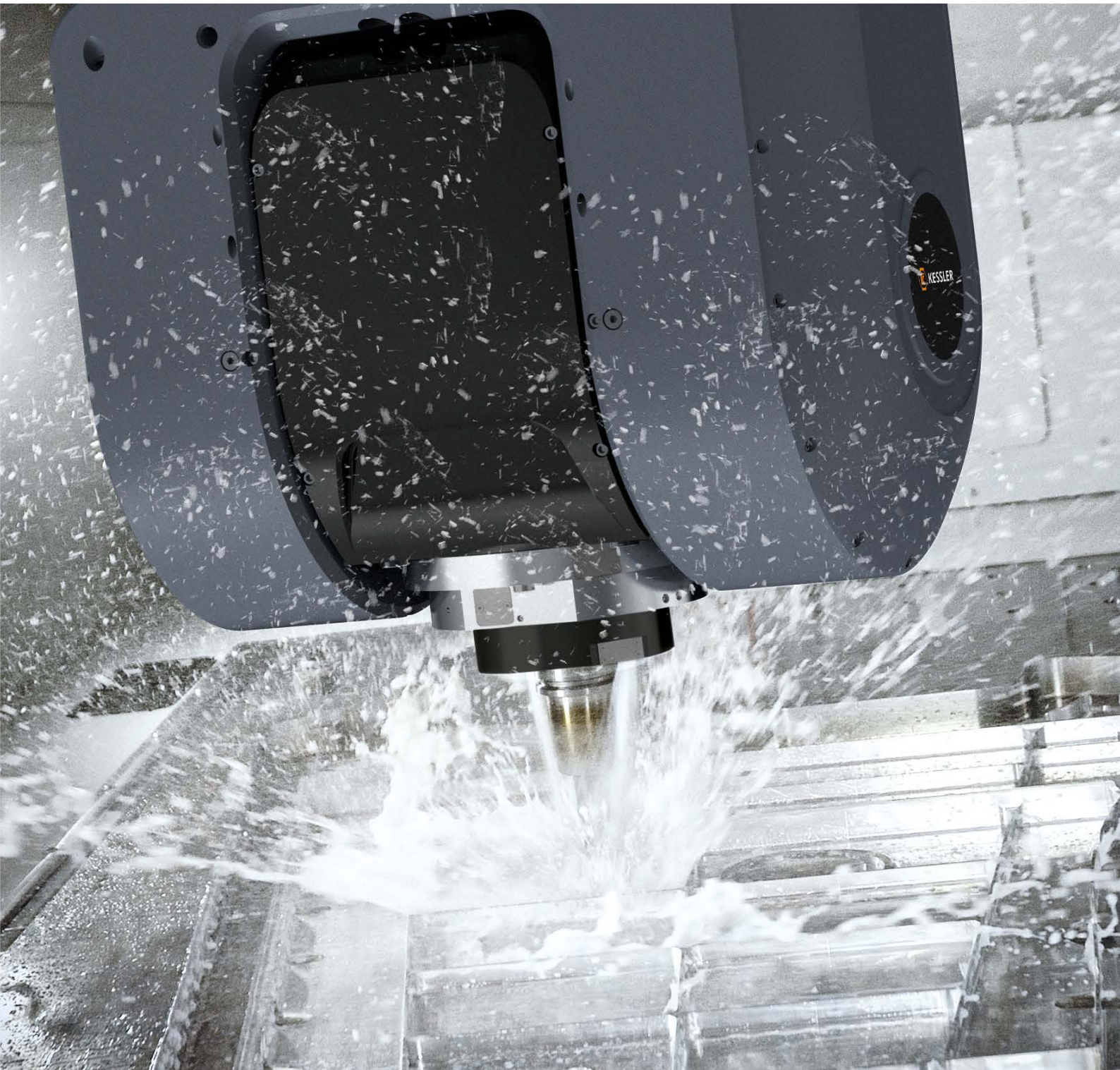


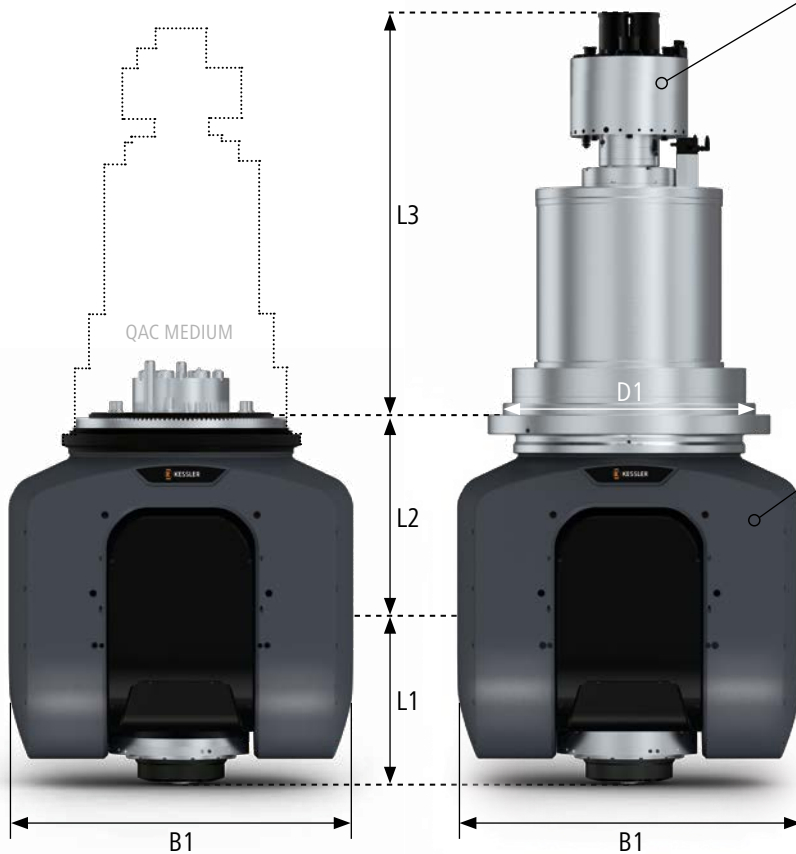
HEAD LINE/MEDIUM 2AH

High-efficiency machine



SPINDLE TECHNOLOGY | **SYSTEM TECHNOLOGY** | DRIVE TECHNOLOGY | SERVICE SOLUTIONS

HEAD LINE / MEDIUM 2AH (QAC)



MEDIUM 2AH (QAC)

MEDIUM 2AH

C-axis (turning axis)

- Torque S1: 2,500 Nm
- Maximum torque: 5,700 Nm
- Clamping: hydraulic
- Clamping torque: 12,500 Nm
- Tilting angle: $\pm 360^\circ$
- Measuring system: absolute
- Accuracy of measuring system: $\pm 2.8''$

A-axis (tilting axis)

- Torque S1: 2,200 Nm
- Maximum torque: 4,400 Nm
- Clamping: hydraulic
- Clamping torque: 7,400 Nm
- Tilting angle: $\pm 110^\circ$
- Measuring system: absolute
- Accuracy of measuring system: $\pm 2.8''$

All 2AHs available with automatic Quick Axis Change (QAC) or as 1AH with solid screw-on flange available.

Dimensions (mm)		large fitting	small fitting
Fitting diameter of C-axis	D1	540	480
Fitting depth of C-axis	L3	865	865
Collision circle C-axis	D2	820	820
Width of A-axis	B1	730	730
Depth of A-axis	T1	500	500
Projection length of A-axis	L2	485	485
Vector length	L1	300 (HSK 100)	
