



Over 30 years experience in High Speed Cutting

For over 30 years, IBAG has been a pioneer in the high-speed cutting process. IBAG offers a full line of motor spindles, suited for most applications. A selection of small sized spindles used for fine milling, drilling, and engraving are available. In addition, a wide assortment of large, powerful spindles are offered for heavy milling and for CNC machining centers. High speed cutting of mold and dies as well as automotive, transferline, aerospace, aircraft and small job shop applications are all possible with IBAG spindles. The benefits of high speed machining are well known today, and IBAG delivers a proven solution including the highest technology in spindle design. IBAG provides components or the complete system, including drives, lubrication and spindle cooling. High productivity options are also available to provide the best accuracy, reliability, and quality possible. With high speeds, high power, high torque, and the complete support of a world wide service organization you can trust IBAG to be your productivity partner. With over 30 years of experience and worldwide support in HSC-Technology, we are the experts ...

... IBAG of course

Comprehensive Knowledge in High Speed Cutting



The Ultimate Spindle

for Your Machining Center

Increase Power, Productivity, Efficiency, and Profits

IBAG's Large Sized Motor Spindles

These spindles are built for use in mid to large sized horizontal and vertical machining centers, large bridge type mills and multi-spindle CNC machines.

Type	rpm	kW	Nm	Clamping
HF170	30'000	26	38	HSK63
HF210	24'000	30	80	HSK63
HF230	24'000	35	118	HSK63
HF250	15'000	40	222	HSK100
HF260	12'000	45	350	HSK100
HF285	12'000	50	350	HSK100
HF300	10'000	80	380	HSK100

Each large spindle is available with various motor specifications, using both AC and DC technology. (See page 4 for details.)

Powerful spindles are typically used for large parts manufacturing, heavy mold and die cutting, and automotive parts production. They are ideal for aircraft applications with high material removal rates in aluminum, High Speed Cutting of titanium, carbon fiber composites and plastics. Many of these spindles are used in automotive transfer lines in production at companies like Peugeot, Renault and BMW.

These powerful and high torque spindles are used for roughing, semi finishing and super finishing work. IBAG supplies one spindle type for all your needs.



5 axis machining with HF 230



Mold & Die work with HF 170



Horizontal MC with HF 230



Horizontal MC with HF 250

Service and Support



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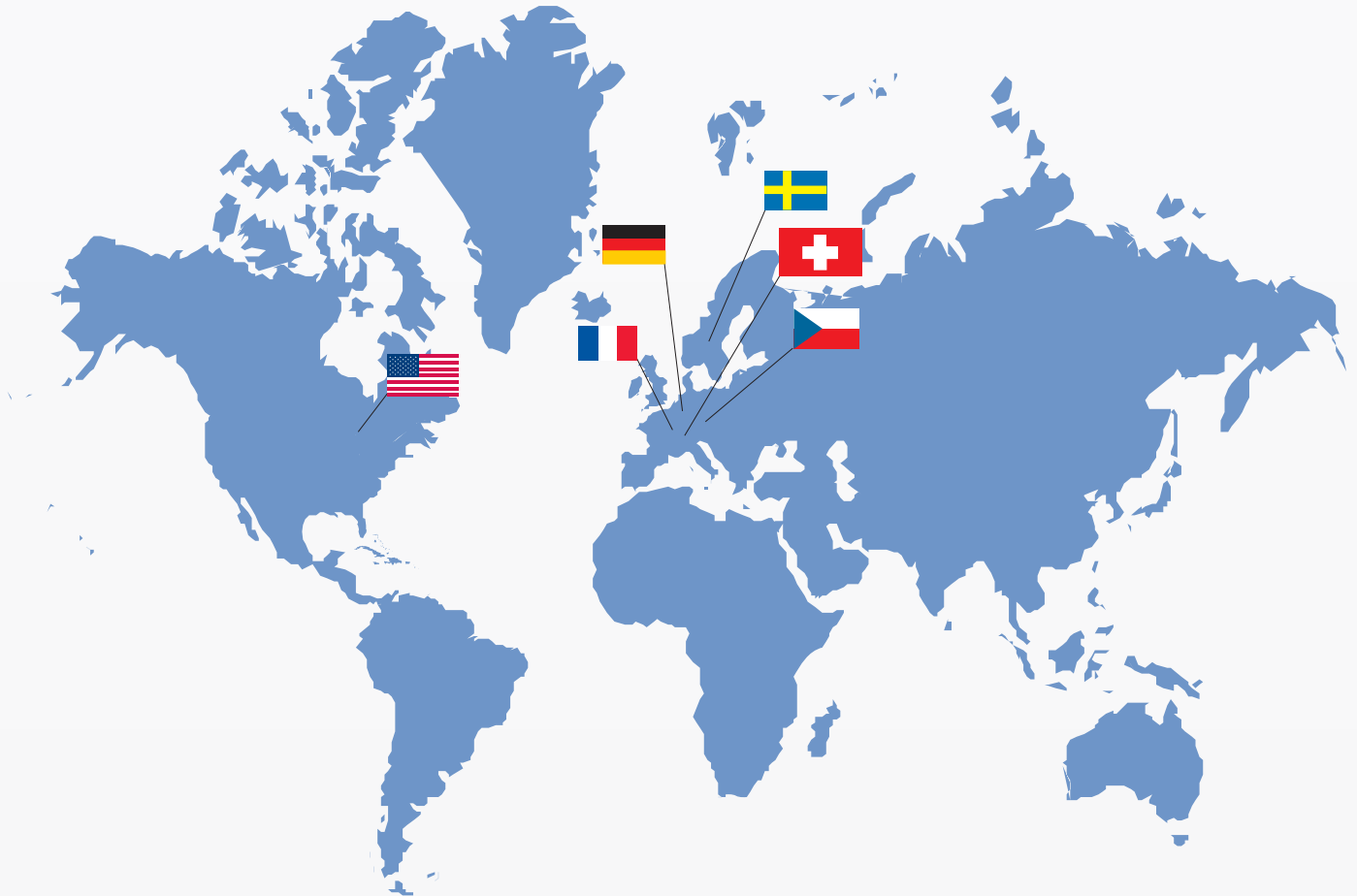
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