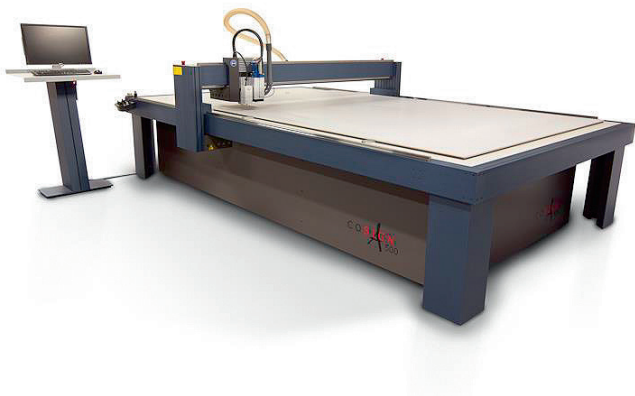


C O S I G N

CNC SOLUTIONS



THE RIGHT SOLUTION

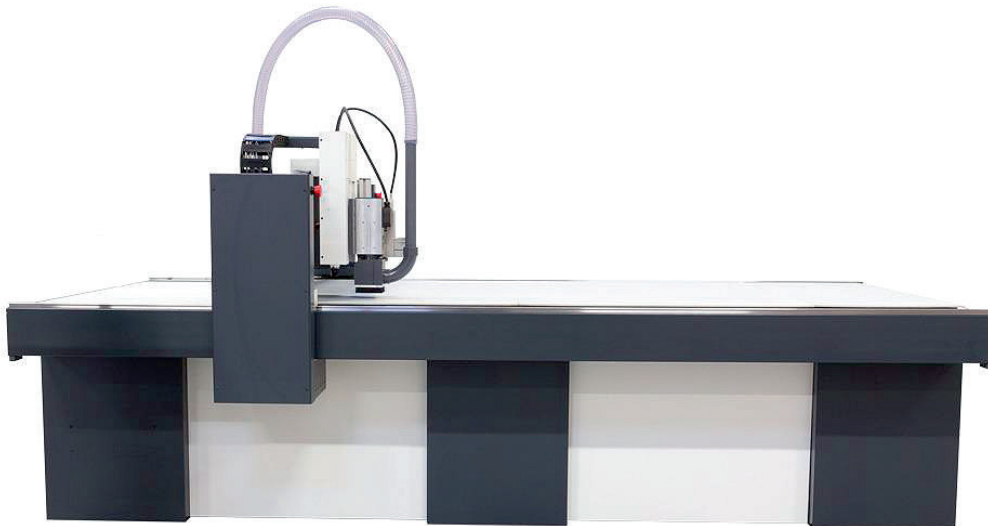
Cosign offers a large range of CNC milling systems and supplies customers with solutions that are right for them. Small, medium-sized and large milling machines for (3D) milling, engraving and cutting in many different materials such as plastics, timbers and metals.

COSIGN CNC SOLUTIONS

- a reliable producer and leader in the refinement of solutions

Entry

The solution for highly demanding companies starting out with milling. A perfect CNC machine with excellent speed and accuracy thanks to the smart choice of controls and motors.



- 3D computerized CNC routing system
- Entry plus control system microstep under Microsoft Windows 7 Pro
- High precision linear guide ways on all axes
- Ball screw on Z axis
- Z stroke 150 mm / Z axis clearance 130 mm
- Ergonomic computer console
- Covers
- Sensor for automatic Z-axis control
- Handwheel for easy axes control
- Standard under table (steel profiles + phenolic plate)
- Frame of aluminium and steel
- Easy going control software
- Maximum speed 12 m/min
- Computer Intel G540 Dualcore 2,5 Ghz, 4GB, 500GB HDD

Spindle 2.0 kW 24.000 rpm, ER25 tool holder

- Manual quick tool change
- 2 toolholders ER25 / special clamping device
- 2 steel bearings
- Air cooled / Maintenance free
- Frequency convertor / chip removal

Phenolic Vacuumtable

- Regenerative blower 1 pcs 4,3 kW (1525)
- Regenerative blower 2 pcs 4,3 kW (2030)
- Dust collector / security valves
- Switch on machine

Dimensions

- Standard work area dimensions:
1.50 x 2.50, 2.00 x 3.00

Milling cutting spindles

With 24,000 to 60,000 rpm and various power ratings, optional with water cooling. The right spindle for every application.

Flatbed vacuum systems

For fixing products with possibility of even holding very small components in position.