Gross weight	kg	1,370	1,340



Options

A-axis

- + **With one motor**
Torque S1: 1,100 Nm
Maximum torque: 2,200 Nm
- + **Pneumatic clamping**
with safety function
Clamping torque: 6,936 Nm
- + **Measuring system**
with enhanced accuracy $\pm 2.0''$
for use with all standard control systems
- + **Leakage monitoring**

C-axis

- + **Pneumatic clamping**
with safety function
Clamping torque: 9,900 Nm
- + **Measuring system**
with enhanced accuracy $\pm 2.0''$
for use with all standard control systems
- + **Horizontal or vertical installation position**



Motor spindles

Model	Max. speed (rpm)	S1		S6 / 40 %		S6 / 25 %		S6 max.		
		Torque (Nm)	Power (kW)	Torque (Nm)	Power (kW)	Torque (Nm)	Power (kW)	Torque (Nm)	Power (kW)	
MT400-S15	15,000	315	87	365	87	375	87	390	87	High speed*
MT400-S12	12,000	500	75	635	75	670	75	700	75	High torque*

*Availability on request

Quick Axis Change (QAC) Automatic A-axis change

QAC enables uncompromising roughing and finishing with one single machine. The head kinematics remains unchanged. Since the projection length of the A-axis (L2) is the same, no working space is lost in the machining area.

