Motorized Soybean Dehuller

Utility

It is an electric motor driven equipment to get soya splits (dhal)through inbuilt four operations i.e. splitting, dehulling, winnowing and separation. It consists of two concentric cylinder, belts and pulleys, power transmission system, blower, hopper, main frame and perforated screen. Clearance between outer and inner cylinder can be adjusted with end screw.

Specifications & Performance results		
Power source	:	0.75 kW, single phase electric motor
Weight, kg	:	80
Cost of equipment, Rs.	:	19000/-
Labour requirement, man-h/t	:	13
Output capacity, kg/h	:	100
Cost of operation, Rs/t	:	200/-

Benefits over conventional/traditional practices

- Capacity enhancement over manual operation.
- Reduces drudgery.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

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