

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.**



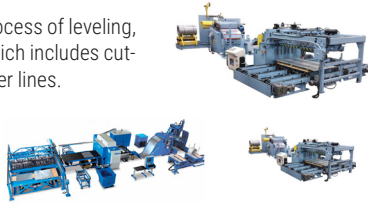
Our Support

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.



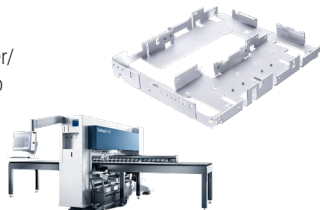
Flat Sheet Lasers

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.



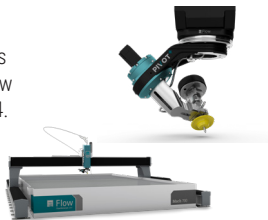
Punch and Laser/Punch

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.



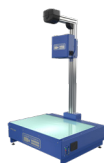
CNC Routers

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.



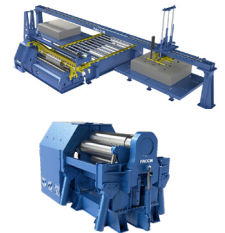
Panel Benders

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

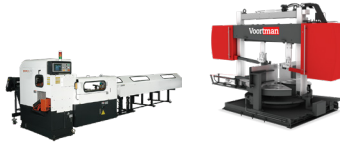
Decrease operator dependency and increase productivity using powerful unfolding software, quick change tooling, automated backgages, and operator guidance systems. Up to 14' and 350 tons.



Industrial Overview

Saws

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



Plasma and Oxy Fuel Cutting Tables

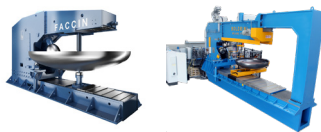
SFT offers a wide range of cutting tables, from small format unitized tables to large gantry machines with fully customized configurations.

Kinetic



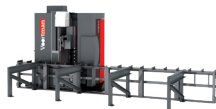
Head Forming Machines

Head forming machines for vessel manufacturing.



Structural Metal Processing

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



High Tonnage Press Brakes

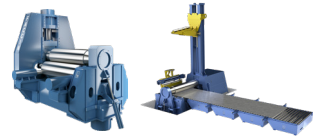
200-4000 ton industrial press brakes for large parts up to 60 feet wide.



Plate Rolls

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

FACCIN



Angle / 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.



Machining

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



Slag Removal and Plate Leveling

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



Ancillary

Software

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



Laser Assist Gas

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



Power Tools

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



Material Storage

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



MachinerySolutions

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

Request More Info or Schedule a Private Demo

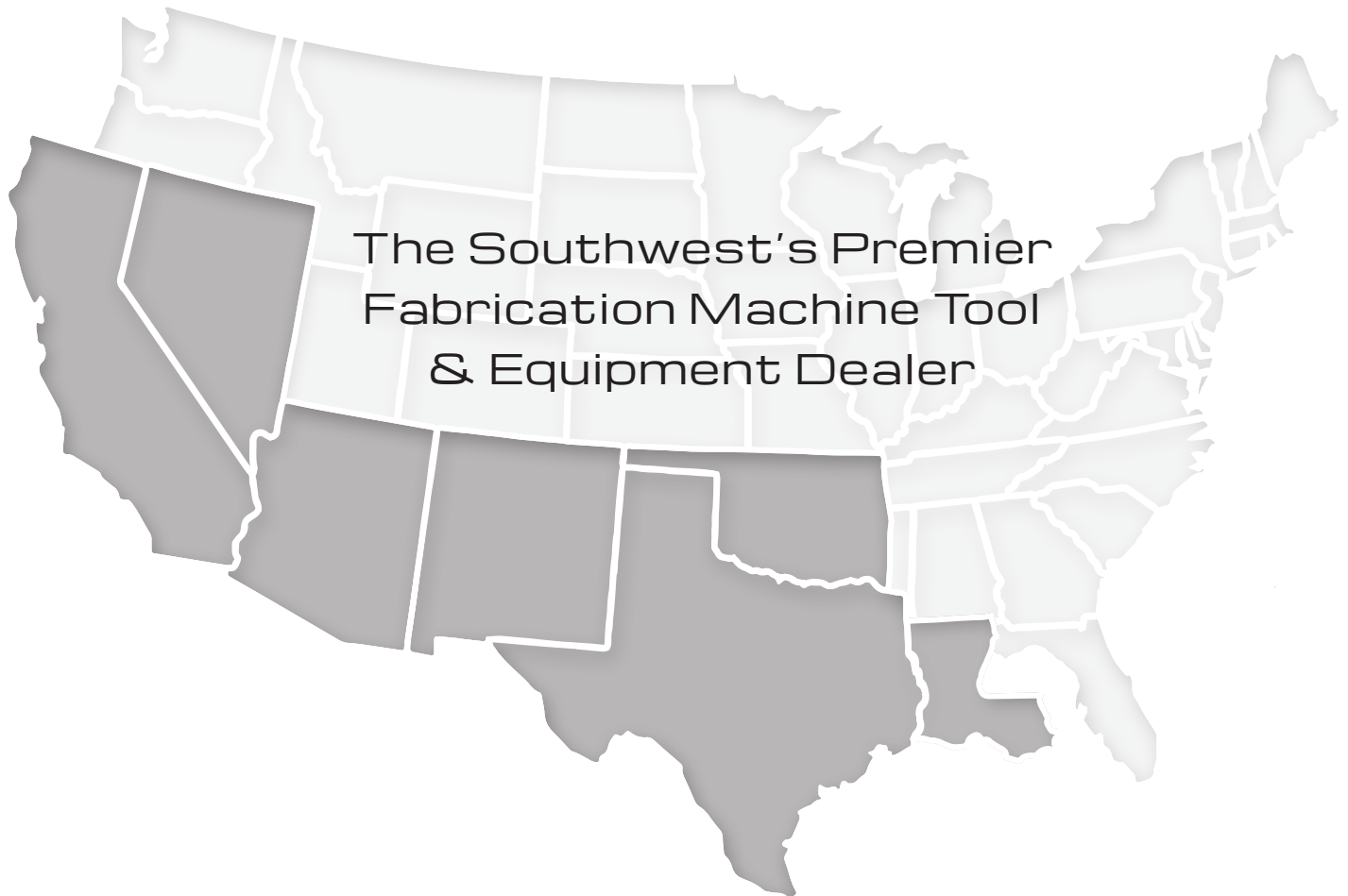
We can demonstrate the **start-to-finish fabrication process** from **programming, cutting, bending and welding in a fully automated environment**. Our Applications team and Service team are also available for application and service consulting. Scan the QR code for more information.



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