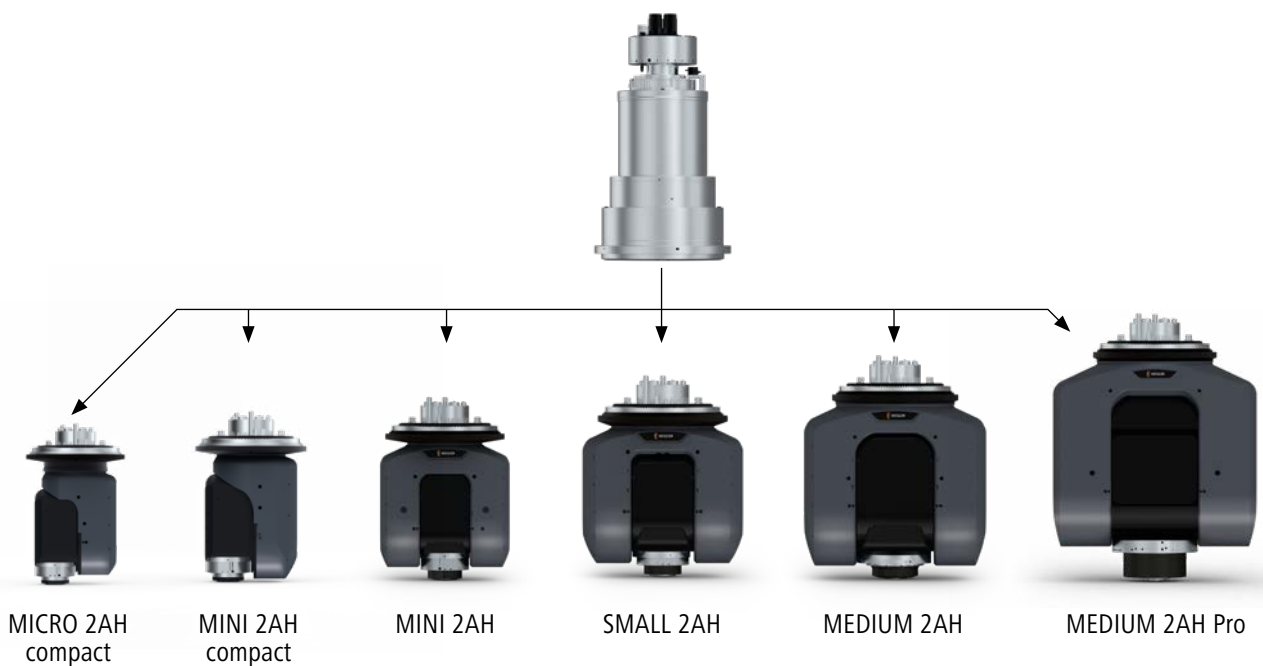
C-axis with changing interface for replaceable heads

