



Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 1237-091301342

LITZ
LU 400

Overview and Technical Data:

AXON LITZ LU 400 5-axis machining center

AXON

axon

Metal Cutting Solutions

Year of Build: Jun 2016



Description:

Buy used AXON LITZ LU-400 machining center with 5 axes

Operating hours: 14.933h / Spindel Hours: 3539h

CNC control Heidenhain iTnc 640

New spindle form November 2021 - Therefor Zero Spindle Hrs.

Technical data

- Travels (Glass scales):
 - X-axis: 400 mm
 - Y-axis: 350 mm
 - Z-axis: 350 mm
 - distance spindle nose - table: 150 - 500 mm
 - Diameter of table clamping surface: Ø 450 mm
 - Max. table load: 150 kg
 - Clamping grooves (number x width x pitch): 8 x 14 H7 (radial)
 - Centering hole: Ø 55 H7 x 12,5 mm
 - Max. workpiece size: Ø 430 x 270 mm
- Process speed
 - rapid traverse in X, Y, Z axes: 48 m/min
 - Max. speed B axis: 25 rpm
 - Speed max. C-axis: 25 rpm
 - acceleration X, Y, Z: 6,5 m/s²
- Accuracy
 - positioning accuracy: +/- 0.005 / 300 mm
 - repeatability: 0,005 mm
 - Resolution of the axes: 0.001 mm,
- Spindle
 - Main spindle: 20 to 12.000 rpm
 - Drive power (100 % / 25 % ED) 10.0 / 17.0 kW
 - Torque at 1500 rpm (100 % / 25 % ED) 63.7 / 108.6 Nm
 - Spindle cone: SK 40 DIN 69871
 - IKZ 42 bar
- Tool changer



- number of tools: 30x pieces
- tool diameter: max. 75 mm
- Tool diameter (secondary unit free): 127 mm
- tool length: max. 250 mm
- tool weight: max. 7 kg
- Chip conveyor
- Blow air gun
- Blowing air through the coolant nozzles
- Electronic handwheel
- Direct encoder in axes B, C
- Ring chip cooling system
- Renishaw RMP 60 - 3D probe with radio transmission
- Kinematic Optimizer

The LITZ LU 400 is a flexible 5-axis machine, which is ideally suited to produce complex parts in one clamping.

No matter if it is only a 5-sided machining or complex geometries which require a 5-axis interpolation with the LITZ LU 400 you are always well prepared for all current requirements in machining.

Technical data at a glance

- diameter of table clamping surface: 450 mm
- travel x-axis: 400 mm
- Traverse path y-axis: 350 mm
- Travel z-axis: 350 mm
- Main spindle with up to 12,000 rpm

The machine design allows 5-axis simultaneous machining of the workpieces or 5-sided machining with the use of the integrated hydraulic axis brakes.

The latest Heidenhain iTNC 640 control allows full integration as 4th and 5th CNC axis. The zero point is automatically swiveled as well.



Technical Data:

Technical Data:

Control: TNC 640
Machine Hours: 14.933 hrs.
Spindle Hours: 3.539 hrs.
Spindle Speed: 12.000 rpm
Tool Holder: SK40
Tool Capacity: 30 x

Travels:

X-Axis: 400 mm
Y-Axis: 350mm
Z-Axis: 350 mm

Dimensions and Weight:

Height: 2.705 mm
Width: 2.652 mm
Length: 1.980 mm
Weight: 6.500 kg

Buyer Information:

Condition: Very good condition
Availability: Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Buyers Premium: 16 %
Location: Germany



Images:

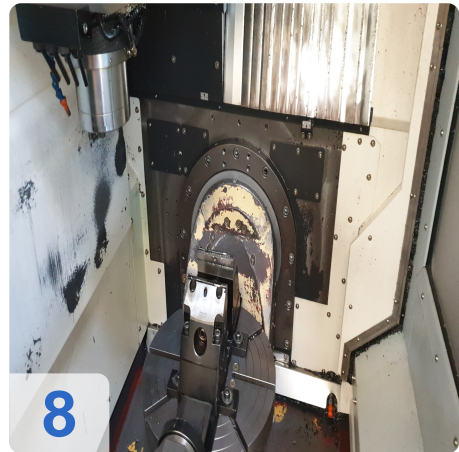




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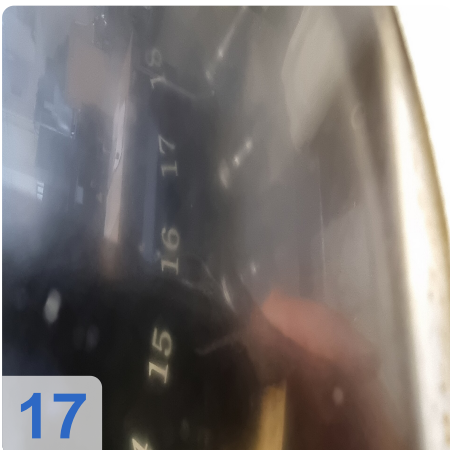




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Video:





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wide**

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