

MAKINO D500

Anno: 2010



SPECIFICHE TECNICHE

Control: FANUC Professional 5

Axes

X-axis travel mm: 550 Y-axis travel mm: 1000

Z-axis travel mm: 500

A-axis travel degree: 150 (+30 - 120°) rotary encoder

C-axis travel degree: 360 (continuous rotation) / rotary encoder

Rapid traverse m/min: X: 48

Rapid traverse m/min: Y, Z: 50

Rapid traverse m/min: A, C: 48

Feedrate mm/min: X: 1 - 32.000

Feedrate mm/min: Y, Z: 1 - 40,000

Feedrate mm/min: A, C: 1 - 18.000

Work table

Diameter rotary table mm: 500

Maximum workpiece size (D x H) mm: 650 x

500 (with restrictions)

Workpiece weight max. kg: 350

T-slot version: 4 x 18H8

Spindle

Spindle speed rpm: 20,000

Tooling system

Tool holder: HSK-A63

Tool magazine: Matrix

Tool magazine places: 197

Tool changer: double gripper

Tool diameter mm: 70

Tool diameter with free adjacent places mm:

140

Tool length max. mm: 300

Tool weight max. kg: 8

Coolant

Coolant through the spindle

Air through the spindle

8 coolant nozzles outside

Air nozzle outside

Coolant shower

Equipment

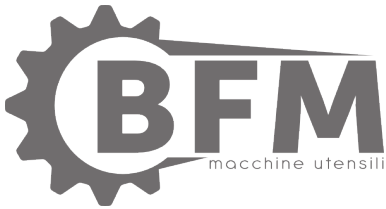
Erowa interface (commonly used for A / L type,

CE specification)

MML interface

Parameterization as type EROWA L

Large door for Erowa / System 3R



Chip conveyor with coolant filtration H850
volume 900 liters Automatic non-contact tool
measuring device
Automatic workpiece measuring device
(MARPOSS)
Portable manual pulser with tool position
indicator and handle release button Helix
interpolation (2 + 2 axes)
Additional part program memory (total): 640m
Additional registered program number (total):
500
Memory expansion function for data center type
B (total: 800 MB) Fast Ethernet board (including
Ethernet function)
Additional optional blocks skip (total): 9 blocks
Common variable for custom macros 600
Electronic handwheel Manual set MAKINO
Synchronized tapping 100 user macros
3-D tool compensation Smooth TCP
Super G1.4 Control Coordinate system rotation
Swivel work plane

Attention: EROWA robot system with 54 pallets
not included but available and can be
negotiated separately

Operating hours
Cutting time hours: 19000

Dimensioni

Length mm: 3,550
Width mm: 2,900
Height mm: 3,200
Weight kg: 15,700