



YOUR spindle manufacturer

SPINDLES



GST Motor spindles

- Grinding spindle with **Siemens kit motor**
- Spindle power **10-100 kW, 12-200 Nm**
- Preloaded **precision angular ball bearing (hybrid bearing)**
- **Air-oil lubrication** and **water cooling**
- Maximum speed **5,000 1/min**
- Designed for tool weights of **20-500 kg**
- Incl. **toothed wheel encoder** for control and speed monitoring
- Can be used for **both directions** of rotation
- Tool holder designed as **backlash-free short taper**, customised holding fixtures possible
- Attachment option for **automatic balancing system**
- Optional for **lower speeds with grease lubrication**
- Can be optionally equipped with various **sensors** (bearing monitoring)
- **Grinding wheel adapter for concentricity adjustment** possible as accessory

GST Dressing spindles

- Dressing spindle with **Siemens kit motor**
- Spindle power **7.4 kW, 4.5 Nm**
- Preloaded **precision angular ball bearing (hybrid bearing)**
- **Lifetime grease lubrication** and **water cooling**
- Maximum speed **16,000 1/min**
- Incl. **toothed wheel encoder** for control and speed monitoring
- Can be used for **both directions** of rotation
- Tool holder also possible on **both sides**
- **Attachment option** for **incision detection** integrated in the spindle
- Media supply via the **spindle housing**
- Optional: Dressing spindle with **cylindrical housing Ø 120 mm** for use in customised spindle carrier
- Optional: Dressing spindle designed as a **block spindle**