

Products & Services

Robust, Quick, and Reliable High-Frequency Spindles Are Designed for Precision, Productivity in Demanding Applications



A high-frequency movement system that optimizes deburring efficiency, or a novel engraving spindle offering high rotational speeds and feeds—these are among the capabilities of Alfred Jäger GmbH, which designs high-performance spindles that offer mechanical engineers worldwide advantages in productivity, machining

quality, and reliability. The specialist company supplies an extensive range of robust spindles equipped to satisfy very precise milling requirements, in dry-machining and high-speed-cutting applications as well.

For 40 years, Alfred Jäger has provided innovative spindles for drilling, milling, grinding, and engraving, including equipment suitable for tool and mould making and the machining of synthetics. The German company

manufactures hand spindles, spindles of cylindrical design, and quick-release taper spindles with automatic media coupling. Through aggressive motors, excellent bearing rigidity, high rotational accuracy, and vibration-free operation, its high-frequency spindles have produced outstanding facings and made possible long tool lifetimes

while in permanent operation at maximum rotational speed.

Jäger's high-performance spindles feature external diameters of 33 to 150 mm and various tensioning systems. The standard power spectrum extends from 80 W to 67 kW; greater power is easily implemented on special request.

Everything necessary for manufacturing the spindles is under one roof. The company even develops and manufactures wear- and maintenance-free three-phase asynchronous motors and frequency converters. Since Jäger is not dependent on outside suppliers, it can produce spindles with special requirements rapidly and flexibly.

Operating through 21 sales and service agencies worldwide, the company is always close to its customer. Its special capabilities include the upgrading of old machines with up-to-date spindle technology and the calibration of foreign frequency converters to Jäger spindles.

Alfred Jäger GmbH

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