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A large industrial deep hole drilling machine, model B80-2000, is shown in a factory setting. The machine is a long, dark grey structure with a horizontal beam and various mechanical components. It is situated in a well-lit industrial environment with blue structural beams and yellow overhead lighting. The machine is positioned on a concrete floor, and other industrial equipment is visible in the background.

**BTA – Deep Hole Drilling Machine
B80-2000 (#702)**

Modularity. Performance. Precision.

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B80-2000 with conversion kit for gundrilling



Modularity. Performance. Precision.

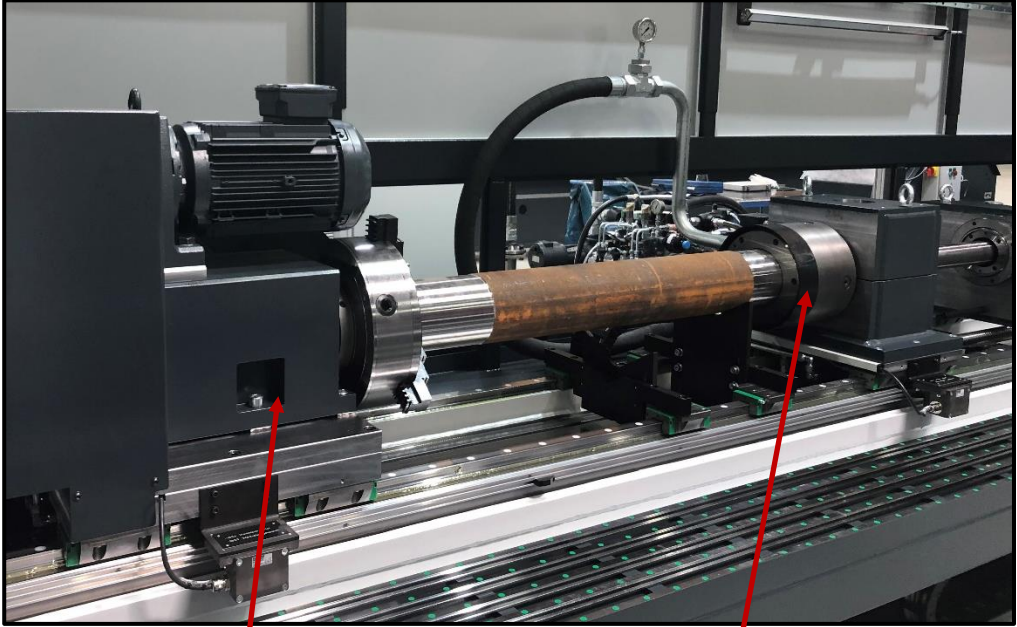
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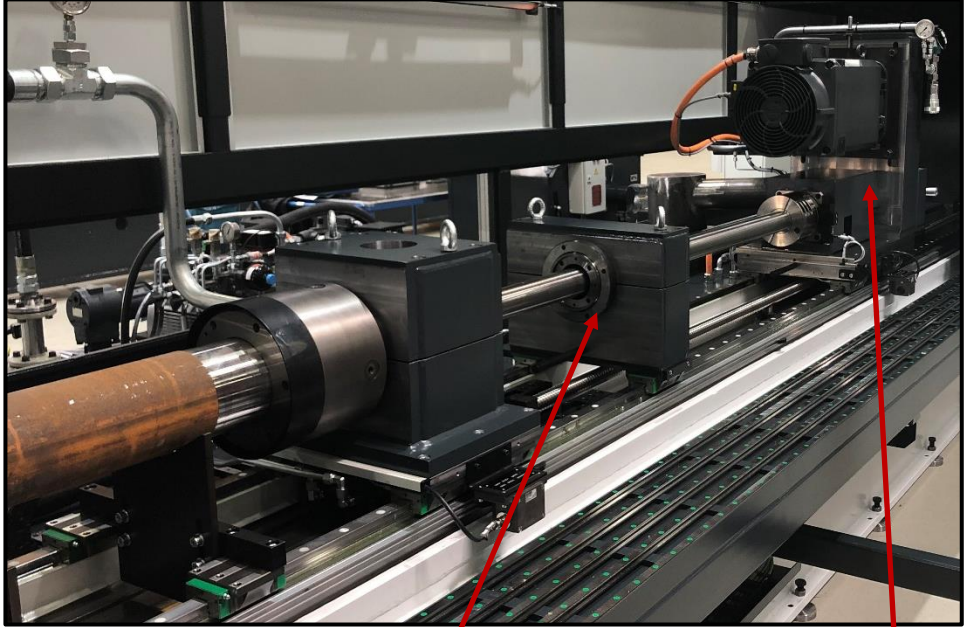
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Rotating clamping tailstock incl. 3-jaw chuck Ø315mm

