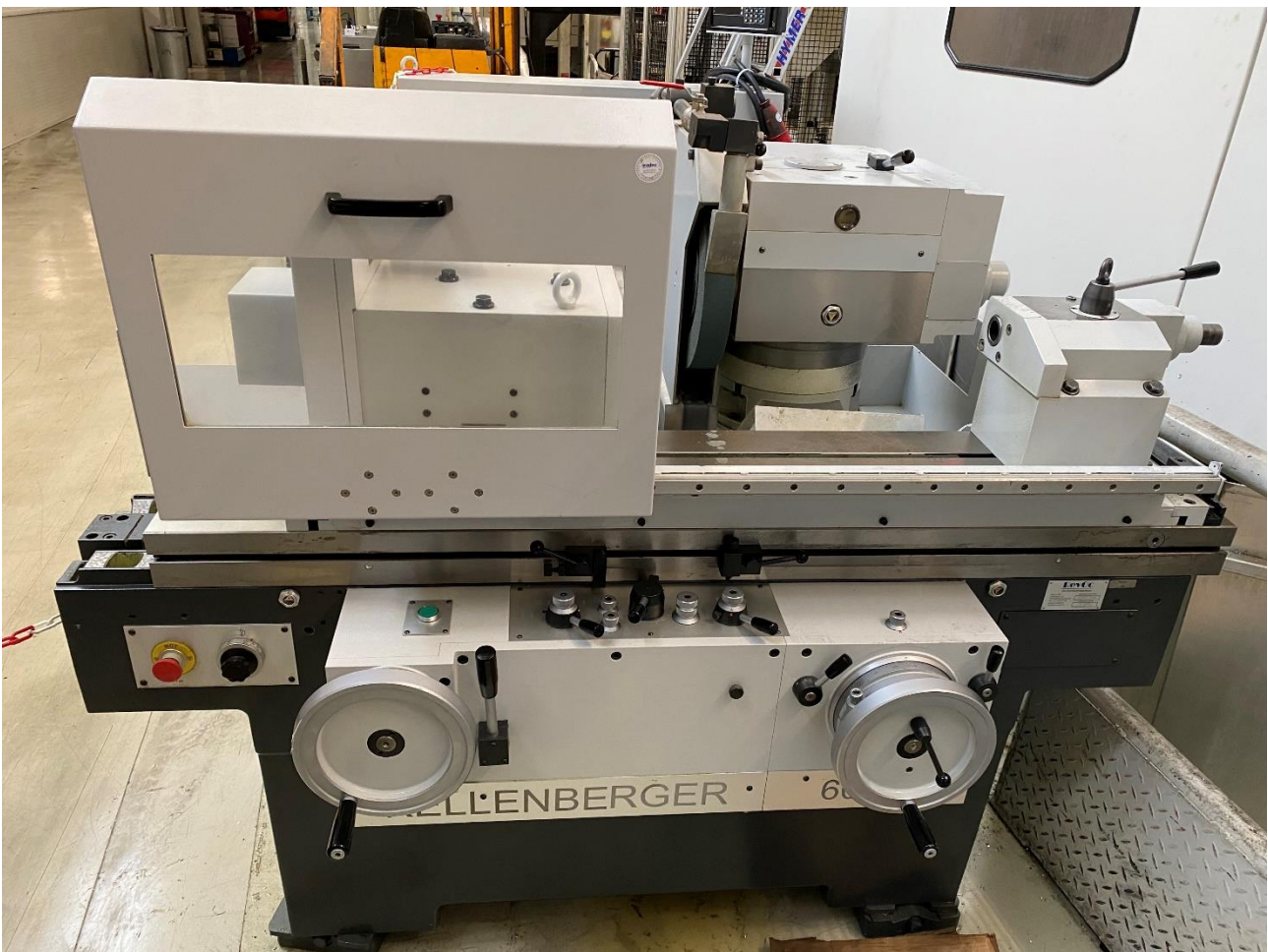


TECHNICAL DATA

Universal cylindrical grinding machine - geometrically overhauled

manufacturer	KELLENBERGER
type	600U - 125
built/retrofit	1980/2018



Working area

Max. Peak width	600 mm
Max. Workpiece Ø	249 mm
Peak height	125 mm

Technical data KELLENBERGER,600U - 125,

Built/Retrofit 1980/2018

Table

Max. Travel	900	mm	
Travel per handwheel rotation coarse/fine	20 / 2,5	mm	
Hydraulic speed	0,02 - 6	mm/min	stepless
Min. reversing distance	2,5	mm	
Holding time during reversing	0 - 5	sec	stepless
Swivel range	11	°	

Cross slide

Max. Travel	285	mm	
Travel per handwheel rotation coarse/fine	4 / 0,5	mm	
Rapid flow and -return hydraulically	40	mm	
Hydraulic feed	0 - 0,95	mm/Ø	
Micro stop of the feed	0,001	mm	per graduation mark
Infeed grinding: Infeed speed coarse/fine	0,25 - 25	µ/sec	
Longitudinal grinding: Infeed amounts per table reversal left, right or both sides coarse/fine	1 - 30	µ	

Grinding wheel

Max. Dimension	Ø1400x50x127	mm	
Grinding wheel speed	1.000 – 1.530	min-1	stepless
Speed control via frequency converter	YASKAWA		New in 2018

Tailstock

Taper	MK 3	
Pinole way	30	mm
Pinole-Ø	50	mm

Workpiece spindle

Taper	MK 5	
Speed range workpiece	20 - 400	min-1
Swivel range	360	°

Technical data KELLENBERGER,600U - 125,

Built/Retrofit 1980/2018

Machine dimensions

Space requirement l x b x h	2,8 x 2,0 x 1,5	m
Weight	2.650	kg

Equipment & Accessories

Scope of geometric retrofit in 2018:

- Slideways of X- and Z-axis regrinded, intertable and top table regrinded
- Centre height of headstock and tailstock readjusted
- Machine checked from the bottom up and rebuilt
- Drives for workpiece spindle and grinding wheel renewed with YASKAWA frequency converter
- Wearing parts replaced
- New machine painting in two-layer-structure with oil-resistant and abrasion paints, Color RAL 7035 lightgrey and RAL 7016 anthracite