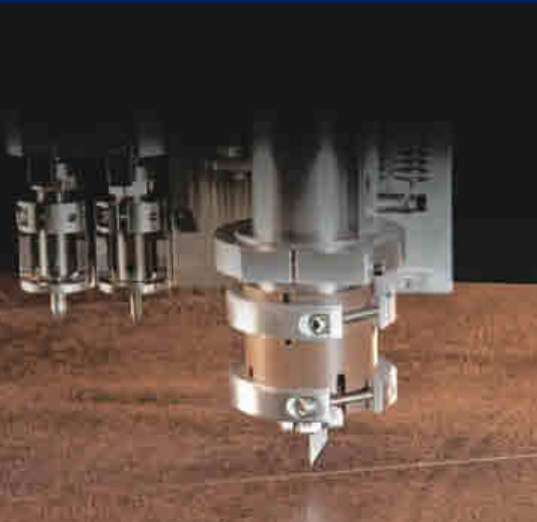




The Brand > Behind The Brand



# ISA CutTec



# About ISA TanTec

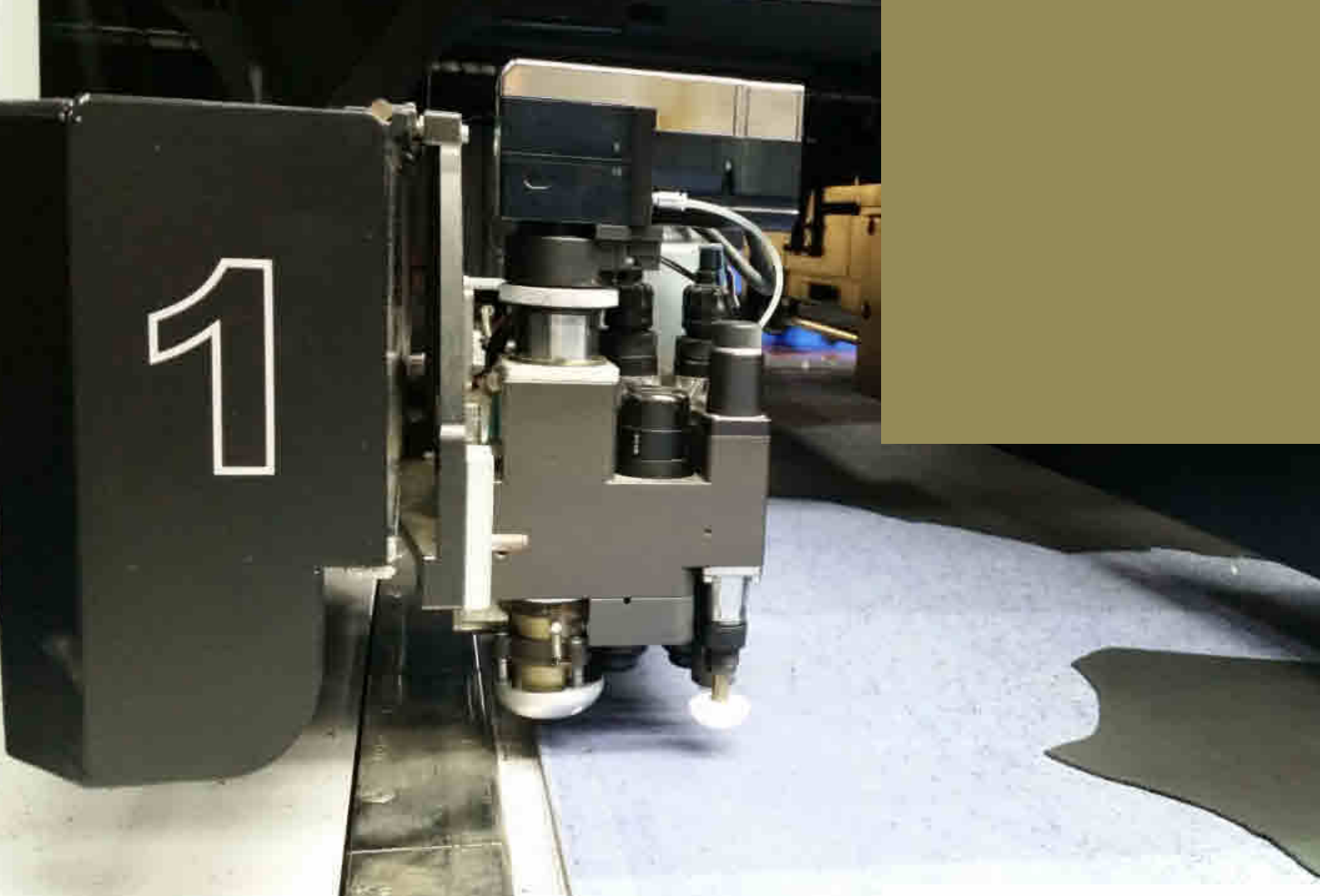
ISA TanTec, a 100% German invested company producing premium, eco-friendly leathers for the worldwide footwear market since 1995. We operate 3 sustainable tanneries in the USA, Vietnam and China.

