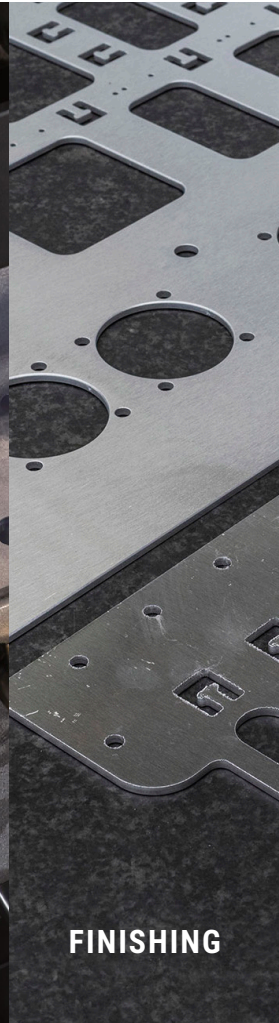
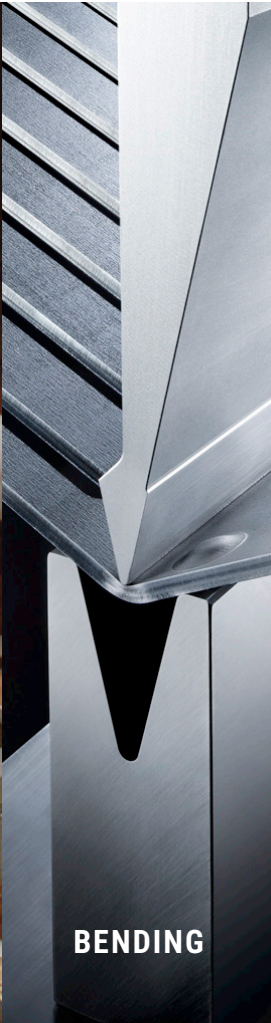
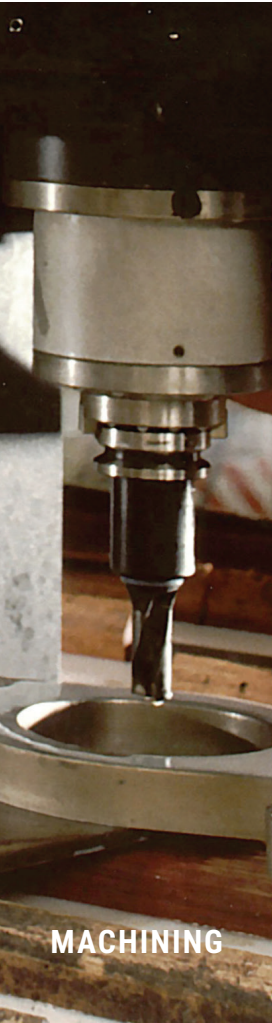


# SFT | STERLING FAB TECH



Your Source for  
Fabrication Machinery

MACHINERY CATALOG

# Company Overview



## Our History

Established nearly **two decades ago**, Sterling Fab Tech has distinguished itself by **representing** the most **cutting-edge manufacturing technologies** in the industry. Today, our corporate headquarters is centrally located in Dallas, Texas and we serve the Southwest Region, **from California to Louisiana**.

## Our Approach

We understand that customers are bombarded by salesmen. Frankly, we don't want to be that guy. We pride ourselves in being the **subject matter experts** by maintaining the highest level of technical competency in **fabrication processes and machine technologies**. Combining this know-how with an engineering approach to sales, we want to understand your needs and **educate your team** so you can make the best possible decision without any sales puffery.

## Our Solutions

Our Applications and Service teams offer pre-installation support, tool selection, software support and training, operator training, machine installations, machine repairs, and preventative maintenance. **They are also trained to support lasers, tube lasers, punching machines, and press brakes.**



## Our Support

We have seen an increasing demand for both equipment and support, **every step of the way**. Our team is focused on how we can **make your life easier**. From time studies, ROIs, working with riggers, tooling selection, and start-up support, we aim to improve operational efficiency. As a result, we have heavily invested in our Dallas Technology Center, Application Engineers, and Project Managers to assist you with these key steps.