Coolant pressure head (BOZA)



Pneumat. vibration damper

Drill spindle unit

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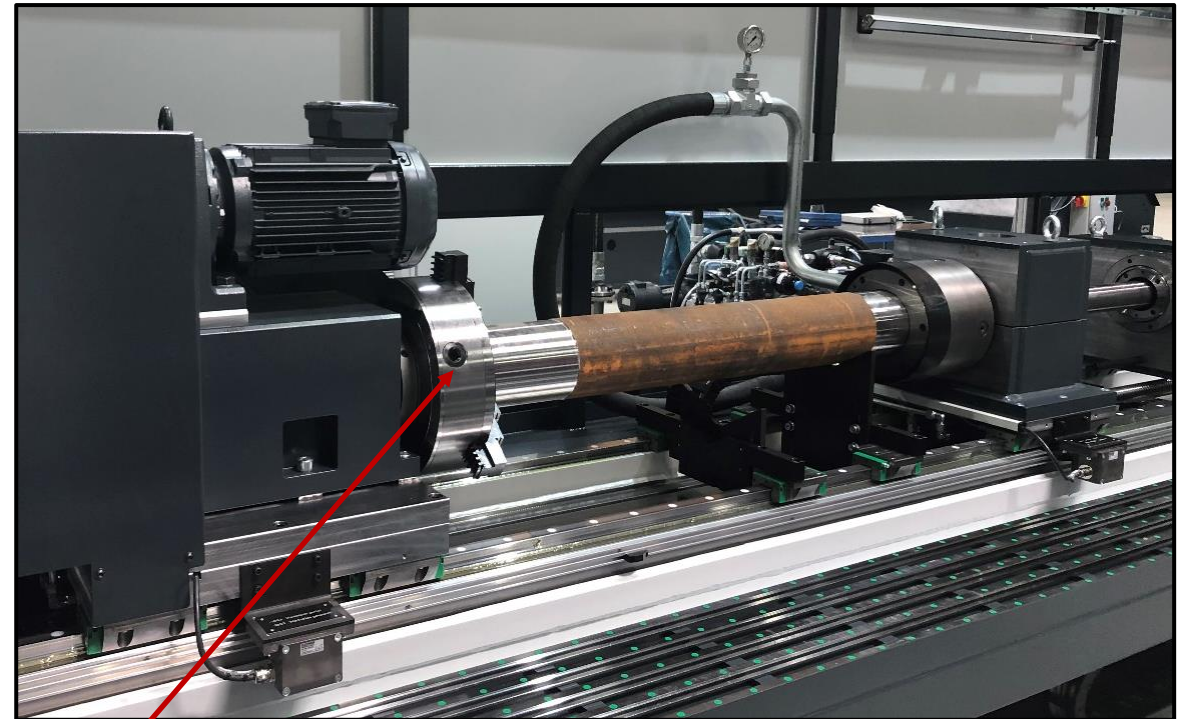
B80-2000 with conversion kit for gundrilling – possible machine configurations

Centric holes (BTA system)

- rotating tool + non-rotating workpiece
- rotating tool + counter-rotating workpiece

Centric holes (gundrilling system)

- rotating tool + non-rotating workpiece
- rotating tool + counter-rotating workpiece



