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LACH DIAMANT presents at AMB in Stuttgart

LACH DIAMANT
News - Pressemitteilung - News - Press Release

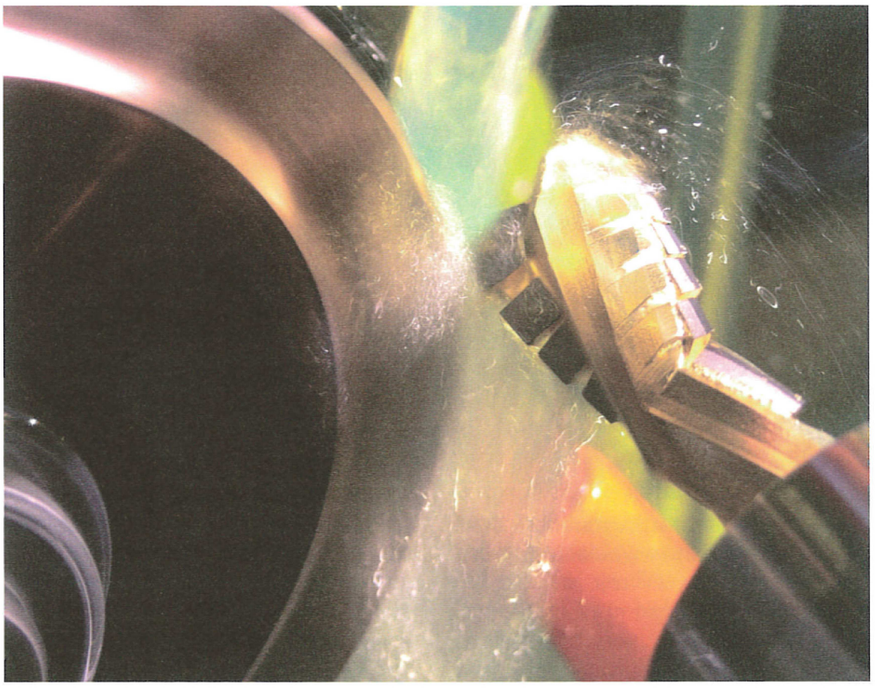
1978 – 2018
Forty Years of Spark Erosion for Successful PCD Machining

The discovery of spark erosion for the efficient forming of polycrystalline diamonds (PCD) in 1978 by Horst Lach marks a milestone in the history of polycrystalline cutting tools.

This brilliant idea sparked the awareness and increasing use of PCD, a newly launched cutting material, on a previously inconceivable scale. Today, in 2018, PCD tools are firmly established within the industry.

Polycrystalline tools are an integral part of aluminium machining in the automobile and accessories industry, in wood and composite machining in the furniture, flooring, and laminate manufacturing industries, as well as in plastic and circuit board manufacturing and other industries.

At LACH DIAMANT, a separate machine engineering department developed from discovering the many possibilities for spark erosion machining of PCD - at first only for on-site use.



PCD milling cutter with extreme axial angles for processing wood and composite materials - precisely sharpened on Dia-2200-mini.

Special model "Dia-contour-profiled" for precise profiling of metal-bond diamond and CBN grinding wheels.

Since the mid-80s, so-called LACH DIAMANT spark erosion machines, type "EDG-plus" were the core business idea for many start-ups who aimed to get into tool manufacturing and servi-cing of diamond tools for the wood and plastic industry - at the beginning mostly in Italy and Spain.

When asked about the great variety of diamond tool manufacturers produced in this manner, Horst Lach can often be heard saying "these are all my children."

At AMB in Stuttgart, LACH DIAMANT presents the universal sharpening machine "Dia-2200-mini", compact and user-friendly for servicing and producing diamond tools in particular, up to a maximum of ø 480 mm for wood and plastic manufacturing - diamond end mills, scoring saws, jointing cutters, profiling tools, saw blades - from individual production to serial production, tooth-by-tooth in automated processes.

www.lach-diamant.de