

BUCKUHLY

DEEP-HOLE DRILLING CENTERS

New **dimensions** in deep-hole drilling and milling

Four-sided machining without shifting

Large capacities for small space requirements due to a compact machine concept

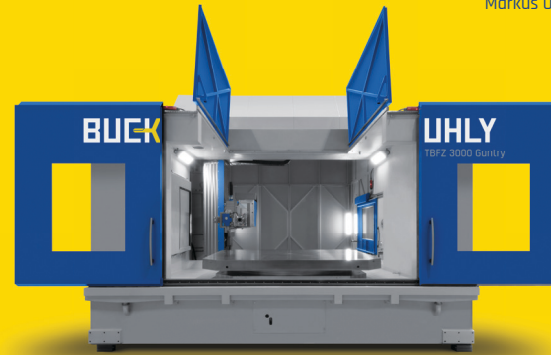
Highest precision, automation and efficiency

Cran hook machine - no foundation/base needed

MADE
IN
GERMANY

“THERE IS NO **MACHINE**,
UNLESS YOU **BUILD IT.**”

Markus Uhly



BUCKUHLY not only offers you machines, but the total deep drilling competence. We offer you both customer and work-piece specific analysis as well as advice on tool technology and application use on-site.

The unique diversity of the model ranges offers the most suited and best solution to economic deep drilling and milling processing for any cubic area of workpieces. Because of our highly technical and innovative competences we are also able to develop machine solutions tailored to the customer.

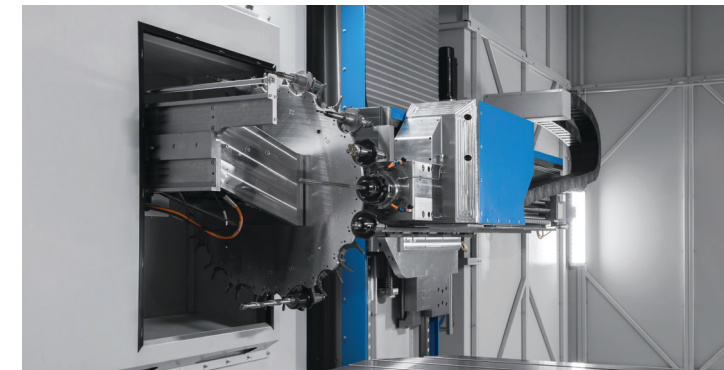
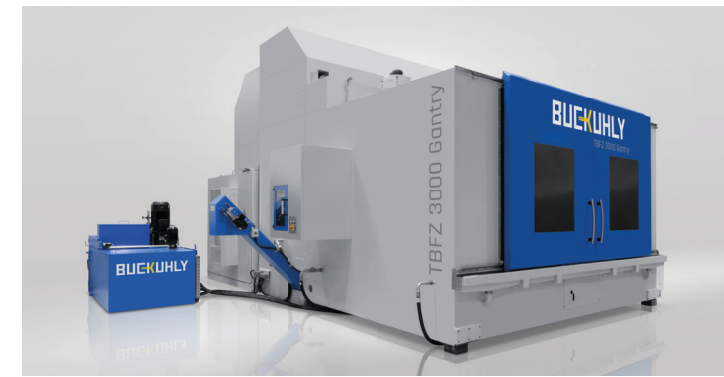
BUCKUHLY

manufactured by  UHLY

Uhly GmbH
Obersülzer Str. 41
D-67269 Grünstadt

☎ +49 (0) 63 59 - 93 87-0
✉ +49 (0) 63 59 - 93 87-20
✉ info@uhly-technik.de

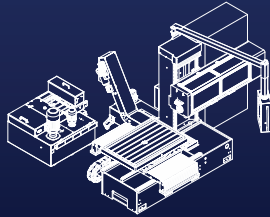
www.buckuhly.de



Two names – one brand – one aim

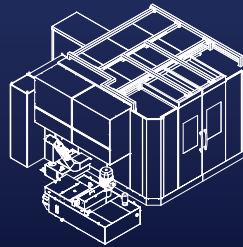
TB Standard series

Stable, easy-to-operate CNC deep drilling machine with cross table design



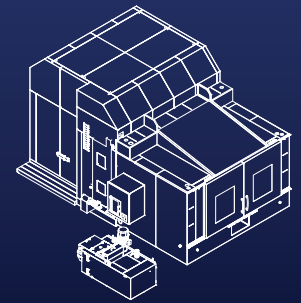
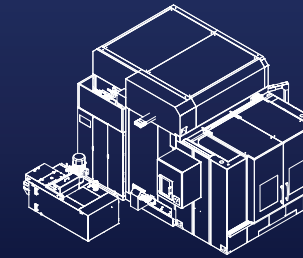
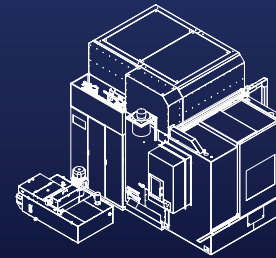
TBF compact series

Stable, precise and efficient CNC deep drilling milling machines with cross table design



TBFZ-G Gantry series

Universal, high-performance and innovative CNC deep drilling milling machines with gantry design



BUCKUHLY	TB 1050	TBF 1050 / 1400	TBFZ-G 1200	TBFZ-G 2000	TBFZ-G 3000
Drill diameter	3-25 mm with single-lip-drilling	3-32 mm with single-lip-drilling	3-32 mm with single-lip-drilling/BTA	3-60 mm with single-lip-drilling/BTA	3-60 mm with single-lip-dr./BTA
Drill depth in one move (mm)	810 with additional drill 1.200	1.000 with additional drill 1.400	1.000 with additional drill 1.500	1.500 with additional drill 1.900	2.000 with additional drill 2.500
Tapping	Up to M20 - larger when milling	Up to M20 - larger when milling	Up to M24 - larger when milling	Up to M36 - larger when milling	Up to M36 - larger when milling
Tool changer	Manual	25 times	25 / 40 / 60 times	20 / 40 / 60 / 80 times	20 / 40 / 60 / 80 / 100 times
Shaft absorption	SK 40 or HSK 63	SK 40 or HSK 63	SK 40 / 50 or HSK 63 / 100	SK 40 / 50 or HSK 63 / 100	SK 40 / 50 or HSK 63 / 100
Driving power	5,5 kW / duty cycle 100	7,5 kW / duty cycle 100	10 kW / duty cycle 100	24 kW / duty cycle 100	24 kW / duty cycle 100
Measuring range X (horizontal)	1.050 mm	1.050 mm / 1.400 mm	1.200 mm	2.000 mm	3.000 mm
Measuring range Y (vertical)	800 mm	800 mm	1.000 mm	1.200 mm	1.500 mm
Table load	Up to 2.500 kg	Up to 5.000 kg	Up to 10.000 kg	Up to 15.000 kg	Up to 30.000 kg
Table size	1.000 x 1.500 mm	940 x 1.040 mm	1.100 x 1.200 mm	1.500 x 1.800 mm	2.300 x 2.700 mm
CNC rotary table	0-360° manual	CNC axis 0-360°	CNC axis 0-360°	CNC axis 0-360°	CNC axis 0-360°