The spirit behind our team is moving the company forward. At ISA, we have the most advanced technologies, utilize automation, lean manufacturing and a sophisticated QA system to ensure high standards for our innovative products.

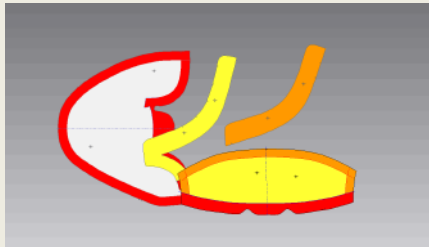
Conserving resources is an important part of our LITE (Low Impact To the Environment) concept, which defines a higher standard of environmental responsibility during the manufacturing process. We are proud to have brought this ISA branded technology to the marketplace.

We plan to continue future growth collaborating with our long-term customer partners, such as: Timberland, Wolverine Worldwide, Deckers Outdoor, Keen, Clarks, Danner/LaCrosse, Rockport and The North Face.





## Cutting Flow Process



Pattern digitalization and quality area definition



Marking defects, quality grades and auto nesting



Automatized cutting and stitching marks





# Automated Cutting System

Enabling ISA to offer our customers standardized solutions for cut parts, cost efficiencies, and short lead times. Innovative pattern and defect recognition software allowing ISA to provide further value in the supply chain for leather products.



## To Our Partners We Offer

1

One-stop service: In-house made leather and high-tech cutting technology which ensure high quality cut parts.

2

Professional expertise in developing the leather and provide innovative solutions.

3

New leather articles featuring the industry trend.

4

LWG Gold Rated tannery  
Standard testing procedure  
Certified lab

5

Stringent quality management system is implemented in the production processes.

6

By providing the best service, a sound sales and CS organization and cooperation that concentrates on the end-results.



# Traditional Method VS Automation



TRADITIONAL METHOD	OUR AUTOMATION SAVINGS
<ul style="list-style-type: none"> <li>Reduces the precision and productivity</li> </ul>	<ul style="list-style-type: none"> <li>Automatic machine able to cut different thicknesses of leather with high speed and precision, also does stitch marking and perforation in the same process</li> <li>Waste reduction of 4% to 10%</li> </ul>
<ul style="list-style-type: none"> <li>High manpower usage</li> </ul>	<ul style="list-style-type: none"> <li>Low manpower usage</li> </ul>
<ul style="list-style-type: none"> <li>Cut 8 to 12 sides per hour</li> </ul>	<ul style="list-style-type: none"> <li>Cut 10 to 15 sides per hour</li> </ul>
<ul style="list-style-type: none"> <li>Nesting in 6 min</li> </ul>	<ul style="list-style-type: none"> <li>Automatic nesting in 1.5 min or less</li> <li>Management production control and Computer added manufacturing integration</li> </ul>
<ul style="list-style-type: none"> <li>Leather utilization percentage and quality process is affected by human factor</li> </ul>	<ul style="list-style-type: none"> <li>Shows quality areas per piece, optimizing hides utilization</li> <li>Control raw material quality by comparing total scanned area and the reported from vendor</li> </ul>
<ul style="list-style-type: none"> <li>Manual Process takes longer</li> </ul>	<ul style="list-style-type: none"> <li>Automatized continuous process with significant decrease in processing time and high material utilization</li> <li>Offloading helped by projectors to avoid mistakes and improve lead time.</li> </ul>
<ul style="list-style-type: none"> <li>Many tools and high level of machine set up are necessary (waste time in set up)</li> <li>Tooling needs high level of maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Saving in use and maintenance of dies</li> <li>Qualified staff and highly support from our machines vendors. Low maintenance</li> </ul>

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