

## SigmaNEST<sup>®</sup> for Waterjet

SigmaNEST for Waterjet offers an advanced programming solution that optimizes the feed and flow rate of a waterjet and combines it with high-efficiency nesting to provide superior part quality and maximum cutting speed.

### FEATURES

- Controls ramping path based on part geometry
- Automatically calculates feed rate based on quality requirements
- Part quality can be determined by the user or set by SigmaNEST
- Cut different sections within the same part at different quality levels
- Save modifications of parts
- Supports multi-head waterjet machines
- Seamless file importing from Solid CAD programs with automatic recognition of 3D model features
- Custom productivity reports

### ADVANTAGES

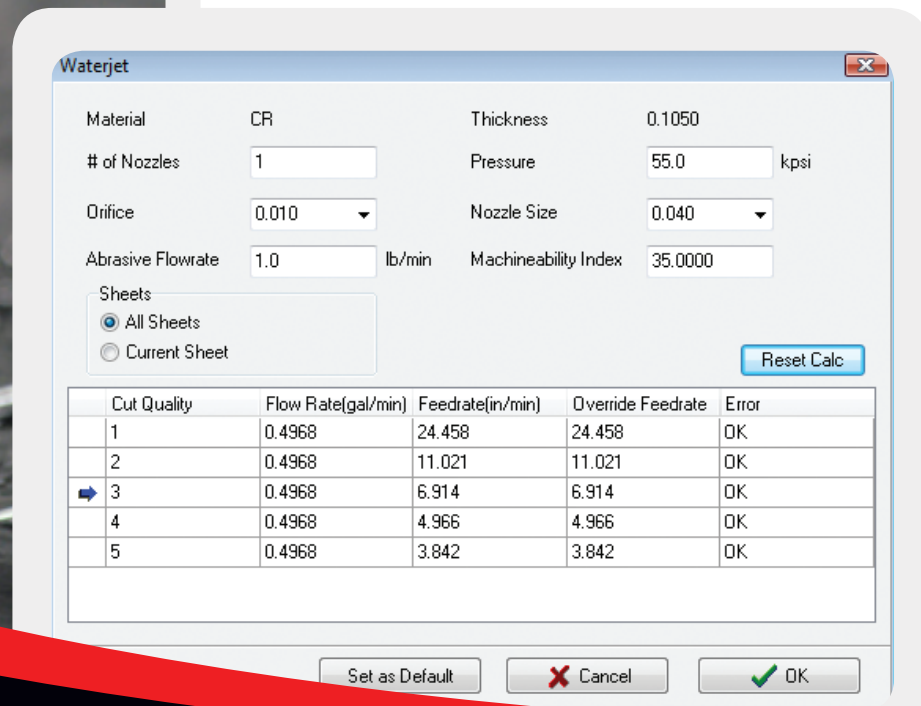
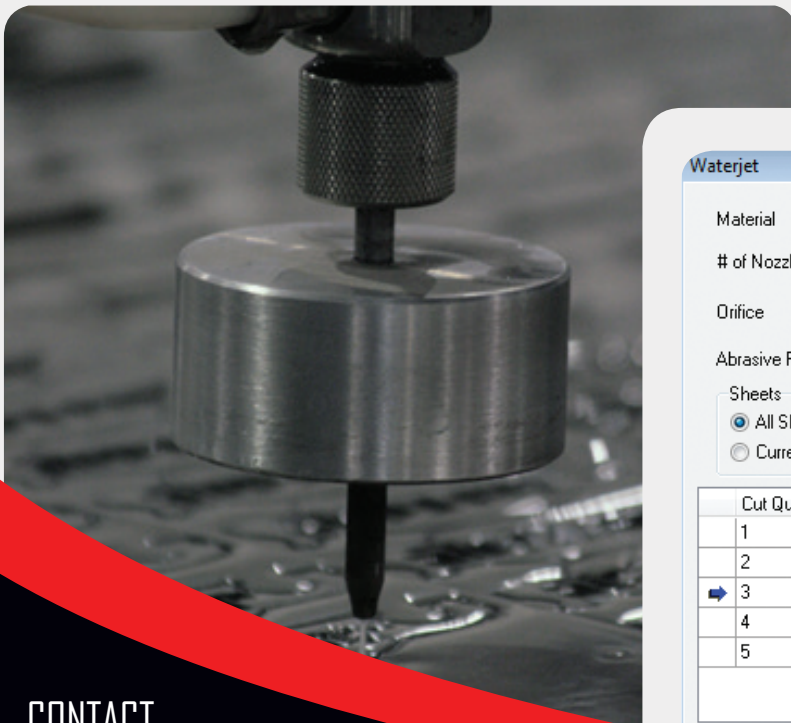
- One software to program all major waterjet cutting machine brands
- Create the perfect balance of feed rate based on material, thickness, number of nozzles, orifice size and machineability index
- Information is stored with the part file for later use
- Interactive layer mapping on CAD files enables each section to have different processes and/or quality settings applied
- Ramping features in SigmaNEST control tailwash

### BENEFITS

- Increase profitability
- Produce nests and NC programs faster, with less scrap
- Cost per part is controllable and predictable
- Contours are cut to proper specifications
- Does not require the same modifications to be made multiple times
- Optimize part quality results with grain constraint management
- Better planning with accurate time and cost estimates

### TECHNICAL SPECIFICATIONS

SigmaNEST has been upgraded to support the latest technology. It is compatible with Windows 7<sup>®</sup>, Windows Vista<sup>®</sup>, SQL Server, SolidWorks<sup>®</sup>, AutoDesk Inventor<sup>®</sup>, Solid Edge ST<sup>®</sup>, Pro-E<sup>®</sup> and NX<sup>®</sup>.



### CONTACT

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