



Press Release

Synova SA
Ch. de la Dent d'Oche
CH 1024 Ecublens

Date

Switzerland
Ecublens October 26th, 2010

Contact for further information

Rolf Schmitz

E-Mail

schmitz@Synova.ch
Tel +41 21 6943500

Synova's Laser MicroJet® technology integrated in new POSALUX drilling machines

POSALUX SA Biel-Bienne Switzerland and SYNOVA SA of Ecublens, Switzerland decided to cooperate in the automotive powertrain field, more specifically in hole drilling of gasoline direct injection nozzles in order to propose to the market a mass production equipment, designed, manufactured and sold by POSALUX with the SYNOVA technology inside.

The advantages of the water jet guided laser technology in this application are no continuous focus adjustment needed, heat affected zone avoided due to the water cooling effect, the water jet prevents particle deposition, contamination and burrs, and increased flow precision and low running costs.

POSALUX founded in 1943 is distinguish as one of the leading manufactures of industrial high-performance drilling and routing machines for printed circuit boards and non-ferrous material, supplier of Electrical discharge machining of nozzles for diesel injection and faceting, engraving and milling in the jewellery industry.

SYNOVA founded in 1997, is the world pioneer and patent holder of Laser MicroJet®, a state-of-the-art water jet-guided laser technology that combines the advantages of a laser beam and water to address the exacting manufacturing specifications and low cost-of-ownership (CoO) requirements associated with volume production of semiconductors, flat-panel displays, photovoltaics (solar cells), medical instrumentation, diamond cuttings and automotive devices.

Thanks to this innovative technology, Synova is revolutionizing the engineering playing field and fast emerging as the ideal provider for high-precision laser applications in these core markets.

Synova Laser Technology

Where others see impossibilities, we see solutions