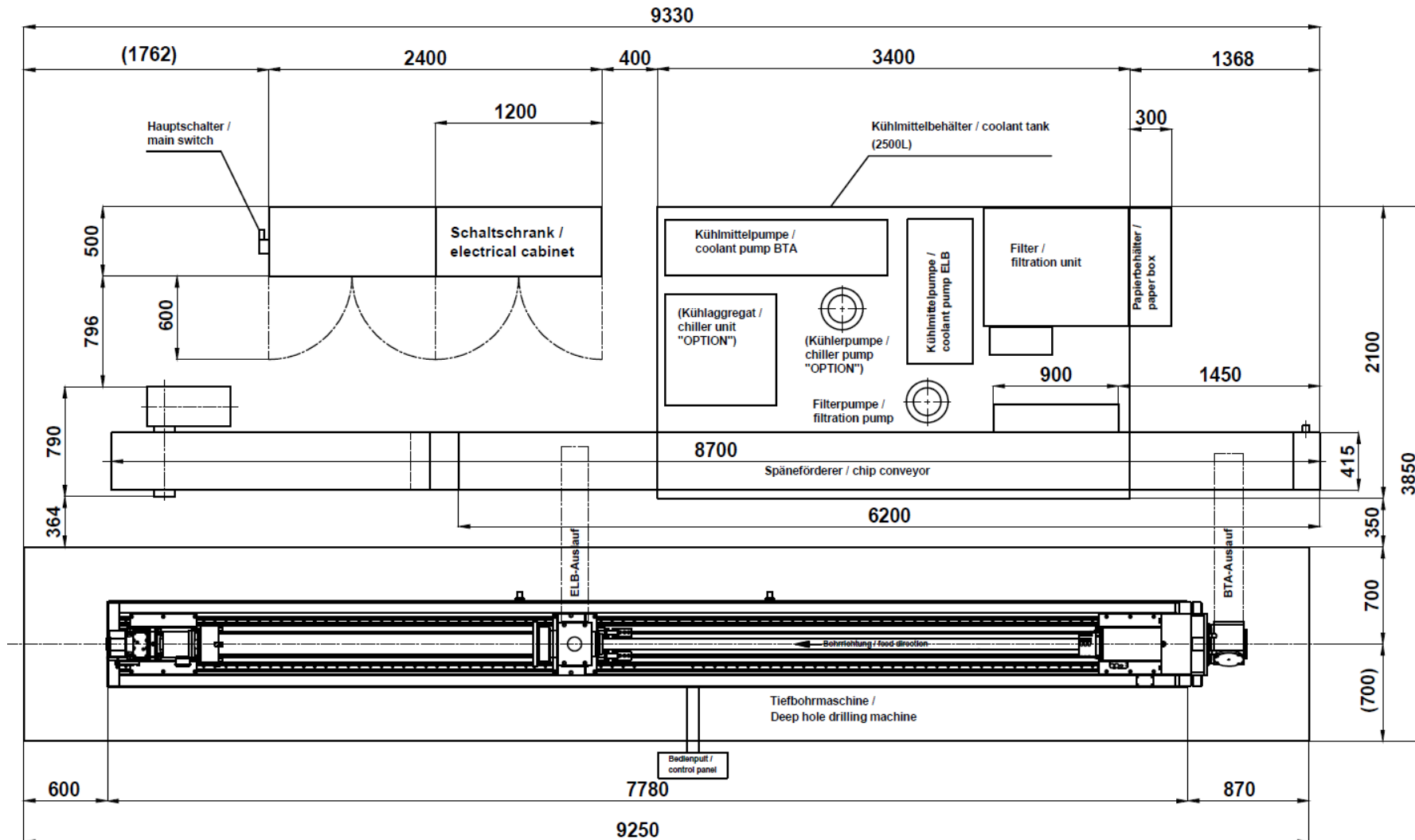
Clamping of the workpiece in the rotating clamping tailstock

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Technical data B80

System BTA		 B80	 B125	 B160	 B250
Vollbohr-Ø Drilling Ø	mm	10 – 80*/**	25 – 125**	25 – 160**	50 – 250
Aufbohr-Ø max. Counter-drilling Ø max.	mm	100	200	250	400
Bohrtiefe max. Drill depth max.	mm	4.500	12.000	12.000	12.000
Werkstück-Ø max. Workpiece Ø max.	mm	500	630	630	825
Drehmoment Torque	Nm	600 bei $n=140^{-1}$	2.000 bei $n=180^{-1}$	4.000 bei $n=90^{-1}$	7.500 bei $n=90^{-1}$

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**Do you have questions?
Please contact me at any time!**

Volker Kunze
Phone +49 7121 99426-14
Mobile +49 173 638 8933
kunze@tibo.com
www.tibo.com