# Precision Overview

## Coil Processing

Coil Processing lines automate the process of leveling, blanking, and sheet metal handling which includes cut-to-length lines, and coil-fed punch/laser lines.



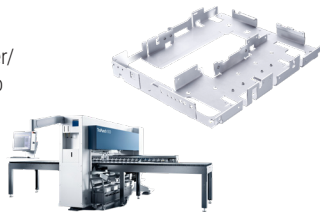
## Flat Sheet Lasers

2D laser cutting machines are the fastest, most accurate, and cost-effective way to cut a wide variety of material types and thicknesses. Up to 24kW with full sorting/automation options.



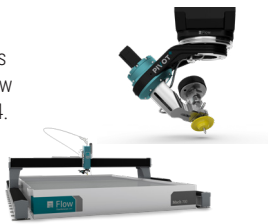
## Punch and Laser/Punch

The ultimate in machine capabilities, Laser/Punch combination machines allow you to punch/laser cut in a single process.



## Waterjet

Precision cut metallic and non-metallic materials with low upfront costs using waterjet tables. Flow Waterjet has been the industry leader since 1974.



## Tube Lasers

Tube lasers offer laser a new level of precision and speed for cutting profiles that are round, rectangular, channels, angle, and I-beams up to 10" diameter & 40' lengths.



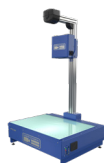
## CNC Routers

Small footprint machines up to robust, reinforced-gantry solutions for CNC routing.



## Quality

Quality inspection systems can decrease inspection labor by 85% while also allowing for quick reverse engineering.



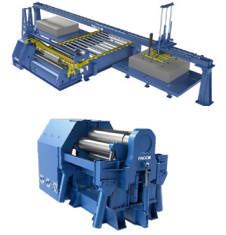
## Panel Benders

Panel Benders are ideally suited for large parts or complex bending applications with radius bends, short sides, or narrow profiles.



## Plate Rolls

Plate rolling solutions for thin gauge to 14" thick plate. Automation options for automated lines.



## Angle and Tube Bender

CNC tube bending machines for precise and accurate bending of tube diameters from 5/32" to 13".



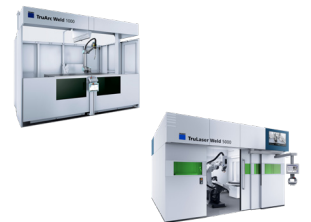
## Finishing and Leveling

Automated deburring, edge rounding, linear graining, and leveling solutions for a wide range of materials and thicknesses. Single and double-sided options available.



## Robotic Welding

Laser or MIG robotic welding cells can be programmed in minutes and eliminate secondary processes such as grinding.



## Press Brakes

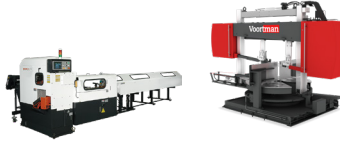
Decrease operator dependency and increase productivity using powerful unfolding software, quick change tooling, automated backgages, and operator guidance systems. Up to 14' and 350 tons.



# Industrial Overview

## Saws

Basic to dual column band saws with miter & infeed automation up to 50".



## Plasma and Oxy Fuel Cutting Tables

SFT offers a wide range of cutting tables, from small format unitized tables to large gantry machines with fully customized configurations.



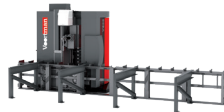
## Drilling/Milling Burn Tables

Combination plasma/oxy fuel burning tables that can drill, mill, tap, countersink in a single machine.



## Structural Metal Processing

Beam and angle lines for marking, cutting, drilling, and welding structural metals.



