AUTOMATIC LATHE

STAR MICRONICS ECAS-12

Star Micronics · Ecas-12 · Year 2007 · Germany

Fig. 1 · STAR MICRONICS ECAS-12

MACHINE DATA

Manufacturer	Star Micronics
Model	Ecas-12
Year of manufacture	2007
Category	Automatic Lathe
Location	Germany
Status	AVAILABLE
Price	€ 18,000

TECHNICAL DATA

Manufacturer	Star Micronics Co., Ltd., Japan
Model	ECAS-12
Type	570
Year of manufacture	2007
Serial/Lot number	0398 (036)
Machine type	CNC sliding-headstock / Swiss-type automatic lathe
CNC control	Siemens 840Di
Number of controlled axes	10
Main and counter spindle	Yes
C-axis on main and counter spindle	Yes
Maximum machining diameter	13 mm
Maximum headstock stroke	205 mm
Maximum stationary drilling diameter	10 mm
Maximum driven-tool drilling diameter	8 mm
Maximum stationary tapping capacity	M8 × P1.25
Maximum driven-tool tapping capacity	M6 × P1.0
Maximum milling diameter	10 mm
Maximum die-cutting capacity	M8 × P1.25
Maximum slotting capacity	1.5 × 4 mm
Maximum spindle speed	12,000 rpm
Minimum C-axis indexing increment	0.01°
Main spindle motor output	Approximately 3.7 kW / 5 hp
Maximum clamping diameter	13 mm
Maximum counter-spindle speed	12,000 rpm
Minimum C-axis indexing increment	0.01°
Counter-spindle motor output	Approximately 3.7 kW / 5 hp
Number of counter-spindle tool positions	4
Maximum driven-tool speed	8,000 rpm
Driven-tool motor output	Approximately 0.75 kW / 1 hp
Linear axes	X1, Y1, Z1, X2, Z2, X3, Y3 and Z3
Rotary axes	C1 and C2
Maximum rapid traverse on linear axes	18,000 mm/min
Maximum rotary-axis feed	194,400°/min
Minimum programmable linear increment	0.001 mm
Minimum programmable C-axis increment	0.001°

Operating voltage	AC 200 V
Power supply	Three-phase
Frequency	50/60 Hz
Connected load	8.0 kVA
Approximate machine dimensions	2,590 × 1,140 × 1,830 mm
Machine weight	3,500 kg

PHOTOGRAPHS

Fig. 2

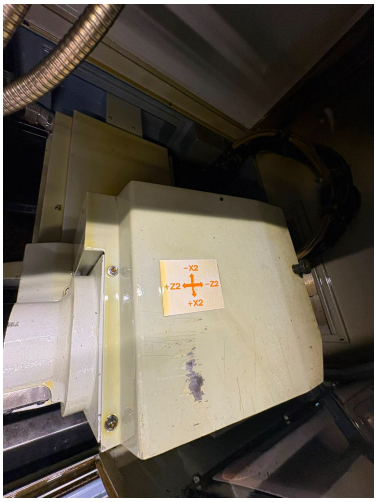

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Price	€ 18,000
Location	Germany
Inspection	Possible by appointment, under power where the machine is connected.
Dismantling and loading	By BIA GmbH or its partners. Quoted separately.
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