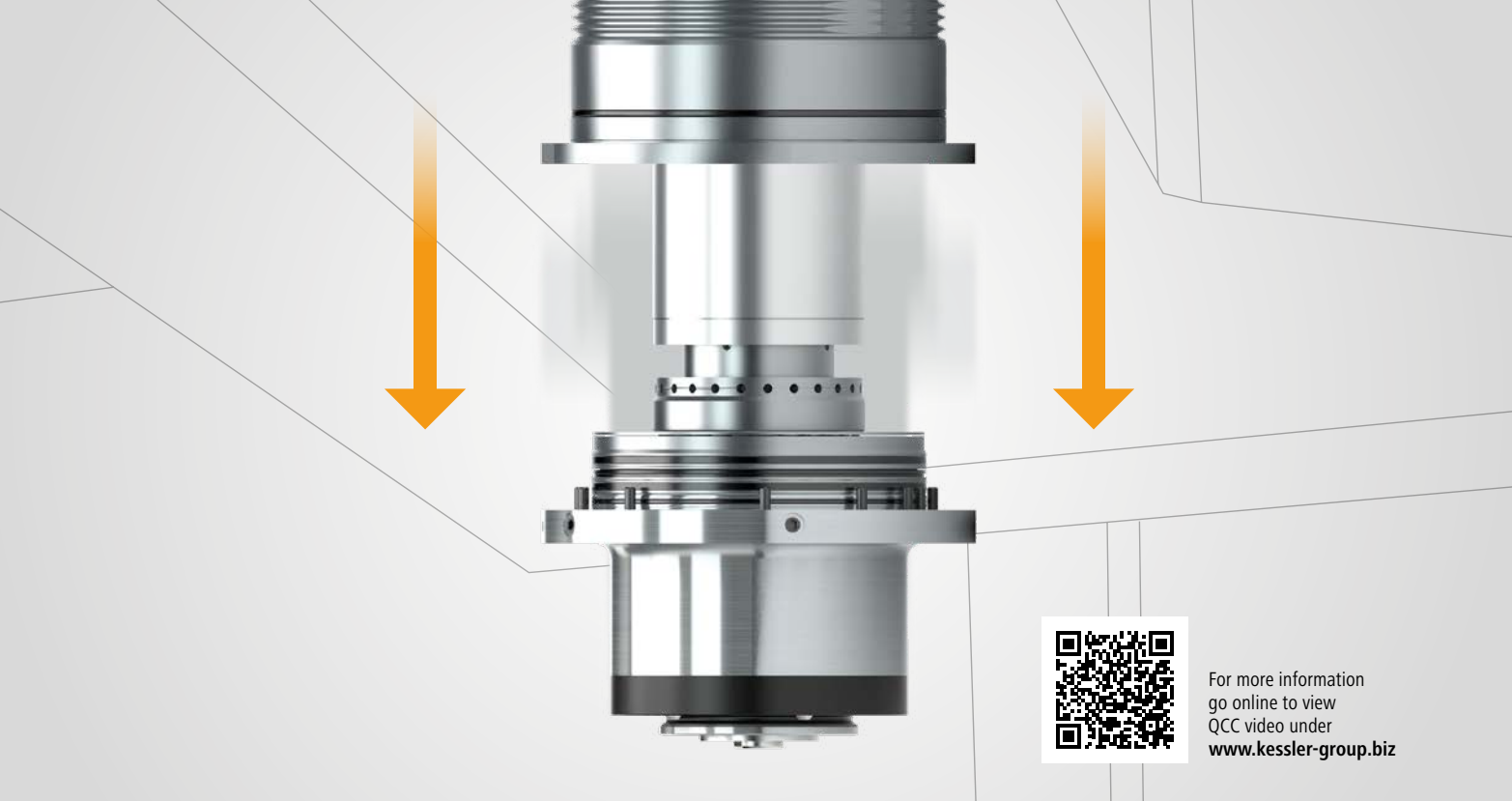
QAC MEDIUM

- Torque S1: 2,500 Nm
- Maximum torque: 5,700 Nm
- Clamping: hydraulic
- Clamping torque: 12,500 Nm
- Tilting angle: $\pm 360^\circ$
- Measuring system: absolute
- Accuracy of measuring system: $\pm 2.8''$

Options

- + **Pneumatic clamping**
with safety function
Clamping torque: 9,900 Nm
- + **Measuring system**
with enhanced accuracy $\pm 2.0''$
for use with all standard
control systems

