



# Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 1237-091301348

## Overview and Technical Data:

**AXON LITZ LU 800 5-axis machining center**

**AXON**

**axon**

Metal Cutting Solutions

Year of Build: Jul 2016



## Description:

### Used AXON LITZ LU 800 5-axis machining center

Operating hours: 12934h / Spindle hours: 4591h

Heidenhain control iTNC 530

Technical data:

- Travels
  - X-axis: 800 mm
  - Y-axis: 900 + 330 mm
  - Z-axis: 620 mm
  - distance spindle nose - table: 100 - 720 mm
  - Diameter of table clamping surface: Ø 800 mm
  - Max. table load: 1.000 kg
  - Clamping grooves (number x width x pitch): 7 x 14 H8 x 100 mm
  - Centering hole: Ø 50 H7 x 15 mm
  - Max. workpiece size: Ø 900 mm
- Process speed
  - rapid traverse in X, Y, Z axes : 48 m/min
  - max. speed B axis : 75 rpm
  - Max. speed C axis: 100 rpm
  - acceleration X, Y, Z: 6,5 m/s<sup>2</sup>
- Accuracy
  - positioning accuracy: +/- 0,005 / 300 mm
  - repeatability: 0,005 mm
  - resolution of axes: 0,001 mm
- Spindle
  - Main drive AC : Motor direct drive
  - drive power (100 % / 25 % ED): 18,0 / 29,0 kW
  - speed range: 20 - 12000 rpm
  - maximum torque: 236 Nm
  - spindle cone: SK 40 DIN 69871
  - IKZ: 30 Bar
- Tool changer
  - version with double gripper



- number of tools: 64x pieces
  - tool diameter: max. 75 mm
  - tool diameter (secondary unit free): max. 125 mm
  - tool length: max. 300 mm
  - tool weight: max. 7 kg
  - Chip conveyor
  - Chip cooling system
  - Cab roof - Manuel to open (crane loading)
  - Portable electronic handwheel
  - 3D probe with infrared transmission
  - Kinematic Optimizer
- 

The LITZ LU 800 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 that require a 5-axis interpolation with the LITZ LU 800 you are always well prepared for all current requirements in machining.

The machine design allows 5-axis simultaneous machining of the workpieces or 5-side 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 530  
Machine Hours: 12.934 hrs.  
Spindle Hours: 4.591 hrs.  
Spindle Speed: 12.000 rpm  
Tool Holder: SK40  
Tool Capacity: 64 x

