical briquettes is a screw type extruder unit. It has a hopper for feeding the char and cow dung mixture mixed to a predetermined proportion with water. Feeding is done slowly so that the output from the dies and the feeding are synchronised. The outlet end has a number of openings forming the die through which the briquettes are expelled continuously. These are collected separately in trays and left in the sun for drying. The larger unit is operated with a 2.25 kW motor and produces 60-75 kg of briquettes per hour. The smaller version produces about 40 kg of briquettes per hour.



Specification and working features		
Weight, kg	:	60
Briquetting capacity, kg/h	:	60-70
Prime mover, kW	:	2.25 and 0.75

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

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