

Synova Increases Revenue With Diamond Business Unit

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News clearly travels fast in the world of gem diamonds and it is now an open secret that the Laser MicroJet brings significant benefits to companies cutting (sawing) rough diamonds into polished gemstones. The Laser MicroJet is a unique, wet laser manufactured by Swiss company SYNOVA S.A. and its diamond business unit is showing impressive results in 2013.

Over the past 12 months, orders are significantly up on 2012 and in the past two months alone, SYNOVA has received orders for 10 more Laser MicroJet machines. With more orders in the pipeline, SYNOVA's revenue forecast for 2013 is being adjusted on a monthly basis and manufacturing plans are being put in place to cope with the surge in demand.

The Laser MicroJet lies at the heart of SYNOVA's two diamond cutting systems, the DCS300 for large stones and the smaller DCS150, for stones less than 1.50 carats. By firing the laser down a hair thin jet of water, the cut produced is parallel-sided rather than a V-shape and the water prevents thermal stresses building so reducing the tendency for stressed stones to crack.

These technical benefits are giving diamond factories simpler cutting strategies, reduced polishing times and higher yields: benefits which are providing a sparkling and rapid return on the investment.

SYNOVA has installed a DCS machine in their service and demonstration center in Surat, India and customers both local and international, are encouraged to visit, witness the benefits first-hand and hear how cutting costs can be reduced to their advantage.

Since 1997 Synova SA has pioneered the Laser MicroJet® technology, exploiting the synergy of laser power with water. Synova has an installed base of some 150 systems worldwide and supports customer applications and testing at its headquarters in Ecublens-Lausanne, Switzerland, as well as in well-equipped Micro Machining Centers (MMC) across the globe. Sales and service of its machines is using the established Micro Machining Centers (MMC) infrastructure in addition to sales and service points around the world.

www.synova.ch