

"PROMIN" Production-Technology Center Ltd.

Nizhny Novgorod

Owners:	3 persons (see Management team)
Staff:	10 persons - staff workers, 8 persons - temporary workers
Previous financing:	none
Current financing:	none
Volume of investment required:	\$ 5,000,000

Intended use of the investments required:

1. Completing R&D of an innovation project - "New Wood Treatment Technique, Tools, Power-saw Bench, Wood Drying" - 20%
2. Production start-up - 70%
3. Marketing - 10%

Company profile

"PROMIN" PTC Ltd. created on March 24, 1999 already has a fully implemented innovative project to its record. It has brainstormed and commissioned batch production of the "Kremlevka" hack-saw line of 11 types that have:

- a distinctive saw-tooth shape (RF patent #2124984, 01/20/1999, "Saw blade")
- a new handle concept (Utility Model Certificate #16096)

The major production is based on a rented facility (220 m²); new capacities (300 m²) are being deployed at a rented facility with equity of redemption.

Area and directions of activity

General area: Woodworking (tools, sawing, drying). Specific areas and objectives:

1. Improvement of existing models, design, production of prototype items, and manufacturing of cutting tools (saws, hack-saws, etc.) which considerably enhances our revenues.
2. Ultrasound application in wood treatment process. As part of the innovative New Wood Treatment Technique project we have manufactured internally funded utility models based on:
 - RF Patent № 2113347, 04/02/1997 "Method of Blade Tool Timber Sawing and a Device for its Application"
 - RF Patent № 2134388, 08/10/1999, "Timber Drying Method and a Device for its Application"

Products/Services/Technologies

New ultrasound wood treatment technology. Competitive edge: US-based drying allows to cut down power consumption costs (timber is dehumidified without changing the physical state of water), boost equipment performance and refine the tool quality (several models are being designed for international patenting).

Products:

1. Ultrasound Power-Saw Bench (timber sawing)
2. Ultrasound Timber Dryer
3. Wood and Timber Sawing Tools
4. Extracted Liquid

Services:

1. selling licenses and design & technology documentation for the above named tools and equipment
2. equipment maintenance

Achievements

1. "Kremlevka" hack-saw production yielding \$50 000 in annual profit that can be used to fund the implementation of the objectives specified below
2. New generation manufacturing equipment designed to dehumidify timber without changing the physical state of water. Essentially, ultrasound technology makes woodworking 10 times more cost effective in terms of power consumption and thus cuts the drying costs

Prospects of Development

We plan to

- Tools:
 1. organize batch production of industrial tools including frame, band and disk saws with the patented shape cutting tooth;
 2. start licensing the use of our patent # 2124984, 01/20/1999, "Saw Blade".
- Equipment: organize production of:
 1. ultrasound power-saw benches (wood sawing) Times NR;
 2. ultrasound timber dryers.
- Conduct research and development of:
 1. cuttings-free timber production;
 2. intensive wood processing for cellulose production

Sales volume (over the last 12 months): \$ 100,000

Year	Without requested investments		With the use of investments	
	Tools	Equipment	Tools	Equipment
2002	\$ 200,000	\$ 0	\$ 500,000	\$ 0
2003	\$ 250,000	\$ 0	\$ 1,000,000	\$ 0
2004	\$ 400,000	\$ 0	\$ 2,000,000	\$ 1,000,000
2005	\$ 700,000	\$ 0	\$ 4,000,000	\$ 50,000,000