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Makino A51NX-5XR Machining Centre BA2368, used



manufacturer : Makino

Product number:
BA2368

Description

Used Makino A51NX-5XR 5-Axis Machining Centre for Sale – 2022

We offer a used Makino A51NX-5XR machining centre, manufactured in 2022 and equipped with a chip conveyor. The Makino A51NX-5XR is a horizontal 5-axis machining centre designed for high-precision and productive machining of complex components.

With its 5-axis machining capability, the A51NX-5XR allows manufacturers to machine multiple surfaces and complex geometries in fewer setups. This can help reduce setup times, improve dimensional consistency and increase overall production efficiency.

Makino A51NX-5XR – Key Machine Information

Machine characteristic	Details
Manufacturer	Makino
Model	A51NX-5XR
Machine type	Horizontal 5-axis machining centre
Year of manufacture	2022
Machining configuration	5-axis
Chip conveyor	Included
Condition	Used

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What is a Makino A51NX-5XR?

The Makino A51NX-5XR is a horizontal 5-axis CNC machining centre developed for manufacturers requiring accurate and efficient machining of complex components.

The combination of horizontal machining and 5-axis capability allows a workpiece to be machined from multiple directions while minimizing the need to reposition the component manually.

For suitable applications, this means that several machining operations can be completed in a single setup.

Main advantages of the Makino A51NX-5XR

1. 5-axis machining for complex components

The key advantage of the Makino A51NX-5XR is its 5-axis machining capability.

Five-axis machining allows the cutting tool to approach a component from different directions. This is particularly useful for components with complex contours, angled surfaces, deep features or multiple machined faces.

By reducing the number of setups required, 5-axis machining can help improve:

- Machining accuracy
- Production efficiency
- Setup times
- Repeatability
- Accessibility to complex surfaces
- Overall process consistency

2. Fewer setups and less workpiece handling

Traditional machining of complex components may require several setups and fixture changes.

The A51NX-5XR can reduce this requirement by allowing more machining operations to be completed within one setup. Fewer setups can mean less operator intervention and fewer opportunities for repositioning or alignment errors.

This makes the machine particularly attractive for complex, high-value and precision-machined components.

3. Horizontal machining configuration

The horizontal spindle configuration provides an important advantage for production machining.

During machining, chips can naturally fall away from the cutting area rather than accumulating around the workpiece. This can contribute to more effective chip evacuation and stable machining conditions.

The machine is additionally equipped with a chip conveyor, supporting continuous removal of chips from the machining area.

4. Makino precision and reliability

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Makino is known for manufacturing high-performance CNC machining centres for demanding industrial applications.

The A51NX-5XR is designed around Makino's approach to machine rigidity, precision and production efficiency. For manufacturers, this makes the machine suitable for applications where accuracy, repeatability and reliable machining performance are important.

5. Efficient production of complex parts

A 5-axis machining centre can be particularly productive when manufacturing parts that require machining on several sides.

Typical applications can include:

- Complex mechanical components
- Precision industrial parts
- Automotive components
- Aerospace components
- Energy-sector components
- General engineering parts
- Components with angled or contoured surfaces
- Multi-sided production components

The exact suitability depends on the component geometry, material, tooling and required machining process.

Why buy a used Makino A51NX-5XR?

A used Makino A51NX-5XR manufactured in 2022 offers manufacturers the opportunity to add modern 5-axis machining capacity without purchasing a new machine.

The machine combines:

Makino engineering + 5-axis machining + horizontal machining + 2022 manufacture + chip conveyor

This makes the A51NX-5XR an attractive option for companies looking to increase their machining capabilities, manufacture complex components more efficiently or expand existing CNC production capacity.

Frequently Asked Questions – Makino A51NX-5XR

What year is this Makino A51NX-5XR?

This particular used Makino A51NX-5XR was manufactured in 2022.

Is the Makino A51NX-5XR a 5-axis machine?

Yes. The A51NX-5XR is a 5-axis machining centre, allowing complex components and multiple surfaces to be machined with fewer setups.

Does this used Makino A51NX-5XR have a chip conveyor?

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Yes. A chip conveyor is included with this machine.

What are the advantages of a horizontal 5-axis machining centre?

A horizontal 5-axis machining centre can provide efficient multi-sided machining, fewer setups, improved accessibility to complex surfaces and effective chip evacuation. These characteristics can help reduce production time and improve process consistency.

What components can be machined on a Makino A51NX-5XR?

The machine can be suitable for a wide range of complex precision components, including industrial, automotive, aerospace, energy and general engineering parts. Suitability depends on the component dimensions, material, geometry and machining requirements.

Where can I get more information about this used Makino A51NX-5XR?

Please contact us for technical specifications, machine documentation, photographs, machine condition, availability and pricing.

Contact us

Are you looking for a used Makino A51NX-5XR 5-axis machining centre?

Contact us to receive further information about this 2022 Makino A51NX-5XR with chip conveyor and discuss whether the machine is suitable for your production requirements.