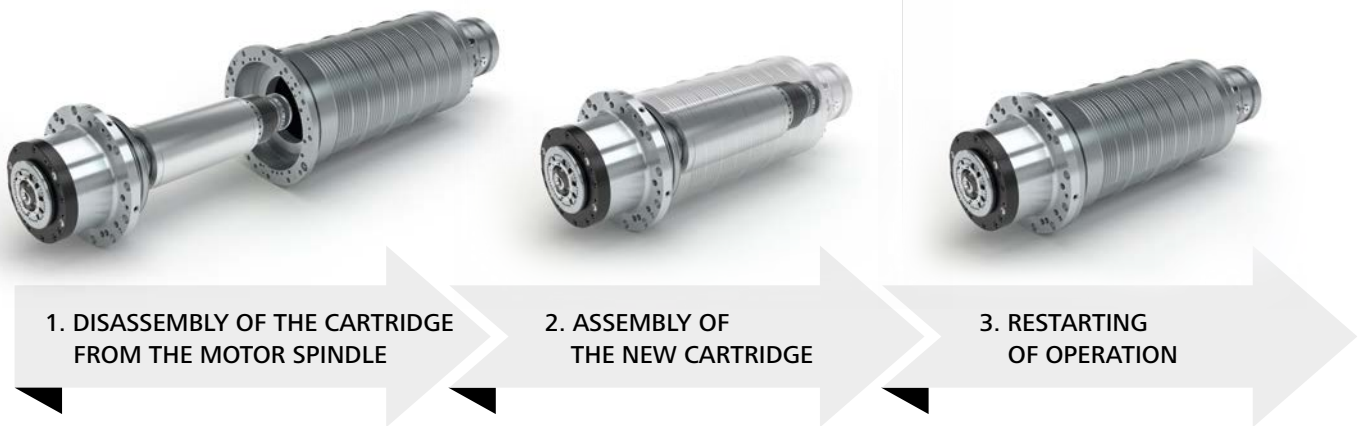




For more information
go online to view
QCC video under
www.kessler-group.biz

The built-in spindle housing remains in the headstock of the machine during the replacement procedure

Quick Connect Cartridge (QCC)



1. DISASSEMBLY OF THE CARTRIDGE FROM THE MOTOR SPINDLE

2. ASSEMBLY OF THE NEW CARTRIDGE

3. RESTARTING OF OPERATION



Fast replacement of rotor shaft, front/rear bearing and power drawbar on-site



Reduces TCO (Total Costs of Ownership)

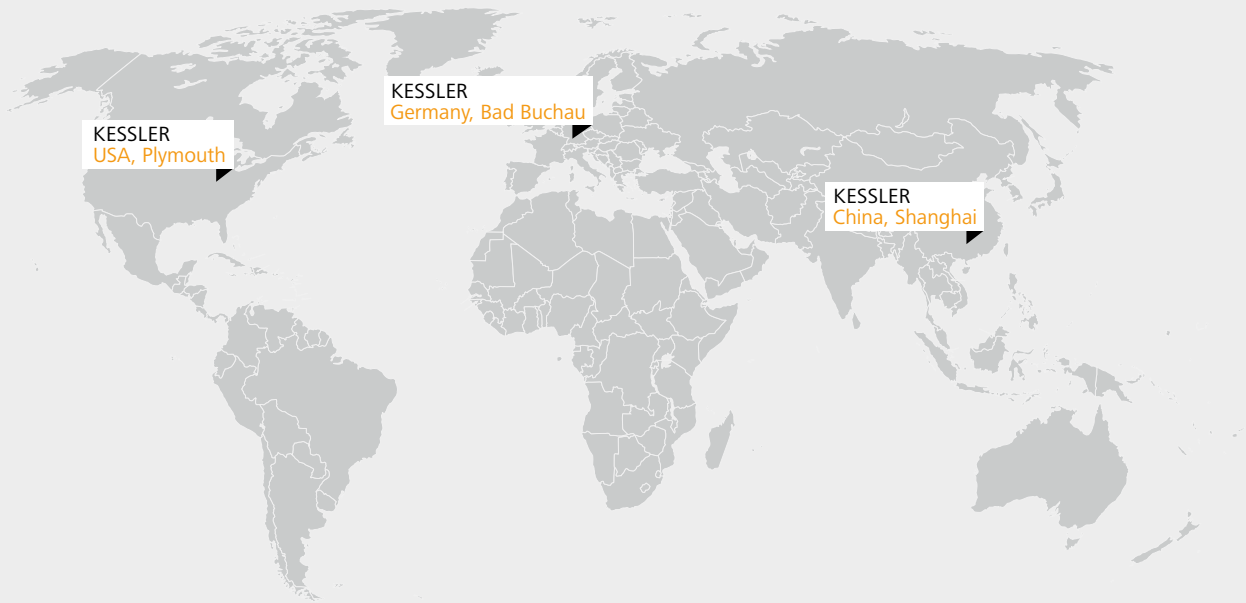


Reduces machine downtime



No electrician needed

Operating Worldwide for our Customers



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