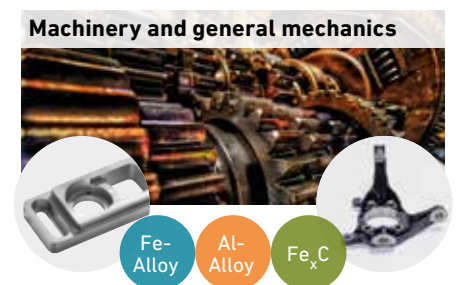
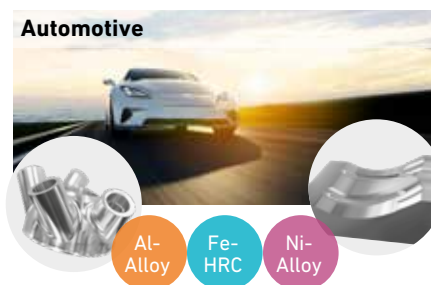


Step-Tec

HPC 240

milling and mill-turning spindle platform



We care about your challenge...



- Cost efficient single-touch machining
- Reliable productivity over long machining period
- Stable precision inspite of dynamic machining



- Thermal stability inspite of relative high speed machining
- Reliable tool path despite of machining efforts

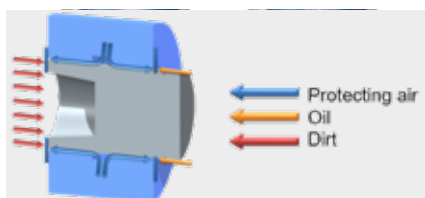


- Spindle/part contamination by process
- Thermal stability inspite of high power machining
- Process compliance despite of tough material



- Critical downtime due to high fix costs
- Process compliance despite of hard/tough material
- Thermal stability inspite of high power machining

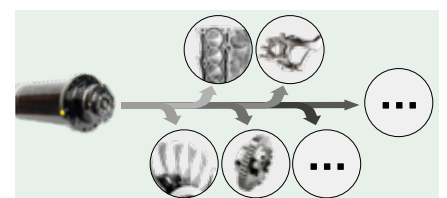
... and provide you the right solution



Broaden your range of application. Machine dirt- or oil sensitive material like composite without risk thanks to our Twin Air Sealing System (TAS).

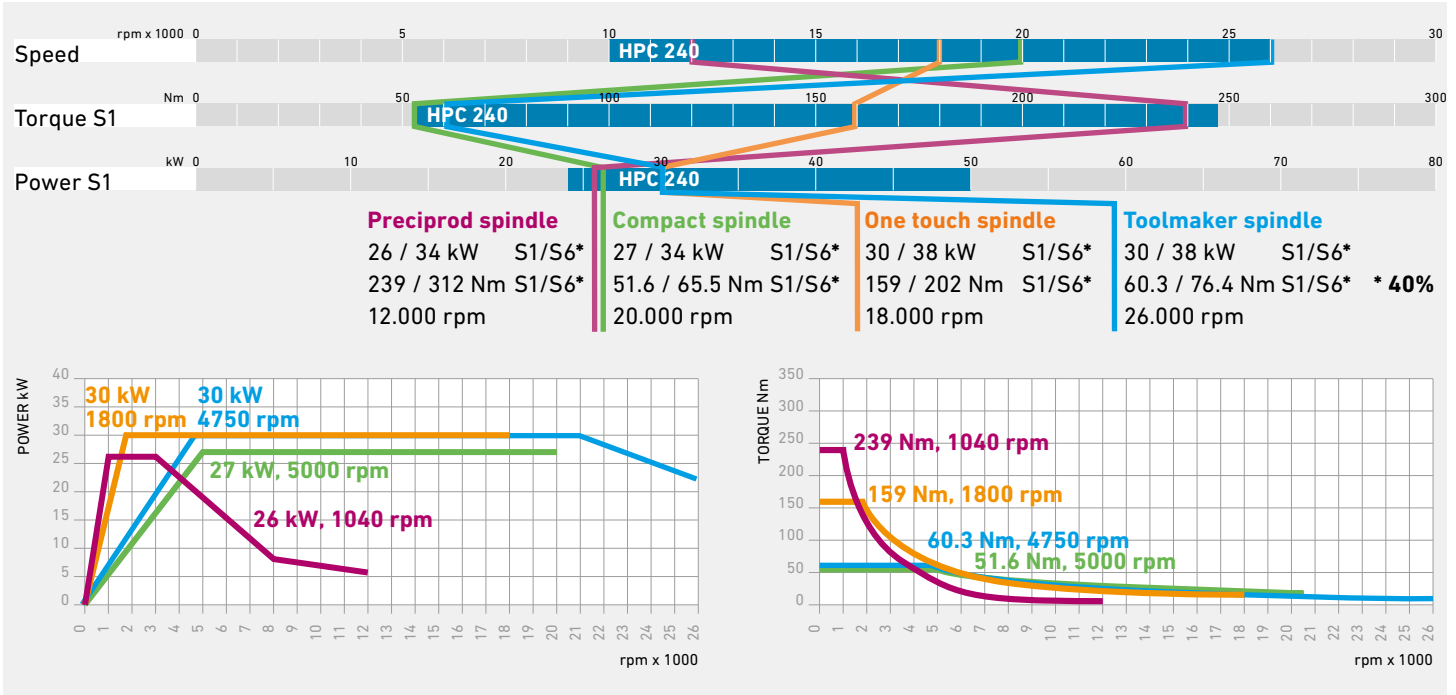


Boost your go to market efficiency thanks to our engineering experience and support for complete solutions (tilting head, FEM).



Business development opportunities at reduced cost of integration with a platform range from 279 to 512 Nm (S1).

Step-Tec HPC 240



Monitoring options:

- Compensation
- Spindle status (T °C, \vec{a})
- Spindle Monitoring Software
- Spindle Diagnostic Software



Technical specifications:

- Acceleration to n_{max} within 2.5s
- Lubrication: oil-air, grease
- Encoder 1Vpp Incr. 256/407
- Weight: 96-152kg
- Shaft cooling CoolCore (option)
- Optional spindle shaft interlock (SSL) 500/800Nm
- Process control via Profinet/Profibus
- HSK-A/T63, HSK-A/T100, ISO-B40
- Through spindle cooling O, H₂O, oil

• Platform-based specific solution upon your requirements

Customer Services



SEP Spindle Exchange Program

Highest availability and lowest capital commitment through factory-overhauled exchange spindle delivered within 24h in Europe (48h worldwide).



SFR Spindle Factory Repair

Cost-optimized repair with excellent quality, original parts and manufacturer warranty.



SOM Spindle Onsite Maintenance

Commissioning support, diagnosis, troubleshooting and exchange of wear parts.