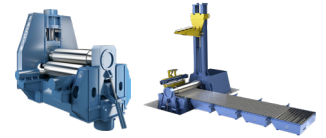
## High Tonnage Press Brakes

200-4000 ton industrial press brakes for large parts up to 60 feet wide.



## Plate Rolls

CNC plate rolling machines for plate up to 10" thick with 3 or 4-roll configurations.



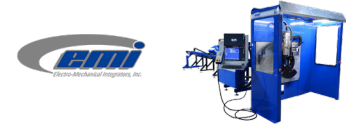
## Angle and Profile Rolls

Angle and profile rolling machines for structural steel profiles.



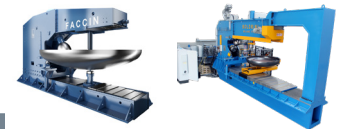
## Profile Cutting

Machine solutions for marking, plasma/oxy cutting, and drilling structural profiles, tubes, and vessels.



## Head Forming Machines

Head forming machines for vessel manufacturing.



## Slag Removal and Plate Leveling

Remove slag from plasma cut parts with ARKU's double-sided finishing machine. Level up to 3" thick plate.



## Complementary

### Software

Software solutions to unify software environments, for ERP integration, and/or for offline programming.



### Power Tools

Cordless and plug-in tools for fabrication including bevelers, deburbers, and nibblers, to seam lockers, shears, and drills.



### Laser Assist Gas

Customizable, economical, and reliable laser assist gas generation systems able to generate 99.999% pure nitrogen.



### Material Storage

Storage solutions that range from simple stacked pallets to fully automated storage and handling systems.



# Machinery Solutions

| PRECISION   |                             | INDUSTRIAL   |
|---|-----------------------------|--|
| Cut to Length Lines<br>Coil Fed Lasers/Punch                      | Blanking                    | Saws   |
| Flat Sheet Lasers<br>Punch & Laser/Punch Combo<br>Waterjet Tables | Sheet and Plate Processing  | Plasma Tables<br>Oxy Fuel Tables   |
| Tube Lasers   | Profile Cutting             | Robotic Plasma Systems<br>Pipe and Vessel Systems                              |
| CNC Routers   | Machining                   | Gantry Style Plasma and<br>Machining Centers                                   |
|   | Structural Metal Processing | Beam and Angle Lines<br>Robotic Beam Coping<br>Tube Processing   Shot Blasting |
| Press Brakes<br>Robotic Press Brake Cells<br>Panel Benders        | Bending                     | High Tonnage Press<br>Brakes   |
| Plate Rolls<br>Angle and Tube Rolls                               | Forming                     | Plate Rolls<br>Angle, Beam, and Tube Rolls<br>Head Forming Machines            |
| Deburring   Edge Rounding<br>Leveling                             | Finishing and Leveling      | Slag Removal and<br>Plate Leveling   |
| Laser Welding Cells<br>MIG Welding Cells                          | Automated Welding           | Robotic Welding Cells<br>Automated Beam Welding                                |
| Complete Suite Production Planning,<br>Unfolding   Nesting   ERP  | Software                    | Complete Suite Production<br>Planning   Unfolding   Nesting   ERP              |
| 2D and 3D Inspection and<br>Reverse Engineering                   | Quality Inspection          |  |
| Manual Sheet and Tube Storage<br>Automated Sheet and Tube Storage | Material Storage            | Automated Tube Storage   |
| Power Tools<br>Laser Assist Gas                                   | Accessory Equipment         | Beveling Power Tools   |

