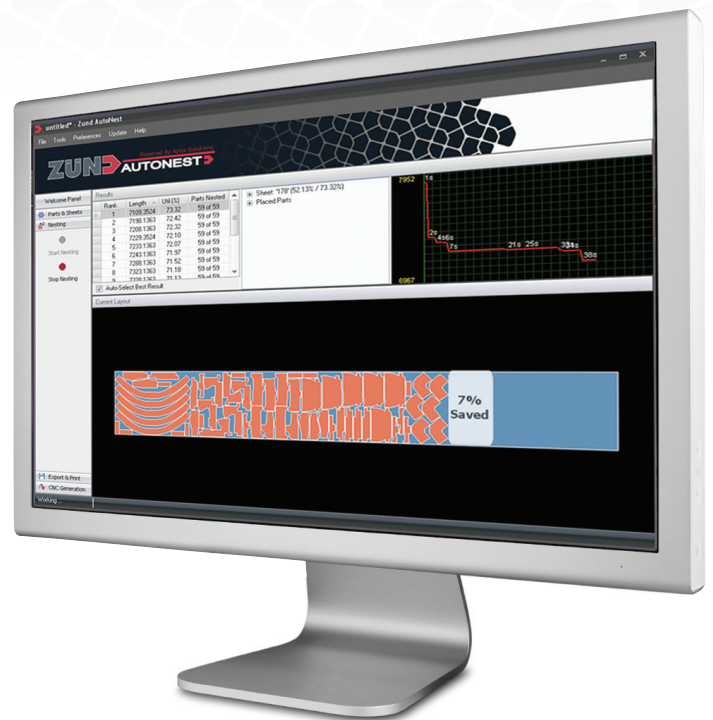


# ZÜND AUTONEST

Powered by Aptia Solutions

## Automatic Nesting and CNC Generation Software for Zünd Cutting Systems



- Innovative and affordable
- Intuitive user interface
- Imports and identifies multiple parts within a single CAD drawing
- One of the most powerful true-shape automatic nesting solutions
- Costly material? Allow extra time for even greater material savings!
- Outputs nests to your machine with the click of a button!



Zünd AutoNest continually looks for improvements until you tell it to stop!

# Zünd AutoNest

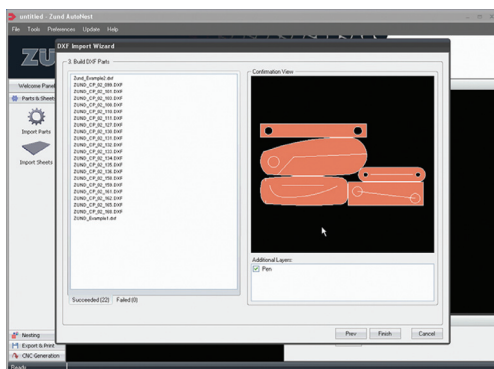
## Powerful Nesting at Affordable Prices!

Zünd AutoNest, really is next generation automatic nesting software and has been developed from many years of experience and research within the industry. It brings together AutoNest's powerful nesting technology and a compelling yet simple to use graphical interface which means you'll be nesting and outputting to your machine in minutes!

Zünd AutoNest is one of the most powerful automatic nesting solutions available for its price but don't just take our word for it, check out the feature list or contact us for a free trial to see for yourself!

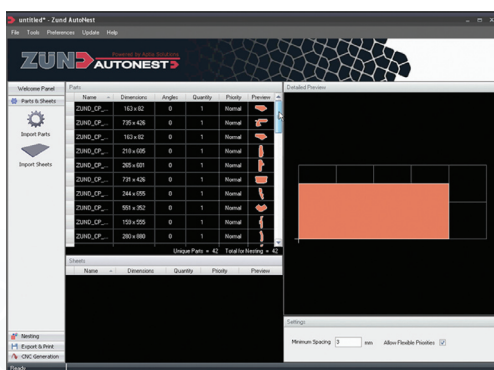
Our strong belief in continual in-house research and development, plus arrangements with leading research institutions means that we bring new CAD/CAM and nesting technology breakthroughs directly into our products before they become available to the mainstream. This ensures that we and you are always on the leading edge when it comes to automatic nesting software. Our aim is to provide you with the most powerful nesting software solutions to save your business both time and money.

## Saves material in three easy steps...



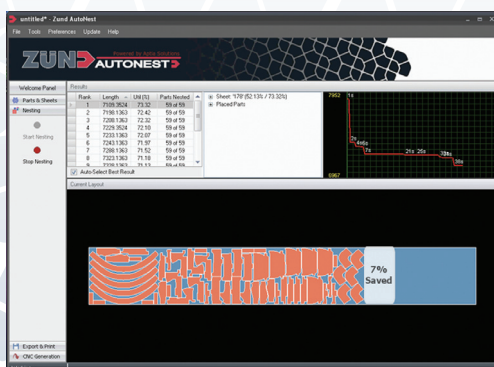
### Step 1 - Import Parts & Sheets

- Import DXF drawings from any CAD package
- No need to split out parts into separate DXF files
- Additional DXF layers can be assigned to different tools
- Compelling graphical interface - **very easy to use!**



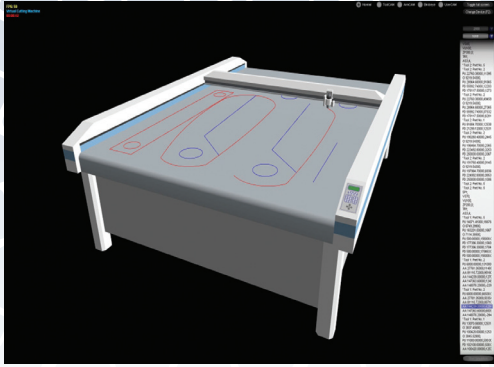
### Step 2 - Set Your Quantities & Angles

