

## “APPLYING TECHNOLOGY TO BENEFIT HUMANITY”

---

### ... **Shoe Industry**

- ... Special Make Up
- ... Rapid Prototyping

### ... **Custom Shoemakers**

- ... Access to Digital Last Library
- ... Proprietary Last Creation

### ... **Shoe Designers**

- ... Existing Sample Library
- ... Create New Shoe Lasts

### ... **Orthopedic Footwear**

- ... Incorporating Orthotics
- ... Internal Buildups
- ... Personalized Accommodations

“Foot Scanners Not Required”

---

**DigiLast™**

P.O. Box 1349  
Port Townsend, Washington 98368

Phone: (360) 385-6164  
Website: [www.DigiLast.com](http://www.DigiLast.com)  
Email: [support@DigiLast.com](mailto:support@DigiLast.com)



**COMPUTERIZED SERVICE BUREAU**



“INDIVIDUALIZED”  
**COMPUTER GENERATED**  
**SHOE LASTS**  
AND  
**PATTERNS**

“Shoes for the 21st Century”™

## DigiLast™ Story

---

DigiLast is a division of DigiToe Computerized Footwear Systems, a leading developer of Computerized Footwear Technology & Know-how.

DigiToe began as the “Dream of a Shoemaker” in 1985, and has since “Revolutionized” the concept and production process for 3D Computer Generated, “Individualized” Shoe Lasts.

DigiLast operates as a Computerized Service Bureau for the Shoe Manufacturing Industry, serving the needs of the largest and smallest companies. We make our technology and technical expertise available and affordable, to people from all parts of the “Global Village”.

Our presence on the World Wide Web has generated interest and communications from researchers, business people, and shoe manufacturers from more than 30 different countries. Visit our Website: [www.DigiLast.com](http://www.DigiLast.com)

The “Global Village” Network is growing rapidly. DigiLast is in a position to serve the needs of people in all regions, from our Central Fabrication Facility in the Pacific Northwest.

The fit of the “Shoe Last” is the “Most Important Element” in the proper fit of a Shoe.

We specialize in making “Shoe Lasts” for “Individual Feet”.



## Products

---

### Individualized Shoe Lasts

DigiLast Specializes in making Shoe Lasts for individual feet and special purposes.

Each Shoe Last is made to exact specifications, and carved from industry standard materials.

### Shoe Last Patterns

Included with each Shoe Last is a set of paper patterns:

- ... Bottom Pattern
- ... Flattened Last Shell

### Gift Models and Displays

A Shoe Last carved from Exotic Wood is a Sculptural Work of Art.

Gift, Display, Trophy, Award, etc.

## Computer Lab Services

---

### Digital Imaging of Foot Castings

Foot Castings using STS Socks are Digitally Imaged and prepared for processing by the 3D System.

### 3D Computer Modelization

Data received from the Digital Imaging Workstation is processed.

3D Models of each Shoe Last are prepared from the Digital Library and Scaled to Fit the Data from the Imaging Workstation, plus the information supplied by the “Footwear Fitting Professional”.

### Data Processing Storage & Backup

A complete digital record is Archived and Backed Up on a CD ROM, for access and modification in the future.

### Shoe Last Machining

DigiLast has “Revolutionized” the process for machining Shoe Lasts. Toes & Heels are finished automatically by our State-of-the-Art Technology.

Archived Data can be reproduced at any time and Additional Shoe Lasts can be machined as needed.

### Shoe Last Digitizing

Your “Original Model Last” can be “Digitized” to create your own “Proprietary Last Library”.

### Pattern Cutting

Paper Patterns are included with each Shoe Last.

Occasionally there will be need for extra patterns to be cut individually.

# Training and Support

---

**ShoeSchool.com** <sup>TM</sup>      Established 1982  
Experiential Education Workshops & Seminars

## Foot Casting & Shoe Last Fitting Techniques

2 Day Hands On Workshop  
Learn the basics of Casting Feet & Modifying Shoe Lasts

## Introduction to Shoemaking

3 Day Hands On Workshop  
Make a pair of shoes for your own feet.

## Introduction to 2D-3D CAD Computer Design & Manufacturing

5 Day Hands on Workshop

# Private Consulting Services

---

## Shoe Last Design

## Shoe Design & Construction

## Technology Evaluation

# Supplies

---

## STS <sup>®</sup> Casting Socks

STS Resin Impregnated Casting Socks.  
Activated with Water Only.