## Request More Info or Schedule a Private Demo

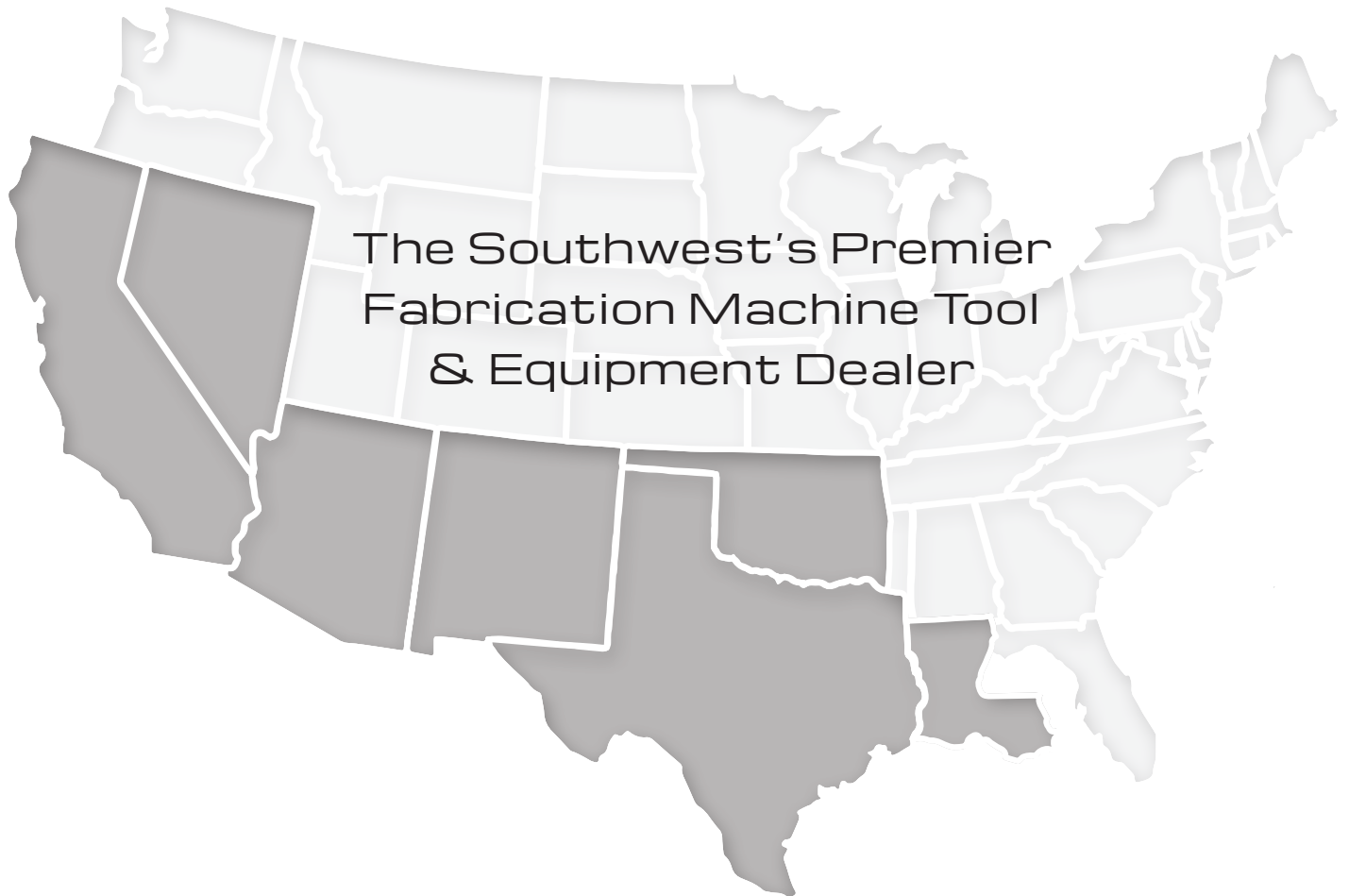
We can demonstrate the **start-to-finish fabrication process** from **programming, cutting, bending and welding in a fully automated environment**. Our Applications team and Service team are also available for application and service consulting. Scan the QR code for more information.



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