

2. Title of the Technology: Anupam Looms-Pneumatic loom for weaving Coir mats and matting,			
Type(Green/ import substitution/etc)	Green		
IP Status (IP Protected /Non infringing /freedom to practice)	Patent Filed, Indian Patent No.228415 dtd23.12.2005		
TRL Status	5-8(Demonstrated and Proven Successfully)		
Plant / Equipment/Space requirement for manufacturing	Bobbin winding machine-1No Cops winding machine -1 No Anupam loom-1 no Land Area:250-300 Sqft		
		Capacity	Cost in lakhs (INR)
CapEx	Anupam	6 mats/day	10
		Capacity	Cost/mat(INR)
OpEx	Anupam	6 mats/day	400.00
Market Size and Return on Investment time (Please indicate in numbers)	Small capacity: Per Loom -3600 mats /annum Large capacity: Depends on the investment for multiple looms ROI:2-3 years for 1 loom		
Availability of raw materials	All the raw materials are easily in coconut growing states at reasonable cost		
Product/ Equipment Certification status (Regulatory body/ user agency)	Patent designed and fabricated in CCRI		
Unique selling Point	<ul style="list-style-type: none"> • Versatile loom which can be operationalized by male & female coir artisans • User friendly due to the ease of operation • Less maintenance expenditure • The pneumatic cylinders can be used for stenciling of the mats in different designs • Three controlling valves have been used to reduce the operating pressure to 300 gm for treading instead of 30 kg required in traditional handloom • A pair of pneumatic cylinders is provided to move the sley for beating operation which minimizes the strain of beating. • It is also capable of weaving different kinds of coir products like coir mats such as rod mats, rod inlaid mat, Carnatic mat, creel mat, fibre mat, 3 shaft coir matting carpet and Geotextile whereas different 		

	wooden loom is required.
Transfer of technology charges of the Lab for <ul style="list-style-type: none"> • Micro • Small • Medium Scale company 	Micro: Upfront Fee of Rs.10000 +Royalty of Rs 2.5% on installation Small: Upfront Fee of Rs.15000 +Royalty of Rs 2.5% on installation Medium: Upfront Fee of Rs.25000 +Royalty of Rs2.5% on installation
Date of demonstration of technology	The demonstration available at CCRI working time.

Contact details of the person

Name	Designation	Lab Address	Phone No. (Landline/mobile)	Email Address
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