

## Mechanized Package for Rope Making from Banana Pseudostem

### *Salient features*

- Machine for making rope from outer sheaths of banana pseudostem
- Mechanized splitting of outer sheath with the help of a sheath splitting equipment
- Mechanized twisting and winding for rope making

### *Advantages*

- ✓ Better quality rope with twist uniformity of 0.95 compared to 0.65 by manual method
- ✓ Reduce working space requirement by about 80%
- ✓ Reduce labour requirement by 65-70%
- ✓ Increase in productivity by 2 to 3 times compared to manual method
- ✓ A net return of ₹ 2.75 Lakh per year can be earned by rope making (8000-10000 m/day) with the package of equipment

### *Specifications*

Power source: 0.375 kW motor (for each unit)

Sheath strand width: 2, 3 and 4 mm

Output capacity: 800-1000 m/h

Cost of production: Rs. 0.20/m



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<i>Year</i>	2012
<i>Price / Unit</i>	₹ 1.30 Lakh, Whole package equipment: ₹ 1.5 Lakh
<i>More information</i>	<b>Status of commercialization / Patent / Publication</b> The technology is ready for commercialization.