



Cottage Scale Soy Paneer Plant

Utility

It is a cottage level plant to produce soy milk and paneer. Soya paneer is commonly called as Tofu. While normal paneer is a dairy product, soya paneer makes use of soy milk to create a healthier version of paneer. The cottage scale paneer plant consists of steam generation unit, grinder cum cooker, milk filtration unit and paneer pressing device. The soy splits are grinded at 80°C in air free surroundings to produce paneer.



Specifications & Performance results		
Power source	:	0.75 kW, electric Motor and LPG
Weight, kg	:	200
Cost, Rs.	:	3.00 lakh
Labour requirement, man-h/t	:	750
Output capacity,	:	200 litre soymilk or 50 kg soy paneer/day
Cost of operation, Rs./h	:	62/h

Benefits over conventional/traditional practices

- Good quality soy milk and tofu can be made available to the consumer at lower cost as compared to dairy products.
- Tofu is a much healthier option.
- Iron content in tofu is more than that of dairy paneer.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

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