### Travels:

X-Axis: 800 mm  
Y-Axis: 900mm  
Z-Axis: 620 mm

### Dimensions and Weight:

Height: 3.605 mm  
Width: 3.382 mm  
Length: 3.787 mm  
Weight: 19.000 kg

### Buyer Information:

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



## Images:

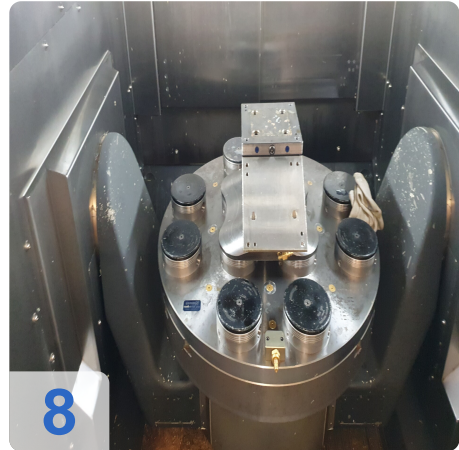




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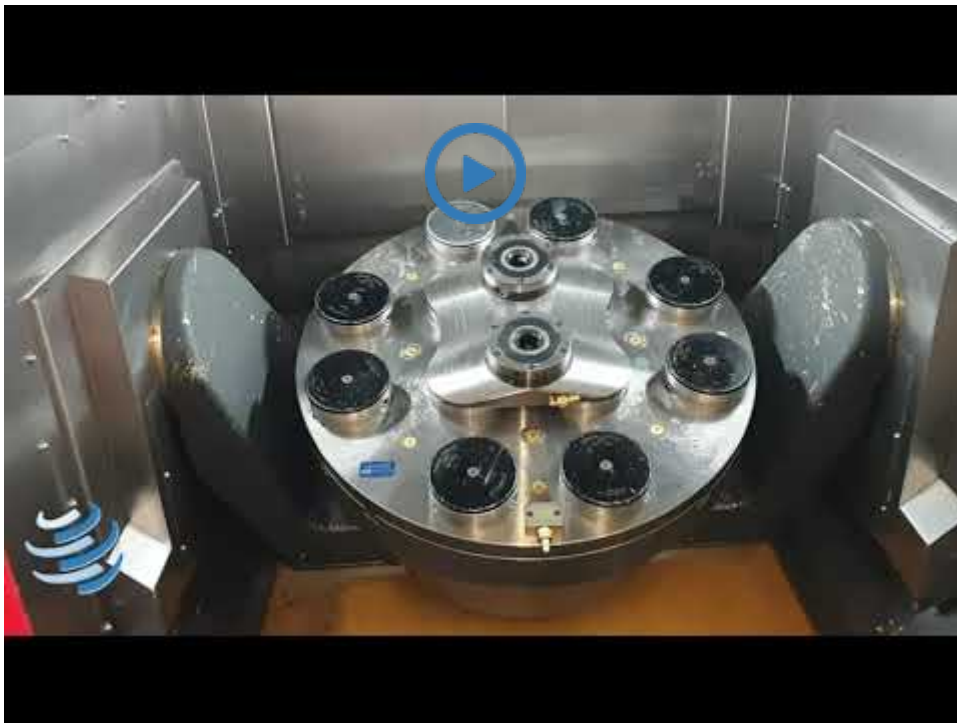
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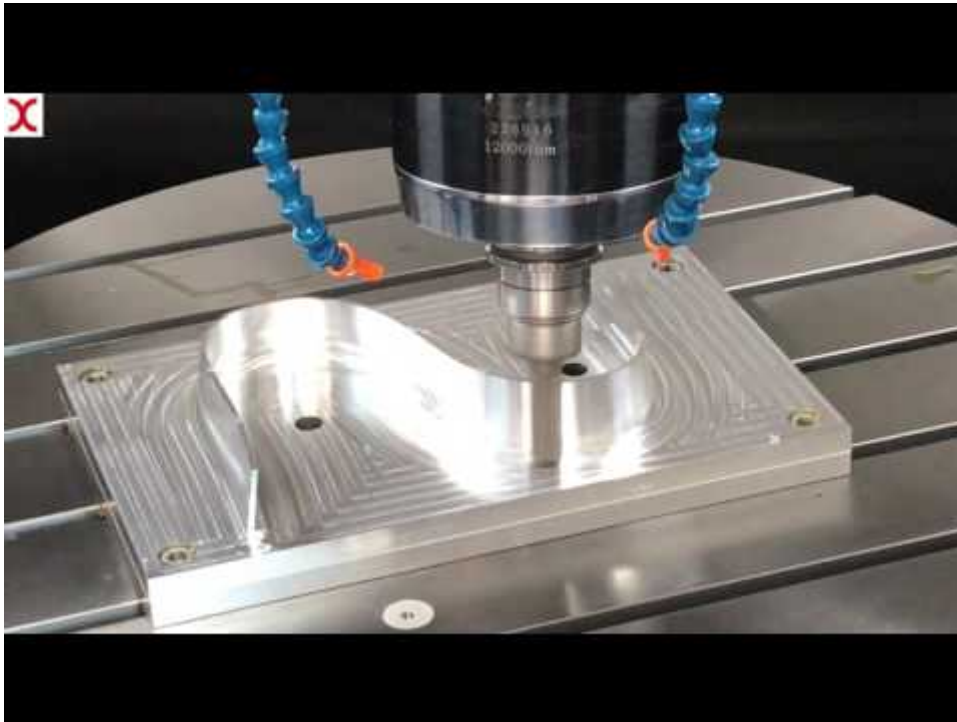






Video:







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**Asset-Trade**

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wide**

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