

MULTISPINDLE AUTOMATIC LATHES

MORI-SAY



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MORI-SAY 620AC



- ✓ **High accuracy at mass and series production**
- ✓ **High rigidity at machining**
- ✓ **High thermal and dynamic stability**
- ✓ **Controlled feed and spindle motors**
- ✓ **Possibility of use of CNC options**
- ✓ **Possibility of machine modification to the variant for machining semi-products**

Traditional cam automatic lathe with high accuracy, rigidity and quickness. It is intended for the mass and series production of precise components from the bar stock. The characteristics of the concept include high precision and flexibility with machining on six spindles with six independent longitudinal saddles, six cross saddles and four cross saddles. The machine enables the usage of various types of automatic bar stock feeders.

TECHNICAL DATA	620AC	620SAC
Number of spindles	6	6
Pitch diameter of spindles	180 mm	180 mm
Speed range of spindles	500 – 6,000 rpm	500 – 4,500 rpm
Speed range of spindles	NO	YES
Bar stock dimension		
Round cross section	∅ 20 mm	∅ 20 mm
Hexagonal cross section	17 mm	17 mm
Square cross section	14 mm	14 mm
Max. length of bar feeding	100 mm	100 mm
Working cycle		
Working time	0.8 – 90 s	0.8 – 90 s
Idle time	0.7 s	0.7 s
Frontal slides – number	6	6
Range of working strokes of the stations I, II, IV and V	0 – 68 mm	0 – 68 mm
Range of working strokes of the stations III and VI	0 – 90 mm	0 – 90 mm
Cross slides – number	6	6
Range of working strokes	0 – 36 mm	0 – 36 mm
Adjustability	13 mm	13 mm
Compound slides – number	4	4
Range of working cross strokes	0 – 36 mm	0 – 36 mm
Range of working longitudinal strokes of the stations I, II	0 – 51 mm	0 – 51 mm
Range of working longitudinal strokes of the stations IV, V	0 – 55 mm	0 – 55 mm
Motors		
Spindle motor (Siemens)	9 kW	9 kW
Feed motor (Siemens)	6.5 Nm	6.5 Nm
Machine dimensions		
Machine total length with bar stock guide	6,142 mm	6,142 mm
Machine total length without bar stock guide	3,000 mm	3,000 mm
Machine height	2,197 mm	2,197 mm
Machine width	1,370 mm	1,370 mm
Machine weight including standard equipment	5,000 kg	5,000 kg
Machine operational input	20.3 kVA	20.3 kVA