



Planer Type Machining Center - 5 Axis (pre-owned)

Manufacturer: ZIMMERMANN
Model: FZ33c
Manufact. year: 2014
Controls: CNC controls
HEIDENHAIN
iTNC 530



basic design

basic design

gantry type

Working Range -milling-

x-axis travel	2500	mm
X-axis single table	3000	mm
z-axis travel	1250	mm
Rotation range A-axis +	110	°
Rotation range A-axis -	110	°
rotation range C-axis +-	360	°
Number of controlled axes	5	

Floor Plate

clamping surface (left-right)	3250	mm
clamping surface (front-back)	2500	mm

working spindle / head

spindle type		Fork head
spindle revolutions (max)	22000	/min
taper fixture		HSK A63
drive power (max)	60	kW
torque (max.)	95	Nm

Tool magazine

number of positions	50
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attachments

coolant unit	yes
closed cabin	yes
chip conveyor	yes

Technical description

5-axis gantry milling machine with VH30 milling head featuring A-axis and C-axis (A-axis $\pm 110^\circ$, C-axis 360°), suitable for simultaneous 5-axis machining.



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Equipped with a high-frequency spindle with HSK 63A tool interface, max. speed 22,000 rpm, power output 60 kW (constant from approx. 6,000 rpm) and max. torque approx. 95 Nm.

Automatic tool changer by KTC Handlingstechnik, type: ATC /HSK-A63 (50 positions) with carousel magazine.

(1x) KÜMA coolant/filter system type KF1/515WB,(1x) KÜMA filter unit type BF Gr.3,(1x) KÜMA pump unit type FA10/03,(1x) H.I.B Systemtechnik industrial chiller type RKH/W-14300 (R134a),(1x) LTA Industrial Air Cleaning oil mist extraction system type AC 2000 H solid particle filter.
