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Ref. No.:
1231-080111900

Overview and Technical Data:

SW BA-400-2 5-Axis Twin Spindle Milling

SW

Year of Build:
Jan 2001

Description:

Used SW - BA 400-2 CNC 5-axis horizontal double spindle machining centre

Control: Siemens Sinumerik 840 D

Equipped with coolant system & chip conveyor

Technical data:

- Travel:
  - X-axis: 400 mm
  - Y-axis: 450 mm
  - Z-axis: 400 mm
  - Max. cutting feed in X/Y/Z: 40/40/40 m/min
  - Feed force X/Y/Z: 9250 N
- Spindle:
  - Spindle Speed range: 50 - 12,500 rpm
  - Torque: 2 x 120 Nm
  - Power (S6/40%ED): 2x 35 kW/2600 rpm
  - IKZ 40 bar
- 2-axis swivel unit consisting of:
  - NC swivel axis (A-axis)with face plate: D=225
  - 2 NC-tables (B-axis) approx. D=240 installed in a common traverse, as well as a tangential mandrel of min.800 Nm per B-axis
  - hydraulically clamped counter bearing
  - 5-fold rotary distributor (A-axis)
  - 5-fold rotary distributor (B-axis)
- Tools
  - Tool holder: HSK 63 DIN 69893
  - Number of places in the tool changer: 2 x 60 pieces
  - Standard: 70 mm
  - with one free neighbouring place each: 140 mm
  - with two free neighbouring places each: 160 mm
  - Chip-to-chip time 3,8 s
- Scope of delivery:
  - approx 50 tool holders
  - approx. 2 clamping bridge supports
  - NC rotary table: 2 NC tables (B axis), Ø approx. 240 mm
  - 1 swivel bridge 4 axes, 1 swivel bridge 5 axes
- Additional equipment:
  - Extension of machine hydraulics for clamping workpieces up to 250 bar at Q=9 1/min.
  - Oil distributor for NC rotary table
  - Extended coolant system
  - High pressure pump 70 bar/30 L
  - Automatic loading door
  - Signal light
  - Tool breakage control Laser system Blum
  - Memory extension 256 KByte
- Space requirement of the whole equipement (LxWxH) approx.: 3000x4700x3000 mm
- Machine weight approx. 13800 kg

The machine is in good condition and can be inspected under power at any time.

The advantage of multi-spindle machining is simultaneous machining of several workpieces thus considerably reducing costs. It is also possible to assign several workpieces to one spindle. In SW clamping fixtures, designed and manufactured in our plant.

Possible Milling Products will benefit from a SW multi-spindle machine center

- Exhaust manifolds
- Common Rail pump housings
- Hydraulic housings
- Wheel hubs for trucks
- Brackets
- Motor blocks
- Brake calipers
- Hinged tie bars
- Bearing caps
- Clamping chucks
- Caliper brackets
- Engine and gearbox housings

Since its launch the SW BA series is setting standards in the field of multi-spindle, heavy machining. Due to the excellent accessibility of the loading area from the front and from the top the machine can be loaded and unloaded manually or via an automated system - again in parallel with the machining process. For these machines SW is offering the multiple cnc controls

Efficiency.

There are many ways to machine steel and cast iron workpieces. But there are only a few allowing to reach an optimum result in view of the given situation. The SW BA class offers a machining center which has set standards in its class with regard to effi1ciency and performance and which will continue to do so. The BA 400 and BA 600 centers available with 2 or 4 spindles, with 4 and 5 axes which can be loaded in parallel with the machining process provide for the appropriate concept for your machining process.

Technical Data:

Technical Data:

Control:
SINUMERIK 840D
Spindle Speed:
12.500 rpm
Tool Holder:
HSK-A63
Tool Capacity:
120 x

Travels:

X-Axis:
400 mm

Y-Axis:
450mm
Z-Axis:
400 mm

Dimensions and Weight:

Height:
3.000 mm
Width:
4.700 mm
Length:
3.000 mm
Weight:
13.800 kg

Buyer Information:

Condition:
Very good condition
Availability:
Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT:
19 %
Buyers Premium:
18 %
Location:
Germany

Images:


