

## Aviamechanica LTD

Volume of investments required: **\$ 500 thousand**

Intended use of investment required:

<b>R&amp;D (micro-engines for sport modeling)</b>	<b>20%</b>
<b>Fixed assets acquisition (production of micro-engines for sport modeling)</b>	<b>50%</b>
<b>Products upgrade</b>	<b>10%</b>
<b>Marketing (micro-engines for sport modeling)</b>	<b>10%</b>
<b>Working capital</b>	<b>10%</b>

Company Profile:

1. Date of establishment - 2003.
2. Stage of development - Expansion
3. Size and source of investment made - \$ 2,000 th.
4. Industry - internal combustion engine
5. Target market - aircraft and motor modeling
6. Sales in 2003 - \$114.49 th.
7. Description and value of assets - modern metalworking equipment (Switzerland) at the cost of \$ 1.5 million.

Owners:

«Pirometer»	<b>19%</b>
Private individuals	<b>81%</b>
Share of government property	<b>0%</b>

Management and key personnel:

Lebedev Sergei Nikolayevich - Director General, 44.

Novikov Valery Viktorovich - Chief Production Manager/Designer, 52.

Makarov Denis Andreevich - Operation Director, 26.

Product Characteristics:

Single-cylinder air-cooled micro-engine with a silencer and a carburetor for sport modeling. The range is from 0.8 to 6.5 cubic sm. The ignition is hot-bulb.

Comparative analysis with existing alternatives:

Parameters of a 6,5 sm <sup>3</sup> engine	«Aviamechanica»	OS Max, Japan	Thunder Tiger, China
Mass, g	<b>300 including a silencer</b>	<b>300 Excluding a silencer</b>	<b>300 Excluding a silencer</b>
Fuel Consumption, g/h	<b>750-800</b>	<b>800-900</b>	<b>800-900</b>
Capacity, l/s	<b>1,3</b>		
Speed, rpm	<b>2 000-16 000</b>		

An engine produced at "Aviamechanica" properly operates within 3 years from the date of its production.

Markets/Competition:

	Characteristics	«Aviamechanica»	OS Max, Japan	Thunder Tiger, China
2004	Geography - the USA			
	Share of a company on the market, \$ ths.	200	40 000	2 000
2008	Geography - the USA			
	Share of a company on the market, \$ ths.	1300	40 000	4 000

OS Max is a market leader in respect of sales and the range of products.

Thunder Tiger is actively fortifying its position on the market due to a low cost of its products.