- Define multiple rectangular or irregular sheets
- Simple navigation guides you through the nesting process
- No more complex menus - **you'll be nesting within minutes!**



### Step 3 - Begin Powerful Automated Nesting

- One of the most powerful automatic true-shape nesting solutions
- Full hole filling capabilities
- Costly material? Allow more nesting time for even better utilisation
- Efficiently arranges the parts on the material - **Save £££s!**



## Also outputs to your machine with a click of a button!

- Set up different tool settings for each material
- Accurate cut-time estimates
- Preview CNC with our 2D cut simulator
- **\*New\* VMach - 3D Simulator!**

## Overview of Features

### Nesting Features:

- Powerful & fast true shape nesting system
- Excellent material utilisation for quicker ROI (return on investment)
- Full hole filling capabilities
- Specify allowable placement angles and quantities for parts
- Set lower or higher part priorities for desired nesting output
- Nesting onto multiple rectangular or irregular sheets
- Holes and defective regions on sheets are avoided
- Multiple layouts discovered quickly and viewable at the click of a button!
- Full user control over nesting durations.
- Expensive material? No problem, allow more nesting time to obtain even better material utilisation!

### Importing from DXF:

- Quickly and easily import parts and sheets via the DXF import wizard
- Geometry repaired automatically and previewed to user for confirmation
- Import wizard automatically identifies multiple parts and sheets from DXF
- Have multiple tooling layers? No problem, layer information can be attached to parts for CNC tooling after nesting

### Export and Print:

- Exports nests to DXF, PDF, SVG or a variety of image formats
- Print full nest reports

### CNC Generation

- Generate full CNC programs in a variety of formats and standards (e.g. G-Code, HPGL)
- Customise machine, bed size and tooling
- Have an unsupported machine? No problem! Use our G-Code customisation screen to manually set the correct codes (or contact us and we'll investigate supporting it!)
- Attach information to different tools (i.e. attach the "pen" layer to the marker tool)
- Save CNC programs to file or export directly to your machine via serial port

### CNC Simulation

- Preview the CNC program with our 2D cut simulator
- Now preview CNC output in full 3D using AutoNest's unique Virtual Machine simulator!

### Look-and-Feel:

- Compelling user experience
- Highly graphical interface provides immediate user feedback
- Navigation bar guides you through the nesting process - no more complex menus!
- No expensive training or retraining required - you'll be nesting & outputting to your machine within minutes!

### Future Proofing:

- Free Software Updates and Fixes for 1yr\*
- Telephone Support included for 1yr\*
- Dynamic in-house development team making ongoing improvements to nesting engine and software - you've invested in us, so we'll invest in you!

\* Support can be renewed on a yearly basis to provide continued access to new updates, fixes & telephone support.

# Testimonial

"We had been using another vendor's nesting solution but the software and service that we received simply wasn't up to scratch. Ideally, we were looking for a competent nesting product that was simple to use and could be operated by our engineers in the factory with little or no training. We contacted Zund who offered to visit us to demonstrate their nesting product, AutoNest, a few days afterwards. On seeing the software in operation on our own DXF parts, it was clear to me that the software not only had excellent nesting functionality but was easier to use and better looking than the other software we were considering. During Zund's visit, I was also impressed when they offered to set up the software on our cutting machine. Seeing the software in our own production environment not only reassured us that the software was capable of controlling the machine but also that cutting jobs could be set up and sent to the machine in just a few clicks. We decided to use the Zünd AutoNest software in our company soon afterwards and have been using it ever since."

"We now also use Zund's VMach visualisation product to view our actual cutting machine in a 3D representation on the screen. The 3D machine behaves exactly like our real machine so it is very easy to follow the progress of a job. However, it has also been useful in other ways too. Our clients often have very specialised seating requirements and sometimes visit us to discuss their needs or to have a chair fitting. They are also usually extremely interested in how we manufacture our products. We like to accommodate this curiosity by offering a tour of our factory. If our cutting machines are not in use at the time, we can quickly nest up some parts using Zünd AutoNest and show our visitors what would happen on the machine via VMach's 3D simulation."

"Zund's customer support has also been helpful when we've had any questions about the software. As an example, we needed to cut printed materials containing a border but Zünd AutoNest wasn't able to offset the layout to avoid this dead-zone. We notified Zund about the issue late one afternoon and by the next morning we had received an update which resolved our problem by adding the necessary functionality to the software. Very impressive."

**Company:** JCM Seating Solutions Ltd

**Description:** One of the largest specialised seating manufacturers in the UK

**Website:** [www.jcmseating.co.uk](http://www.jcmseating.co.uk)

## System Requirements

The following specifications are required to operate Zünd AutoNest properly. However, to get the greatest performance and maximum material savings, we recommend that you run Zünd AutoNest on the fastest PC that you have available.

### Minimum Specification (Provisional):

- PC running Microsoft Windows 2000, XP, XP x64, or Vista
- 1GHz Processor
- 256MB of RAM
- 20MB of free hard disk space

### Recommended Specification (Provisional):

- PC running Microsoft Windows XP, XP x64, Vista
- 3GHz+ Processor
- 1024MB of RAM
- 100MB of free hard disk space

Zund Plotting Systems (UK) Ltd  
Unit 1, Spring Valley Business Centre,  
Porters Wood, St Albans  
Herts AL3 6PD  
Tel: +44 (0)1727 833003  
Fax: +44 (0)1727 833006