STS Socks are simple, clean, durable, and easy to work with.

The Casting made with an STS Sock can be heated and modified to accentuate details and areas requiring special attention.

The STS Sock combined with our State-of-the-Art Technology makes Individualized Shoe Lasts Affordable & Possible

STS <sup>®</sup> Socks are a Patented Product of STS Company, California, USA

# Steps in the Process

---

**Digi-Last<sup>TM</sup>** is the most Revolutionary Technology & Process for making Shoe Lasts, since the Mid-1800's when Last Makers began creating Individual Right & Left Shoe Lasts.

## Step - 1      **Become a Digi-Last<sup>TM</sup> Authorized Fitter**

Producing Individualized Shoe Lasts is a very precise and exacting process. There are 2 options for becoming an Authorized Digi-Last Fitter:

1. For the "Experienced Foot Professional" we offer a Home Study Video and Booklet, which details the Digi-Last Casting and Fitting process.
2. For the person that does not have extensive Hands On Experience in Casting Feet or Modifying Shoe Lasts, we offer a 2 Day Intensive Workshop, where you can gain First Hand Knowledge and Experience.

## Step - 2      **Take Foot Castings & Information**

The Authorized Fitter takes Foot Castings with STS Socks and completes the Client Information Form.

## Step - 3      **Ship Castings & Information to Digi-Last**

## Step - 4      **Digi-Last Images Castings & Processes Data**

## Step - 5      **Digi-Last Creates 3D Computer Model**

## Step - 6      **Digi-Last Carves Shoe Last & Cuts Patterns**

The 3D Computer Model is transmitted to the Digi-Last Machining Center for production. Our Shoe Lasts are Hinged Industry Standard, High Density Plastic.

The Digi-Last Revolutionary Process & Technology, Finishes the Toe & Heel Automatically, for a high degree of accuracy.

Bottom & Flattened Last Shell Patterns are cut for each Last.

## Step - 7      **Digi-Last Ships Shoe Lasts & Patterns**

## Step - 8      **Digi-Last Maintains Data Backup for Future**

The Client Data is Archived and Backed Up to a CD ROM. Future orders for Different Toe Styles or Last Models is made Simple and Easy.



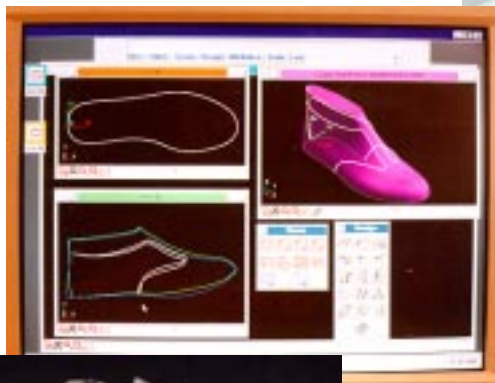
Extensive Library of Existing Models  
Create Your Own Model



State-of-the-Art Machining  
Automatically Finishing the Toe & Heel Accurately  
According to the Data of the 3D Computer Last Model



Foot Scanners Not Required



STS Sock is being scanned by DigiToe Digital Imaging Workstation

Multiple images are translated to a 3D CAD Computer Model

**DigiToe Experimental Project 1991**

All 3 pairs of shoes were made on the same DigiToe "Individualized" Shoe Last

Shoes Made By:

- Left: Oliver Moore
- Center: Allen Edmonds
- Right: Alan Zerobnick



**Narrow - Wide - Large**  
Examples of Individualized Shoe Lasts



Individualized Shoe Last  
Bottom Pattern  
Flattened Last Shell



**STS® Casting Sock**

The most advanced casting method in existence.  
Resin Impregnated Sock, sets up in minutes.

**Uses Water Only**



**Exotic Wood Models**  
Gifts - Display - Trophy - Awards

Teak, Pauduk, Purple Heart, Rosewood, Birds Eye Maple

**DigiLast Products & Services**  
Save - Time, Effort, Money