

MINTING TECHNOLOGY

RIMMING OF ROUND COIN BLANKS. ST 50 S MODEL.



High-performance rimming machine ST 50 S for round coin blanks.

PRECISION AND EFFICIENCY

With the high-performance rimming machine ST 50 S, blanks in a diameter range of 14 to 50 mm can be precisely and efficiently rimmed.

The rimming of the blanks takes place between two firmly mounted segments and a rotation ring. The rotation of the ring causes the blanks to be rolled along under pressure against the segments, thereby forming the rim. Rimming ring and rimming segments can be provided either with one or two grooves. The infinitely adjustable drives allow the optimized adaption to any desired blank.

YOUR ADVANTAGES

- Two rotating feed bowls with integrated fill monitor
- Diameter tolerances of $\pm 0,02$ mm due to especially rigid bearing arrangement of the rimming shaft
- The symmetrical machine design leads to a long service life
- Sensors integrated into the feed channels record the actual production numbers or document the service life of the tooling (option)
- Quick and easy changeover to other blank sizes, fine adjustment of the rimming segments by means of dial gauges

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TECHNICAL DATA

Blank diameter [mm]	14 – 50
Speed of the rimming disk [rpm]	90 – 225
Max production rate [hour]	600.000
Rimming diameter tolerance [mm]	±0,02
Motor output rating at rpm [kW/rpm]	5,5/1.500

The ST 50 S model can process blanks in the diameter range of 14 mm to 50 mm. Especially high output is achieved by the use of two feed drums. The production yield for 14 mm blanks is up to 600,000 pieces per hour, and for 50 mm blanks up to 225,000 per hour. The effective yield is influenced by weight, material and quality of the blanks.



High output up to 600,000 coins per hour by rimming with the ST 50 S.

PERFORMANCE DIAGRAM ST 50 S (calculated production rate at 60% efficiency rating)

Production rate [pieces/hr]

