AMADA

THV 430 (200)

Stock no. :1022-2466



MACHINE-DATA

Machinetype	: Duplex Type Milling Machine
Make	: AMADA
Type	: THV 430 (200)
Year	: 2011
Control type	: CNC
Control	: Fanuc
Storage location	: Hilden
Origin	: Japan
Delivery time	: Immediately
Quotation	: Ex warehouse, loaded on truck
Price	: on request

TECHNICAL DATA

workpiece sizes	435 x 435 x 190	mm
workpiece weight	290	kg
control	Fanuc	
weight of the machine ca.	6,5	t

TECHNICAL DESCRIPTION

AMADA CNC Double-Head Milling Machine THV 430
Condition: Well-maintained, regularly serviced by the manufacturer.

Technical Data
Max. workpiece length 435 mm
Max. workpiece width 435 mm
Max. workpiece height 190 mm
Min. workpiece dimensions 20 × 20 × 10 mm
Max. workpiece weight 290 kg
Drive power 2 × 11 kW
Milling head diameter 200 mm
Machine weight approx. 6,500 kg

Technical details and information subject to amendments and errors.

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High-productivity double-head milling machine for high-quality processing of plate material. Fully automatic machining of all four sides without the need to reclamp the material, resulting in high levels of squareness and parallelism.
The THV 430 double-head milling machine concept has long been established as a series-produced machine in the Asian market, where it is used in the production of plates.
Its production advantages are leveraged in the tool steel trade, as well as in the manufacturing of components for mechanical engineering, the energy sector, transport technology, the automotive industry, and the aerospace sector.

[Description]
Material Clamping:
The material is secured using a hydraulically operated workpiece clamp.
The workpiece clamp and its corresponding support plate are very easy to change.
Once the material dimensions are entered, the system indicates the appropriate clamp to use; an indexing feature on the clamp then verifies that the correct one has been selected.
Clamping force can be adjusted in three stages.

Material Handling:
Material handling is simplified through the use of side and front stop plates, which automatically position themselves based on the entered material dimensions.
Easy operation.
Machining of edges at a 45° angle.
By simultaneously machining both sides with an equal depth of cut, high parallelism is achieved—provided the workpiece is positioned centrally before machining begins.
If the material is not centered, the system automatically machines only one side.
Compared to conventional machining methods, this dual-sided approach offers the following advantages:
Reduced handling time.
Lower error rate due to automatic measurement of material width.
Tighter tolerances achieved through automatic rotation of the workpiece.

The benefit to your production costs lies in higher manufacturing precision combined with a reduction in non-productive (auxiliary) time.

Control E.C.O.S.(Easy Conversation Operation System)
Simplified machine operation via a FANUC CNC system, which presents all data

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relevant to the machining process on a single screen for the operator. Operating personnel do not require specialized knowledge of CNC systems or machining; instead, they are guided by the intelligent control system through built-in operational aids and handling instructions. Overload protection is provided by electronic monitoring of the milling spindle, with automatic power reduction.

VIDEO-LINKS

WEB-LINK

http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2466

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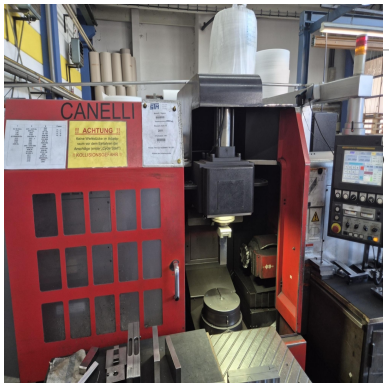



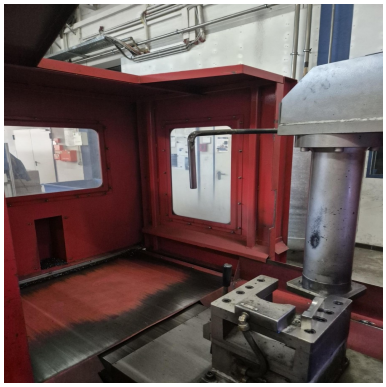


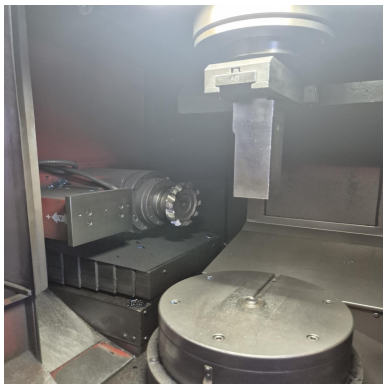




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