



ATOOL

Easy way to program CNC machines

- Modular tools according with user's needs
- Bridge between machines
- Very simple drawing management
- Assistance to user's production
- Very user-friendly environments





File CAD

Machine Display Utility Layer Import/Export Preferences Help



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SELECT 319 AVAILABLE MACHINE TOOLINGS CONFIG CONFIG-2 E CONFIG-3 CONFIG-4 CONFIG-5 Geom Config1 M Help Ok Cancel () () () () Available selections ۲

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PARTNER/ASPAN can manage multiple machines also of different producers.

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<u>ÅTOOL</u>

Users with multiple machines will be able to create programs using a single software, making of PARTNER/ASPAN a bridge between the machines.



File CAD Machine Display Utility Layer Import/Export Preferences Help





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Layer Import/Export Preferences 5 🕺 💽 Display machining details: Name Dimension Geometrical entities Processing time and statistics Parametric model used Geometry Part program Drawing name DISEGNO2 1300.00 x 810.00 x 20.00 Holes at Politinas at Parametric Is possible to assign a material to Header Field the drawing, selecting between more <)_{Time} than two hundred different kinds of material and colors Remar Ż



The drawings can be created by:

- Internal CAD environment
- AutoCAD connection
- ASC text file import
- DXF file import

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Machine part-program import

or using OPTIONAL MODULES:

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- Images VECTORIALIZATION system
- DOOR management system
- CABINET management system
- NESTING system results

PARTNER ASPAN 12.0 - C:\ASPAN4\DRW\Tutor.drw



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🕅 PARTNER ASPAN CAD - C:\ASPAN4\DRW\test.DRW

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CAD environment (integrated)

DX=2,440.00 DY=1,220.00 DZ=18.00

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BARTNER ASPAN CAD - D:\ASPAN_SVILUPPO_X2\DRW\draw.DRW

File Display Draw Set Modify Tools Layer Utility Path Extra Information







DX=1,600.00 DY=800.00 DZ=20.00

X=826.63 Y=857.26





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3D VIEW environment

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Faces Tools

This environment provides commands for the manipulation of the points of view and the viewing modes

- Zoom
- Rotations
- Movements
- Viewing models (transparent, wire frame, show depths...)



X=826.63 Y=857.26



754.11 Y=-19.72

BARTNER ASPAN CAM - C:\Drw\draw.DRW - [Config : CONFIG-1]

Machine Machining Extra Process Options Tools

14' 21"



File Display



Layer Information



PARTNER/ASPAN automatically assigns tools to the entities, according to the geometrical characteristics of the entities and the machine.



Machine Machining Extra Process Options Tools Layer Information

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14' 21"

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File Display

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Paths and hole drops will be optimized, but the user can modify both the assignment and machining sequence.

ROUTINGS MACHINING Machining () 1	Multi machining	
Tool Tool RPM 18,000	Diameter 11.00 Length 90.00 RPM 18,000	No tool Entity not machined Tool change posit. 1 1 - FRESA D11
Start feed 2.000 mm/min Feed 4.000 mm/min Depth 10.00 mm. Tool compensation Tool compensation		Diameter/Useful length 11.00 / 90.00 Tool change posit. 2 X SCHROB20 - SCHROBFREES RECHTS Ø80 Diameter/Useful length 20.00 / 100.00 Tool change posit. 3 X ZWALUW - ZALUWSTAARTFREES Diameter/Useful length 48.00 / 50.00
Steps Number of passes OPass Depth Steps 1	Inverted Pass	Help 0k Cancel
Hood position 0 ~ Help 0k	Cancel	On-line help call-out

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PARTNER ASPAN CAM - C:\Drw\draw.DRW - [Config : CONFIG-1]	– 0 ×
e Display Machine Machining Extra Process Options Tools Layer Information $\bigcirc \qquad \qquad \end{array}{} \qquad \qquad \end{array}{} \qquad \qquad \end{array}{} \qquad \qquad \qquad \qquad \qquad \end{array}{} \qquad \qquad \qquad \qquad \end{array}{} \qquad \qquad \qquad \end{array}{} \qquad \qquad \qquad \qquad \end{array}{} \qquad \qquad \qquad \end{array}{} \qquad \qquad \qquad \qquad \end{array}{} \qquad $	14:21
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Image: State of the second	
	view/edit the parameters of the available tools.

DX=1,600.00 DY=800.00 DZ=20.00

X=754.11 Y=-19.72



🔯 PARTNER ASPAN CAM - C:\Drw\draw.DRW - [Config : CONFIG-1]

File Display Machine Machining Extra Process Options Tools Layer Information

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🕑 14' 21"

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Laver: DEFAULT

Using the information processed in the CAM and SEQUENCE environments and according to the Numerical Control installed PARTNER/ASPAN generates the machine program.

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For more information please visit Atool Software's official website

www.atoolsoftware.it