



# MICRON

NEWSLETTER FROM SOLITAIRE MACHINE TOOLS LIMITED

SEPT. - DEC. 2008



Dear Friends,

It has been a few months since we sent our newsletter to you. In this period there has been some interesting developments which we would like to share with you.

You have associated Solitaire with Cincinnati Centerless Grinders for the past 20 years and we have jointly progressed by making better product progressively.

In our last Newsletter, we have introduced Centerless Grinders manufactured by **BOCCA & Malandrone Sunebo S.p.A of Italy**. This new technology has been absorbed by us and the first BOCCA grinder will be with the customer by end 2008. We also propose to exhibit BOCCA grinder at the next IMTMA Machine Tool Show to be held in Bangalore in January 2009.

Over the past 20 years, Solitaire has developed skills for **REBUILDING AND RETROFITTING** Centerless Grinders. This activity is expanding steadily over the past years and today a large number of customers around India have availed of these services. Two of our customer's letters are reprinted in this bulletin.

In April 2008, Solitaire was approached by a leading rebuilder and manufacturer of special purpose grinders, principally for the bearing industry. The company **O.ERREPI Machine Tool** is based near **Turin** in Italy and has been in business for over 25 years. The company was started by Mr. Maffei, an ex-employee of SKF in Europe and has grown to be a major Manufacturing operation with plants in Italy and Romania

The proposal from O.ERREPI interested Solitaire and agreement was signed for mutual Co-operation. Under the active participation of O.ERREPI, a first batch of three grinders for a major bearing manufacturer in India are currently being rebuilt and CNC retrofitted at Solitaire's new expanded facility.

Solitaire has been putting in a lot of its resources in **REBUILDING AND RETROFITTING** activity. The advantage to customers are many fold like acquiring current technology on existing machines to remain competitive in the global market with substantial saving in cost.

This newsletter is dedicated to **REBUILDING & RETROFITTING** activity.

Please write to us at [solitaire@satyam.net.in](mailto:solitaire@satyam.net.in)

With Warm Regards,

P.J. Sheth

Precision to the last micron



## Who we are

O.ERRE.PI. s.n.c. has been working for more than thirty years in the field of tooling and special machine tool. From the starting activity of repairing and overhauling tooling and special machines on, the work of O.ERRE.PI. evolved with the time; the staff and the working area

were enlarged. The development of O.ERRE.PI. was supported also by the customers, who always trusted the work of our technical-commercial staff.

This trust was awarded by the results, that always met the customers' expectations. The customers of O.ERRE.PI. are various, ranging from the big multi-national company to the small mechanical workshop.



A further warranty we offer to our customers is the certification of the company's quality system, according to the European Standard UNI EN ISO 9001, which we obtained in January 1999.

## What we do

The products / services O.ERRE.PI. offers to the customers are the following:

- design and manufacturing of special machine tool with turnkey solutions;
- overhauling and transformation of machines, with upgrade to safety standards and application of control systems, such as PLC and NC of the main manufacturers;
- overhauling of tooling and machine tool;
- application on the manufactured/overhauled machines of loading/unloading systems, conveying belts, various interlockings and storage units;
- technical assistance at the customer's premises;
- supply of tooling and design-manufactured spare parts.
- technical supervision for emergency through "Teleservice".



## Machine typology

The machines manufactured, overhauled and transformed by O.ERRE.PI. consist mainly of grinding machines, honing machines and lathes for bearing industry, car industry components, electrical household appliances and in general for any machining requiring a high quality, along with a high productivity and reliability.



## Before... ... and after



Old machines are completely renewed, with a full reset of geometry, the elimination of all moving organs of the working axes and the application of recirculation screws and brushless motors, renewal of accident prevention devices and application of modern electronical controls. The result is a new machine, with a remarkable economic saving.



## Some Examples

### Grinding machine NOVA 10/150



Grinding of inner rings of taper bearings, transformed to NC 1050, 3 axes, with electro-spindle and rapid stop system, for an optimal management of the various working cycles.

### Grinding Machine CIMAT RFO



Bore grinder, transformed to NC 2 axes, with insertion of Marposs measuring device, electro-spindle and rapid stop.



### Grinding machine FAMIR 250

Transformed to NC 3 axes, gate loading, for grinding large size rings.



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To

Mr. Ashok J. Sheth  
Solitaire Machine Tools Ltd.  
292, Dharmsinh Desai Marg,  
Chhani Road,  
Vadodara - 390 002

Dear Mr. Sheth,

We are working together for rebuilding and CNC retrofitting of Cincinnati Centerless Grinders for past several years. The grinders have been rebuilt to our satisfaction and have performed meeting our stringent requirement. We hope to continue rebuilding and retrofitting in future.

With regards,

  
Rajendra Abhange  
Director - Technical  
Gabriel India Ltd.

**ANAND** >>

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IF YOU THINK OF CENTERLESS - THINK OF SOLITAIRE



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FAG Bearings India Limited

TMM/MMJ/LETTER/SML/08-09  
12th May 2008

Solitaire Machine Tools Ltd,  
292, Dharmsinh Desai Marg,  
Chhani Road,  
Vadodara - 390002

Subject : Rebuilding/Retrofitting activities of our Cincinnati Centreless Grinders.

Kind Attn.: Mr. Ashok Sheth, Managing Director.

Dear Sir,

We are one of the users of Cincinnati machines.

Cincinnati-3-300 was rebuilt by you about 10 months back which was satisfactory..

We are satisfied with your knowledge and services for this.

Regards,

FAG Bearings India Limited,

H.J. Shah  
(Gen. Manager-Projects & Technology)

S.M. Shanware  
(Vice President - Tech. Operations)

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