



# broachLine BGS

BROACH SHARPENING



WORK PIECES UP TO  
2000 × 200 MM [L × D]



## SHARPENING OF ROUND AND FLAT BROACHES

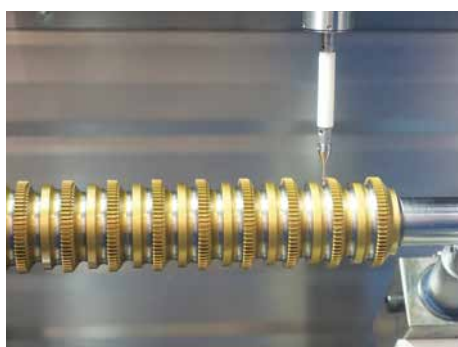
- ✓ Efficient and economic sharpening of broaching tools
- ✓ Short retooling times between cylindrical and flat work pieces
- ✓ Touch probe to measure raw part
- ✓ Easy to program through parameter input

FLEXIBLE CONCEPT FOR STRAIGHT AND HELICAL WORK PIECES



## broachLine BGS – BROACH SHARPENING

- ✔ Flexible machine for sharpening of straight and helical broach tools
- ✔ Touch probe for quick and easy measuring of the tool geometry before sharpening
- ✔ Additional swivel axis for helical tools
- ✔ Siemens SINUMERIK ONE
- ✔ Special Software package for sharpening broaches
- ✔ Traveling table design machine
- ✔ Two table drive systems: Ball screw or linear motor
- ✔ Dressing spindle on the work table as option



Work piece measuring



Helical broaches



Sharpening process

### TECHNICAL DATA

broachLine BGS (STRAIGHT)	BGS 2000S-T	BGS 2500S-T
Table drive X-axis	KGT*	KGT/LIM*
Distance between centers [mm]	2000	2500
Center height [mm]	280	280
Work piece diameter [mm]	10-200	10-200
Spindle power [kW]	20	20
Grinding wheel [mm]	40-200 x 50	40-200 x 50
Sharpening angle [°]	+90 / -15	+90 / -15
broachLine BGS (HELICAL)	BGS 2000H-T	BGS 2500H-T
Swivel angle [°]	± 30	± 30

\* KGT = ball screw; LIM = linear motor

**GET IN TOUCH WITH US TODAY**  
**TOGETHER WE WILL FIND A SOLUTION**  
**FOR YOUR REQUIREMENTS**

**ELB-SCHLIFF Werkzeugmaschinen GmbH**

Phone: +49 6028 408 0

info@elb-schliff.de

www.elb-schliff.de