

A DEVICE USEFUL FOR SHEETING AND CUTTING OF CHIKKI AND OTHER SIMILAR INDIAN TRADITIONAL SWEETS

1. Introduction:

This machine is useful for sheeting and cutting of chikki and other similar traditional sweets. On comparison with manual sheeting this machine is hygienic and reduces the manual drudgery on the part of the operator. Due to the flexibility of operating parameters a wide range of products can be handled.

2. Features of the machine:

The capacity of the unit is estimated at 50 kg/ h

The cost of a pilot plant capable of sheeting and cutting is estimated at Rs.35,000/-

Operating cost is about Rs.0.20/- per kg approximately

Production of chikki sheets with uniform thickness and size.

Suggested capacity of the fabrication unit: 24 machines per annum working 300 days/ annum

3. Project Economics- Fixed Cost – Working Capital (in Rs.'000)

(Estimate for a model project)

a)	Land & land development (300 Sq. M)	75.00
b)	Building & civil construction (200 Sq. M)	800.00
c)	Plant and machinery	1216.50
d)	Miscellaneous fixed assets	50.00
e)	Pre-operative expenses	202.00
	Total fixed capital	2343.50
	Working capital margin	200.00
	Total Project cost	2543.50

Means of Finance

- Promoters contribution 635.875
- Term loan 1907.625

4. Technology/Manufacturing Process – Availability:

The design drawing for **A device useful for sheeting and cutting of chikki and other similar Indian traditional sweets** has been developed at CFTRI, Mysore. The CFTRI has the necessary expertise to provide technical assistance and guidance for setting up of fabrication unit of this machine (the facilities can also be used for fabrication of other food processing equipments also). The CFTRI can offer further technical assistance for development and problem solving under technical consultancy arrangements.