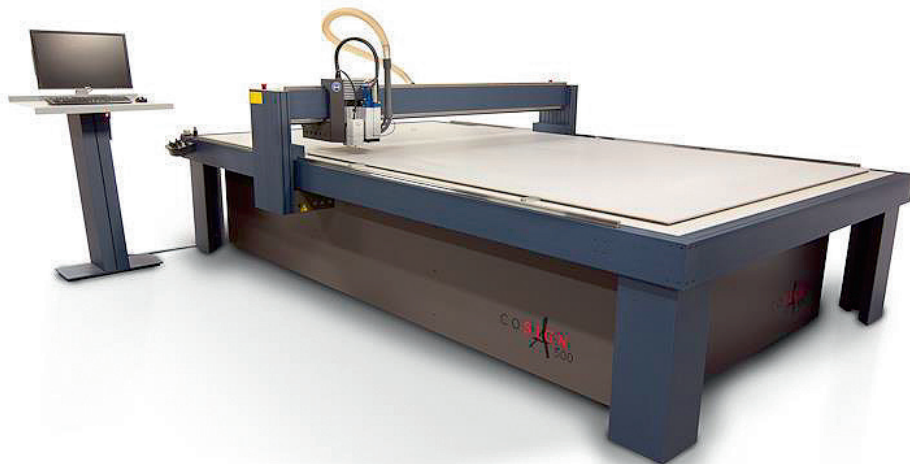
Dust collector system

For the removal of chips and dust particles that are released during the milling proces



A500

With this servo-controlled machine you are certain of excellent performance: an almost polished finish at extremely high speeds. The A500 has an automatic tool changer as standard and is installed including instruction!



- 3D computerized CNC routing system
- High precision linear guide ways on all axes
- Ball screw on Z axis
- Z stroke 150 mm / Z axis clearance 130 mm
- Ergonomic computer console
- Covers
- Sensor for automatic z-axis adjustment
- Handwheel for easy axes control
- Standard under table (steel profiles + phenolic plate)
- Frame of aluminium and steel
- Easy going control software
- Maximum speed 24 m/min
- Computer Intel G540 Dualcore 2,5 Ghz, 4GB, 500GB HDD

Spindle 2.1 kW 50.000 rpm Automatic Tool Change (ATC)

- 6 positions
- High speed cutting
- 2 sets tool holder + collet
- High speed cutting
- Water cooled
- Frequency convertor SFU0303
- Chip removal unit with automatic up/down movement

Phenolic Vacuum table

- Regenerative blower 1 pcs 4,3 kW (1525)
- Regenerative blower 2 pcs 4,3 kW (2030)
- Dust collector / security valves
- Electronic controlled valves

Dimensions

Standard work area dimensions for the A500 are 1.50 x 2.50, 2.00 x 3.00, 2.00 x 4.20 en 2.00 x 6.00 metres. For other dimensions, see specials.

Milling cutting spindles

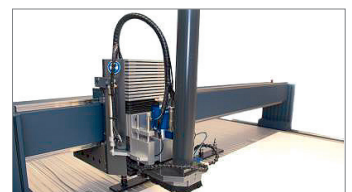
With 24,000 to 50,000 rpm and various power ratings, optional with water cooling. The right spindle for every application.

Flatbed vacuum systems

For fixing products with possibility of even holding very small components in position.

Dust collector system

For the removal of chips and dust particles that are released during the milling process.



OPTIONS

Spindle 2.1 kW 50.000 rpm ISO30 (Entry)
Spindle 1.2 kW 60.000 rpm ISO30 (Entry)

Spindle 3.8 kW 24.000 rpm ISO30 (A500)

- 6 positions tool change / 2 sets tool holder + collet
- Higher Z-stroke

VACUUM OPTIONS

- Becker vacuum pump type VTLF 2.250
Dry running high pressure vacuum pump
250 m³/ hr
- Automatic vacuum change
Vacuum on specific working area

Vacuum cleaner for dust collecting

- Standard or industrial

MISTING/LUBRICATING OPTIONS

- Standard oil misting device for cutting metals

Cutting module

- Tangential cutting module
Automatic up/down guide way
Ideal for processing PVC foam, foil, paper,
cardboard, textiles, leather, polystyrene, etc.
- Oscillating tangential cutting module
Automatic up/down guide way
Heavy material, plastics, leather, hard paper etc.
Air cooled oscillating motor

Creasing module

- Separate tangential creasing module

Camera-Vision system

- Essential for acquiring the right contour when processing printed sheets. The camera registers the position of the pre-printed registration marks and deviations are subsequently corrected.

SOFTWARE OPTIONS

- EnRoute 6 Entry
- EnRoute 6 Basic
Design / Inlay
- EnRoute 6 Plus
- EnRoute 6 Plus Nesting / 3D engraving

Alternative

CAMERA POSITIONING SYSTEM

- OPTISCOUT Production
Included Camera
- OPTISCOUT Production and Design
Included Camera



Printers · Cutters · Software