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Machine Tools, PCD, PVD, CVD, CBN, Hard Metal

“Ideas are still sparkling”

The Hanau entrepreneur *Horst Lach* celebrated his 80th birthday, April 3, 2020

In his 80-years-long life Horst Lach has shown great skill in guiding the company founded by his father in 1922 and taken over by him in the 1960s through times, which have not always been simple. The company developed from a sought-after diamond cutting business in the 1920s into a successful tool manufacturer: *LACH DIAMANT* manufactures globally high-precision diamond and CBN tools and works out suitable tool concepts together with its customers in the automobile, aerospace, wind power, electronic and furniture industries as well as in the mechanical engineering. By now the company has more than 150 employees at the facilities in *Hanau*, Lichtenau near Chemnitz and *Grand Rapids/Michigan*, USA.

Horst Lach proves his skill and intuition for the next necessary step. In now 60 years of service he had a lasting influence on the tool industry with ideas “stepping out of line” and indispensable discoveries. Starting with the development of the first CBN grinding wheels for tool grinding of high-alloy steels, through the use of spark erosion

for the economic machining of super-hard PCD, to the presentation of a complete diamond tool and saw program for the wood industry as the first company worldwide. Horst Lach’s brilliant idea to use “electric spark” as a medium for targeted shaping of super-hard PCD is considered as groundbreaking discovery enabling from that moment the efficient and economical machining of PCD circular blanks. The long list of successful patents and implemented tool solutions gave Horst Lach the name “*pioneer of the diamond and CBN tool industry*”. As an author Horst Lach regularly reports in “hp tooling” about his life full of pioneering discoveries and achievements.



Horst Lach