

You wouldn't throw money away, so why do the same to expensive raw materials? Get more components out of a single sheet by using the SigmaNEST software with your CNC Cutting Machine!

Materials are expensive

We all know that raw material can be the most expensive component of a job. Even worse than the inevitable initial cost of the material is the amount of money wasted by useless offcuts. No matter how good your intentions are, offcuts are seldom used as they are too small or oddly shaped to work with... it's just not practical! At the end of the day you'll have an unsightly pile of assorted pieces of scrap material laying around that is too expensive to throw out, yet it never gets used. With today's continually rising production costs, it's only more money down the drain.

Prevention is the best cure

With the SigmaNEST software in addition to your current CAD system, you can avoid the excessive scrap pile by automatically utilising the offcut from one component and use it to cut another. SigmaNEST's advanced automatic nesting results in tighter nesting layouts and the best yield from your raw material with the minimum amount of waste possible. You'll consume less material for the same production output, lower your cost per part and improve your productivity.

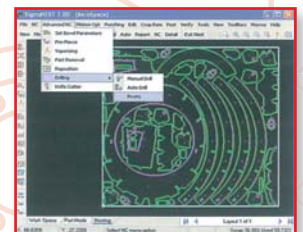
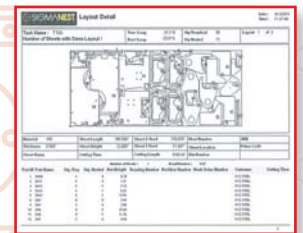
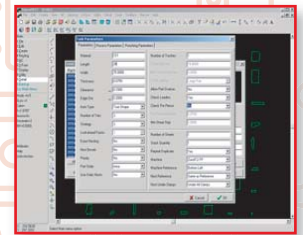
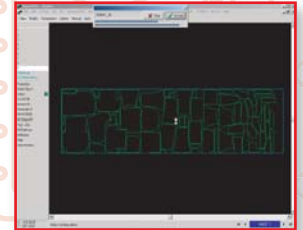
Production planning

SigmaNEST calculates production time for cutting jobs accurately to enable you to plan your production. Fully detailed reports can be generated to provide clear and accurate job information for a streamlined cutting operation. The database can be used to manage your raw material inventory effectively to get the most from working capital tied up in stock based on material grade and thickness. The data can be easily synchronised with existing production management and inventory control software. Even the shape of the offcut remnant can be recorded in the database!

Quick and simple to use

Optimized for the latest Microsoft Windows operating system, SigmaNEST is an integrated package offering an easy to use and streamlined work method for programmers, estimators and material management personnel. SigmaNEST can interface directly with a wide range of CAD systems and handle drawings in formats such as DXF, DWG, CADL, IGES and HPGL.

Once the part is designed in your current CAD system, import it into SigmaNEST, set the number of units you need to cut of each part, click the "go" button and you'll have the most economical layout within seconds. You can even incorporate multiple parts onto the one sheet, manually override and adjust the layout and cutting path, or set cutting priorities to ensure you get the most urgent parts out first. Your layout can even be set to handle multiple tools or double passes. Once you have your desired layout, simply send it to your CNC cutting machine. It couldn't be any easier!



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