



GOEDICKE
WERKZEUGMASCHINEN



Goedicke Werkzeugmaschinenhandels GmbH

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Planer Type Machining Center - 5 Axis

Stock number **7-47153**
Make **ZIMMERMANN**
Model **FZ 37**

Control **CNC controls HEIDENHAIN iTNC 530**

Year of construction **2014**

basic design

basic design

gantry type

Working Range -milling-

x-axis travel	8000 mm
y-axis travel	3500 mm
z-axis travel	2500 mm

Table

clamping surface (left-right)	3000 mm
clamping surface (front-back)	9950 mm

working spindle / head

spindle type	Fork head
tilting range	220 °
- mode of operation	automatic
tilting range (2nd axis)	360 °
- mode of operation	automatic
spindle revolutions (max)	25000 /min
taper fixture	HSK A63
drive power (max)	45 kW

Axis drives

feed rate x (max)	60000 mm/ min
feed rate y (max)	60000 mm/ min
feed rate z (max)	60000 mm/ min





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Tool magazine

number of positions	50
tool diameter max.	125 mm
tool length max.	300 mm
tool weight max.	8 kg

Electrical specifications

mains voltage	400 V
mains frequency	50 Hz

attachments

guideway covers	yes
coolant unit	yes
high pressure cooling syst. (through spindle)	yes
closed cabin	yes
workpiece sensor	yes
chip conveyor	yes
hydraulic system	yes
central lubrication system	yes

Description of condition

Video link:

<https://youtube.com/shorts/EwZPVBQMSa4?feature=share>

Technical description

Milling head = fork type VH20, swiveling axis A $\pm$ 110°, turning axis C $\pm$ 360°, high frequency spindle SIEMENS WEISS watercooled, max. spindle rpm 25.000 1/min, spindle power max. 45 kW, vibration sensor, dynamic collision warning, infrared measuring Renishaw RMP 60, toolsetter BLUM Control NT-Micro, machine hours 84.951, spindle change in 2024 / 1477, 50 fold tool magazine, taper HSK 63, chip conveyor, cooling unit.

Max. table load 5000 kg / square meter, T-slots 18mm, T-slot distance 250mm.



Data / Pictures

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