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Ref. No.:  
1150-12111442

## Overview and Technical Data:

# AVIA - FNE 50 N CNC Toolroom Milling Machine

## AVIA

Year of Build:  
Jan 1995

### Description:

## Used AVIA FNE 50 N CNC tool milling machine

CNC Heidenhain TNC 410CA

Technical data :

- Travel: X/Y/Z 800/500/420 mm
- table 500x1.000 mm / max 500kg
- spindle table 535-100 mm
- spindle SK40/7,5kW/50-4.000 rpm
- feeds X/Y 10.000 mm/min / Z 7.000 mm/min
- rapid traverse X/Y 10. 000 mm/min, Z 7.000 mm/min
- Vertical head SK40/50- 4.000rpm
- quill travel 100 mm/±45°.
- dimensions LxWxH 3x2,5x2m, weight, approx. 3to

---

### Description

Due to its size and strongly scripted construction, this CNC path-controlled milling machine is the big power pack of the AVIA milling machine series. The large traverse paths as well as the high table load offer all possibilities to easily machine even large and heavy workpieces with more complex shapes.

### Highlights

- Stepless feeds with rapid traverse 10 / 7 m/min via separate feed motors
- Arrangement of the vertical milling head directly on the main spindle
- Ball screw spindles for the X- Y- and Z-axis, simultaneous milling in X- and Y- direction possible
- Central lubrication for the guideways and ball screws

## **Technical Data:**

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Control:

[TNC 410](#)

Spindle Speed:

4.000 rpm

Tool Holder:

[SK40](#)

## **Travels:**

X-Axis:

800 mm

Y-Axis:

500mm

Z-Axis:

420 mm

## **Dimensions and Weight:**

Height:

2.000 mm

Width:

2.500 mm

Length:

3.000 mm

Weight:

3.000 kg

## **Buyer Information:**

Condition:

[Very good condition](#)

Availability:

[Sold](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

Images:



1

HEIDENHAIN

Strom-Unterbrechung

TNC 410CA



HEIDENHAIN

NC -SOFTWARE 286060 10  
PLC-SOFTWARE 2MCH44 01  
OPTIONS







3



4



5



6

FABRYKA OBRABIAREK  
PRECYZYJNYCH "AVIA"  
POLAND  
WARSZAWA, SIEDLECKA 47

CE

typ, Typ, Type

FNE50N

masa, Masse, Mass, Poids

3000

nr, Nr, No, N°

80091

rok, Jahr, Year, Anne'e

1999



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### **Images:**



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