

KNOW-HOW from P&S
for YOUR ADVANTAGE.

HMT-S5

cutting machine - flexible



Machine



The HMT-S5 is the optimal addition to our product line for cutting carbide, HSS and ceramics for smaller quantities and special applications. With its modular design, it offers a whole range of possibilities for Machine specially tailored to the needs of our customers. The advantage - in all variants the proven P&S separation technology is built in.

Variant 01– Single cut



- Manually insert the blank into the prism block
- Bars measuring Ø 1 mm – Ø 40 mm
- Bar length measuring max. 500 mm, cutting length of min. 5 mm - max. 490 mm (one-sided)
- Adjust the length stop using the handwheel via a display
- Close the safety door and start the machine
- The blank is separated, and the machine moves to the home position

Variant 02 – Sequential cut



- Manually insert the blank into the prism block
- Bars measuring Ø 1 mm - Ø 40 mm
- Bar length of max. 500 mm, cutting length of min. 5 mm – max. 490 mm (one-sided) depending on production
- Enter the length and number of units required on the touch screen
- Servo X-axis positions the bar automatically
- Close the safety door and start the machine
- Once the specified job has been completed, the machine moves to the home position

Variant 03 – magazine operation



- Manually insert the blanks into the magazine (19 units)
- Bars measuring Ø 1 mm - Ø 21 mm (Ø 21 - Ø 40 without magazine operation)
- Bar length max. 500 mm, cutting length of min. 5 mm - max. 490 mm (one-sided) depending on output
- Enter the length and number of units required on the touch screen
- Servo X-axis positions the bar automatically
- Close the protective door and start the machine
- Once the specified job has been completed, the machine moves to the home position



Options



- Additional clamping option for end milling cutters
- Automatic cutting wheels - sharpening unit
- Automatic diameter control of cutting wheel
- Oil mist suction
- Compact fire protection system, Kraft & Bauer
- Coolant treatment system
- Coolant return pump tank
- Remote maintenance module
- Height-adjustable tableau
- Reversible prism 1-fold 90° - cross-section 3 x 3 mm - 20 x 20 mm
- Prism flat material – cross-section 3 x 3 mm – 20 x 40 mm
- Bundle separation up to Ø 4 mm

Overview



- Compact machine
- Long-lasting high-quality mechanical engineering
- High degree of flexibility
- Special bars
- Ease-of-use
- Variable separating feed
- Optimum cooling increases service life
- Separating feed secured by means of a sliding clutch
- Automatic diameter control
- Diameter range measuring Ø 1 mm – Ø 40 mm
- Positioning accuracy ± 0.05 mm
- Bar lengths of min. 500 mm - cutting length of min. 5 mm - max. 490 mm (one-sided)



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