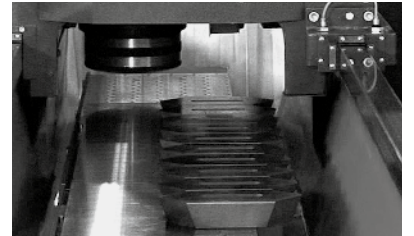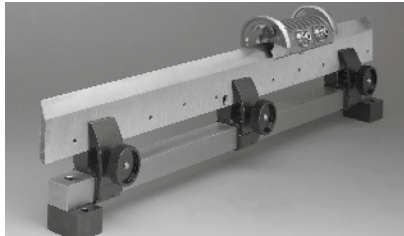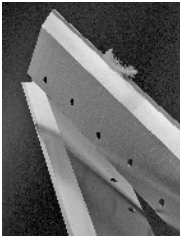# TYPE 51 / TYPE 5

TRAVELLING HEAD GRINDING MACHINES

WORK PIECES UP TO 4100 MM × 250 MM (L × W)
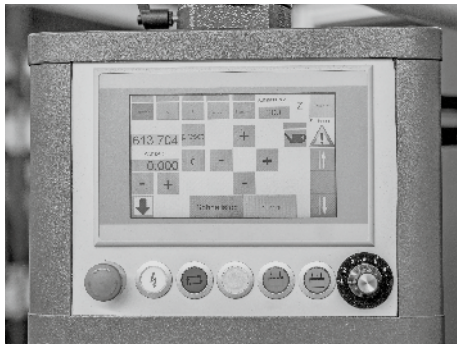
FLAT GRINDING OF INDUSTRIAL KNIVES

- ✔ Programmes for pendulum grinding with roughing-finishing-sparking out
- ✔ Rapid change of the grinding segments and work pieces
- ✔ Error message in plain text for quick troubleshooting
- ✔ Easy programming via parameter input

COMPACT & ROBUST CONSTRUCTION DUE TO HIGH QUALITY COMPONENTS

REFORM

Engineered by
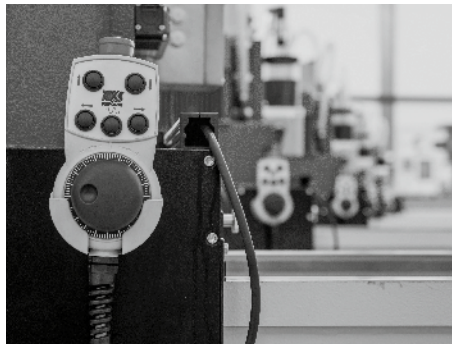
PRECISION SURFACING SOLUTIONS
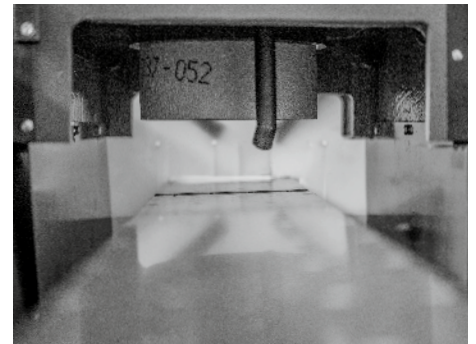
HIGHLIGHTS TYPE 51 / TYPE 5

- ⊘ Program for deep grinding
- ⊘ Technology data management: 20 memory spaces for:
  – Pendulum grinding
  – Deep grinding
- ⊘ Electronic power measurement of the grinding motor:
  – Automatic sparking out
  – Power control

- ⊘ Capacitive hardened glass Touchpanel
- ⊘ Touchpanel mounted on grinding carriage
- ⊘ Electronic demagnetizing device
- ⊘ Direction of rotation reversal of the grinding motor
- ⊘ Complete guideway cover

- ⊘ Additional aggregates:
  – electr. central lubrication unit
  – Coolant device
  – Magnetic roller coolant cleaner
  – Grinding dust exhausting unit
  – Paper band filter
      – Manual / Automatic
  – Separate scavenging pump
- ⊘ Switch cabinet air conditioning

Modern and easy control by means of an innovative Touchpanel

Our manual operating unit guarantees overview and control during the complete grinding process

The robust S1 grinding motor stands for maximum efficiency during machining.

TECHNICAL DATA

TYPE 51

Grinding Length [mm]	1000	2100	3100
Motor [kW]	7.5	11	
Magnetic chuck width [mm]	150 – swiveling		

TYPE 5

Grinding Length [mm]*	1000	1500	2100	2500	3100	3600	4100
Motor [kW]	7.5**	11**	13.5***				
Magnetic chuck width [mm]	150 – swiveling		2 × 100 – swiveling			200 – stationary	

* Other lengths upon request

** A S1 operation guarantees a permanent, undiminished grinding performance – without break. This standard cannot be offered by our competition in a similar form.

*** S6 operation

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

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01-2020   WE RESERVE THE RIGHT FOR TECHNICAL CHANGES!

enhancing surface quality