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Schweißtechnik
Lagereinrichtungen
Industriebedarf
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Gebrauchtmaschinen

AVIA FNE 40 N (1008-9131216)



Control type
CNC

Construction year
2009

Machine no.
1008-9131216

Make
AVIA

Location
Ahaus

** from a German university

** very good / well-maintained condition (!!)

- in checked condition - machine video -

<https://www.youtube.com/watch?v=NI5wnvulPaA>

Equipment:

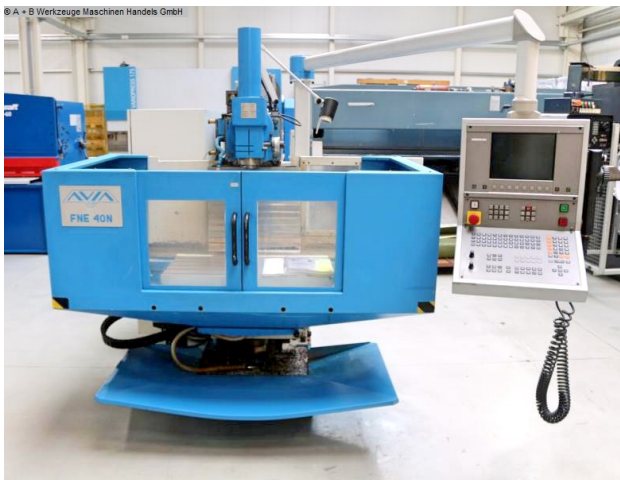
- electro-motoric universal milling machine
- HEIDENHAIN digital control unit "TNC 410M"
- * contouring control with graphic display
- * swiveling, front right
- * simple + user-friendly operation
- * including large screen + extensive control panel
- * including flexible hand control unit
- electro-motoric adjustment of all axes (X/Y/Z axis)
- * rapid traverse in all 3x directions
- * X+Y axis .. max. 10.000 mm/min
- * Z axis .. max. 6.000 mm/min
- stepless speed adjustment .. 50-4000 rpm.

- Vertical milling head with quill adjustment
- * Tool holder ISO 40
- * Automatic tool clamping with clamping/pull rod
- * Milling head can be swiveled by +/- 45 degrees
- Robust work table including T-slots .. 400 x 800 mm
- * Number/size of T-slots .. 5/14x80 mm
- * Safety housing including contact switch
- * Workpiece weight .. max. 400 kg
- Coolant system including lower chip tray
- Halogen/machine lighting
- Central lubrication including container
- 4x machine swing feet
- 3x ISO 40 holders including sorting system
- original operating instructions for machine + control
- original CE declaration

Machine attributes

x-travel:	620 mm
y-travel:	420 mm
z-travel:	400 mm
turning speeds:	50 - 4000 U/min
spindle taper ISO:	40
Pull studs:	ISO TYP B
quill stroke:	80.0 mm
milling head -swivable +/-:	45.0 °
table::	400 x 800 mm
workpiece weight:	max. 400 kg
T-slots:	5/14x80
feed range:	max. 10.000 / 6.000 mm/min
rapid traverse:	max. 10.000 / 6.000 mm/min
control:	TNC 410 M
voltage:	3x 400 V
total power requirement:	7.9 kW
weight of the machine ca.:	2200 kg.
range L-W-H:	3050 x 2850 x 2000 mm

Machine images





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Hesteller
Fabricant 03-768 Poland, Warszawa, Siedlecka 47
tel: +48 22 818 62 11
http: // www.avia.com.pl

Type, serial number
Typ, Seriennummer
Type, No de série **FNE 40N** , **90146**

Rated voltage
Betriebsspannung
Tension nominale 3x **400** VAC ~ **50** HZ

Rated current
Nenn-Betriebsstrom
Courant Nominal **35** A Weight
Gewicht
Poids **2100** kg

Control voltage
Steuerspannung
Tension de commande **24** V Manufactured
Jahr, der Herstellung
Annee de Fabrication **2009**

Voltage for machine lamps
Spannung für Maschinenleuchten
Tension pour lampes de machines **24** V 

Max speed of spindle
Maximale Spindeldrehzahl
Vitesse max de la broche **4000** r.p.m.
U/min
tr/mn

Max diameter of tool
Maximale Werkzeugdurchmesser
Diametre max de l'outil **125** mm Revoltintz pernimot
Maximale Werkzeuggewicht
Poids max de l'outil

Number of circuit diagram
Stromlaufplan
No du schema électrique **15014-35-001B** **6** kg