



# MICRON

NEWSLETTER FROM SOLITAIRE MACHINE TOOLS LIMITED

JUNE 2010



Dear Friends,

I am writing to you for the first time as Mr. P. J. Sheth has retired as Chairman of our organization. He has guided us from inception to a stage where SMT name became synonymous with Centerless Grinding. Mr. Sheth would continue to be our Mentor as Chairman Emeritus.

This Newsletter brings us to another milestone in our journey. We have delivered our **600<sup>th</sup> Centerless Grinder** to our prestigious customer "Godrej & Boyce Manufacturing Company Ltd." The grinder was designed with a new concept to meet their exacting demand on quality. This grinder is shown on the back side of this newsletter.

We had been advised by many of our customers for some time on need for grinder designed specially for Plunge grinding (Infeed grinding). With customer feedback and suggestions, we have launched **Solitaire No.2-i Precision Centerless Grinder**. We have so far supplied over 10 such grinders and feedback is positive. These grinders are now offered with Schneeburger Linear Bearings with Needle Rollers for low friction travel with high load carrying capacity. The grinders are offered in conventional and up to 5 axis CNC version.

We all have felt explosive growth of auto sector along with other engineering industries. All indications show that Indian Engineering Industry would show double digit growth in coming 3 to 4 years. The growth would be fueled by high domestic demand and outsourcing by foreign buyers of auto components. Indian Machine Tools Industry would be net beneficiary to this trend. SMT plans to meet demand with better products and innovative ideas to provide complete grinding solution.

SMT thrust on "Rebuilding and Retrofitting" is taking firm footing with many major customers. The thrust to go in this rate is to take advantage of moving into today's technology at better cost and to lower manufacturing costs.

Do write to us and send your valuable comments on our products, services and how we can be of assistance to you at [sales@smtgrinders.com](mailto:sales@smtgrinders.com).

With Warm Regards,

Ashok J. Sheth

Precision to the last micron

# 600th GRINDER

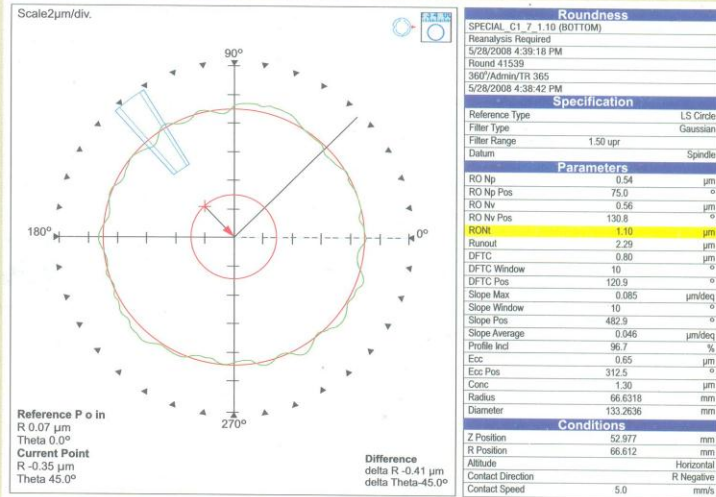


Crankshaft face and diameter ground in one setup



Solitaire No. 2- i 4 Axis CNC Centerless Grinder

- Hydrodynamic grinding wheel spindle supported with sets of bearings consisting of five shoes each for constant center of rotation
- Outboard support for regulating wheel spindle
- Schneeburger Linear Bearing for infeed slides.
- Marposs Non Contact Auto Balancer
- 4 Axis CNC configuration
- Automatic safety door with photo guard for safety.



Roundness on Top - ③	Roundness on Bottom - ③	Roughness - Ra	Sliding Taper ③	Seat Roughness - Ra	Seat Taper ③	Seat Runout ③
1.55	1.1	0.18	1	0.19	0	2

IF YOU THINK OF CENTERLESS - THINK OF SOLITAIRE



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