

Machine - Datasheet

Machinetype: CNC Turning- and Milling Center
 Make: YAMAZAKI MAZAK
 Type: Integrex 400 IV S / 1500U
 New in: 2007
 Control: Mazatrol Matrix
 Origin: Japan
 Term of delivery: Immediately
 Quotation: Ex works



Technical Details / Accessories / Additional

Technical details	Dimension	Unit
turning diameter	760	mm
turning length	1.524	mm
turning diameter over slide	660-760	mm
bar material dia.	102	mm
workpiece weight max. (main spindle)	650	kg
main spindle:		
turning speed range - stepless	35 - 3.300	U/min
Main drive	30	kW
max. torque	1400	Nm
spindle bore diameter	112	mm
chucking diameter	304	mm
c-axis	0.0001	°
second spindle:		
Main drive	26	kW
max. torque	500	Nm
turning speed range	35 - 4.000	U/min
spindle bore diameter	88	mm
chucking diameter	315	mm

Subject to alterations (prior sales and errors excepted).

tool turret:		
power capacity	18,5	kW
max. torque	119	Nm
tool taper	CAPTO 6	
tools in tool magazin	40	
x-axis	630	mm
y-axis	230 (+/- 115)	mm
z-axis	1585	mm
b-axis	225 (-30 / +195)	°
w-axis	1530	mm
traversing speed:		
X- + Z-axis	38	m/min
y-axis	26	m/min
c-axis	555	U/min
w-axis	30	m/min
feed - X	0-8.000	mm/min
feed - X	0-8.000	mm/min
feed - Z	0-8.000	mm/min
total power requirement	89	kW
weight of the machine ca.	13.300	kg
dimensions of the machine ca.	5.110 x 2.696 x 2.798	mm

Additional Information:

Equipment:

- Overload monitoring system
- high pressure cooling 15 bar, cooling by powered tools, flood cooling 2.4 bar, 20 l / min.
- Workpiece feed system Interface Kit for bar loading magazine with interface
- Chip conveyor MAYFRAN
- tooth milling function
- Torque-dependent drilling cycle MAZATROL
- Synchronized tapping with milling spindle
- Shape compensation for rotating axes
- Cylinder interpolation G07,1 +
- Preparation of multiple holders and FLASH TOOL CAPTO

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