08-021
SW
Schwäbische
Werkzeugmaschinen GmbH
BA 400-2
Equipped by SCHUNK
1

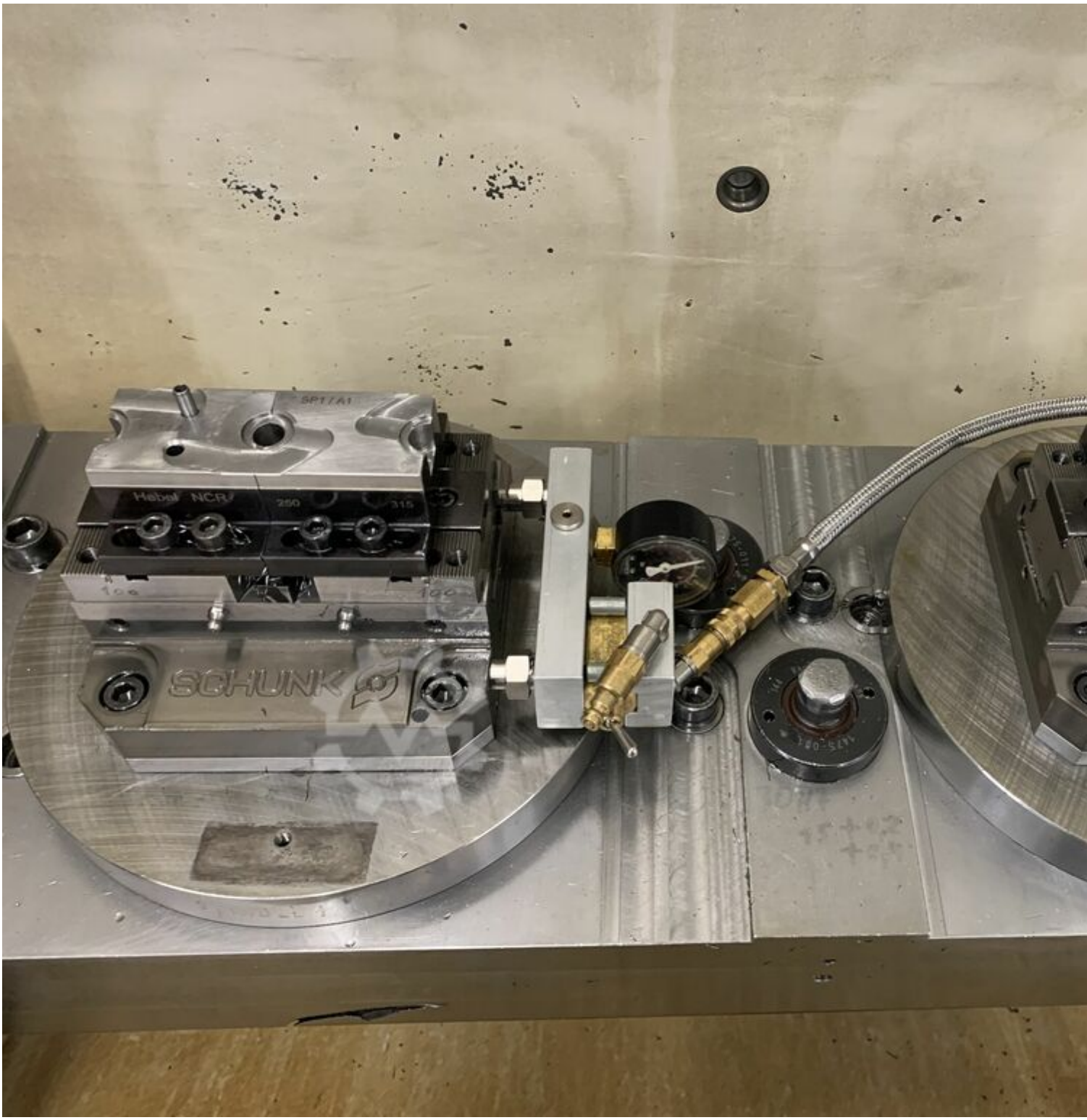

SINUMERIK
SIEMENS

3

4

5


ROTA-S
plus 20
200-52
SCHUNK



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SW
Schwäbische
Werkzeugmaschinen GmbH
Seedorfer Straße 91
D-78713 Schramberg-Waldm.
Typ / Masch.-Nr. . . . .
Type / Machine No.
Modèle / No Machine
BA 400-2
E-Plan Nr. . . . . .
Circuit diagram no.
Schèma electrique no
Nennbetriebsspannung. . . .
Nominal operating voltage
Tension de service nominale
3/PE AC 400V/50Hz
Spindel . . . . . .
Spindle
Broche
S1 25KW
Nennbetriebsstrom . . . . . .
Nominal working current
Tension de service
108 A
Anschlußleistung. . . . . .
Total connected rating
Puissance total connectée
75 KVA
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CE 2001

8

Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

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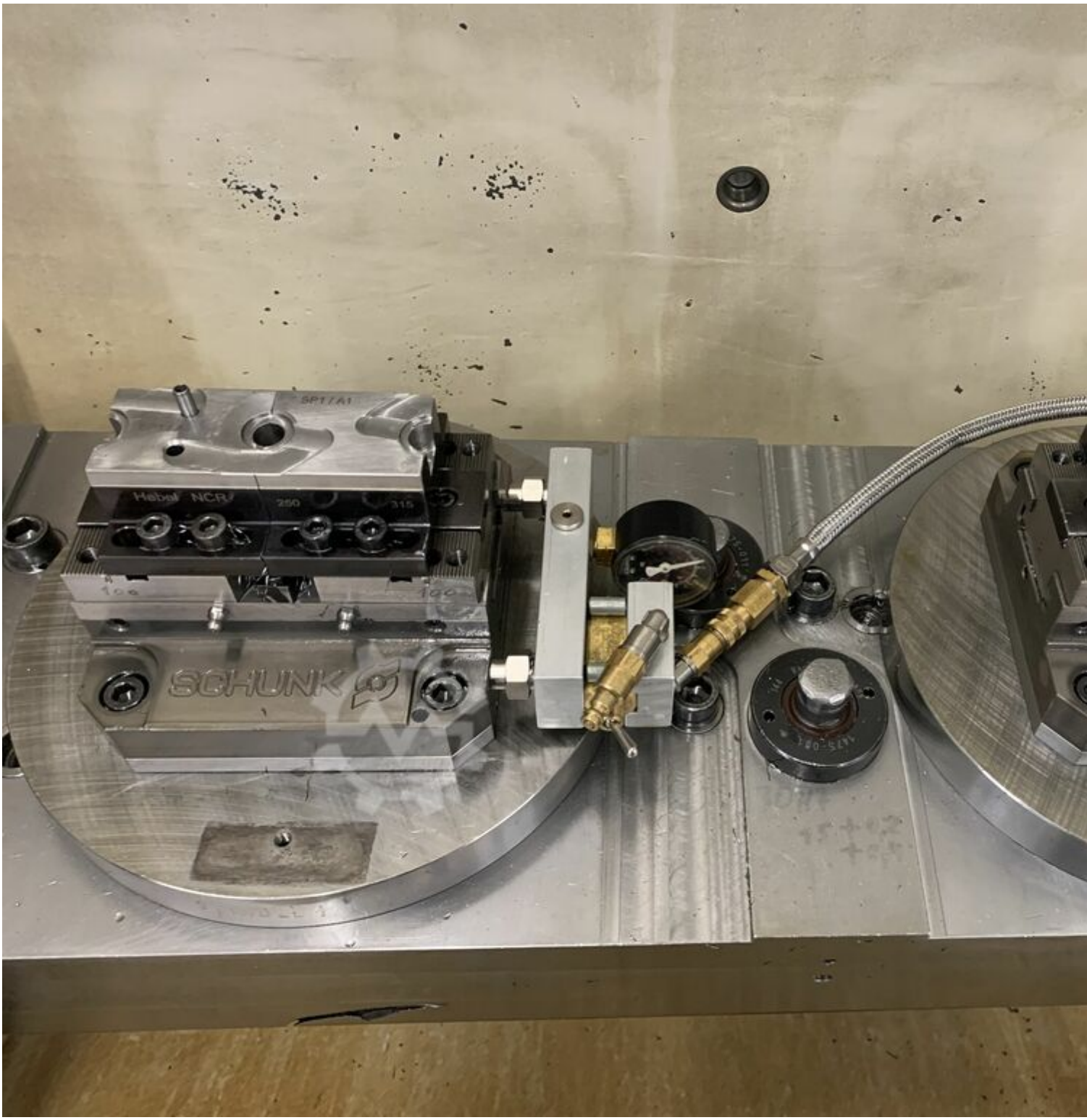

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