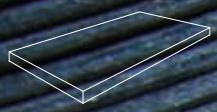
Mon. - Fri. 8 am - 5 pm
(800) 323-7227
www.calsteel.com

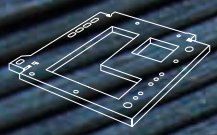
Leveling



Slitting

Equalizing

Laser Cutting



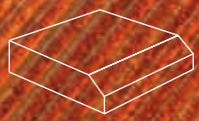
California Steel Services

Steel Distributor and Service Center

Plasma Cutting

Drilling

Beveling



Forming

Flat Bar Line

Come and Take a Look Inside

California Steel Services

It takes dedication to build and maintain a strong reputation for premium level-to-cut services in the steel processing industry. California Steel Services has done just that and has been rewarded with notable success and recognition.

The company was established in 1983 at a modest facility in Fontana, California, with a small amount of machinery but plenty of can-do attitude.

In 1996, California Steel Services undertook the arduous but worthwhile task of moving its operation and equipment to a newly-purchased facility in San Bernardino, California. Since then, California Steel Services has operated from a 6.5 acre facility entailing a 78,000 sq. ft. warehouse with state-of-the-art equipment, including an exceptionally large leveling line, a rotary shear, an equalizer, a slitting line, and impressive plasma and laser cutters.

As a family-owned, privately-held company, California Steel Services values its customers and demonstrates that value every day by tirelessly working on new solutions for today's market. We serve our customers by staying competitive, so that our businesses can grow alongside each other, meaning that our success is your success.

We provide complete steel fabrication services and superb products at the lowest prices possible. The staff believes that customer satisfaction is the primary reason for the company's continued success through the years. Let us prove ourselves to you!

Parviz Razavian
President

Material Weight	up to 100,000 pounds
Material Thickness	14 gauge to 1 inch
Leveling Width	up to 96 inches
Leveling Length	up to 50 feet
Rotary Shear	YES
Leveling Lines	4

Leveling

California Steel Services produces steel plates and sheets that stay flat after laser, plasma, or other thermal cutting or stamping. Our cut-to-length leveling line with 800 HP straightener, 100 HP tension leveler, and in-line rotary shear produces ultra-flat, stay-flat, high-strength steel. We accurately level coils up to 100,000 lb., ranging from 14 gauge to 1" thick, up to 96" wide and 60' long.

High-volume purchasing power gets us the best prices for steel coils, and we transfer that savings to our customers.
You can purchase the exact length of material you need while eliminating drops from using stock-size sheets or plates.

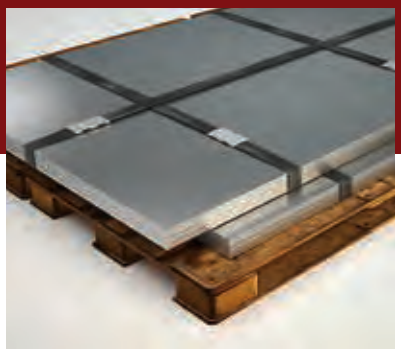
For more details about our free delivery within a 50-mile radius, call our support line at (800) 323-7227.

Ultra-flat, stay-flat, high-strength steel sheets and plates

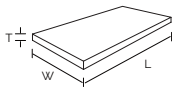
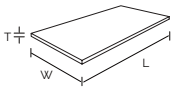
Kalmar 60,000 lb. forklift trucks

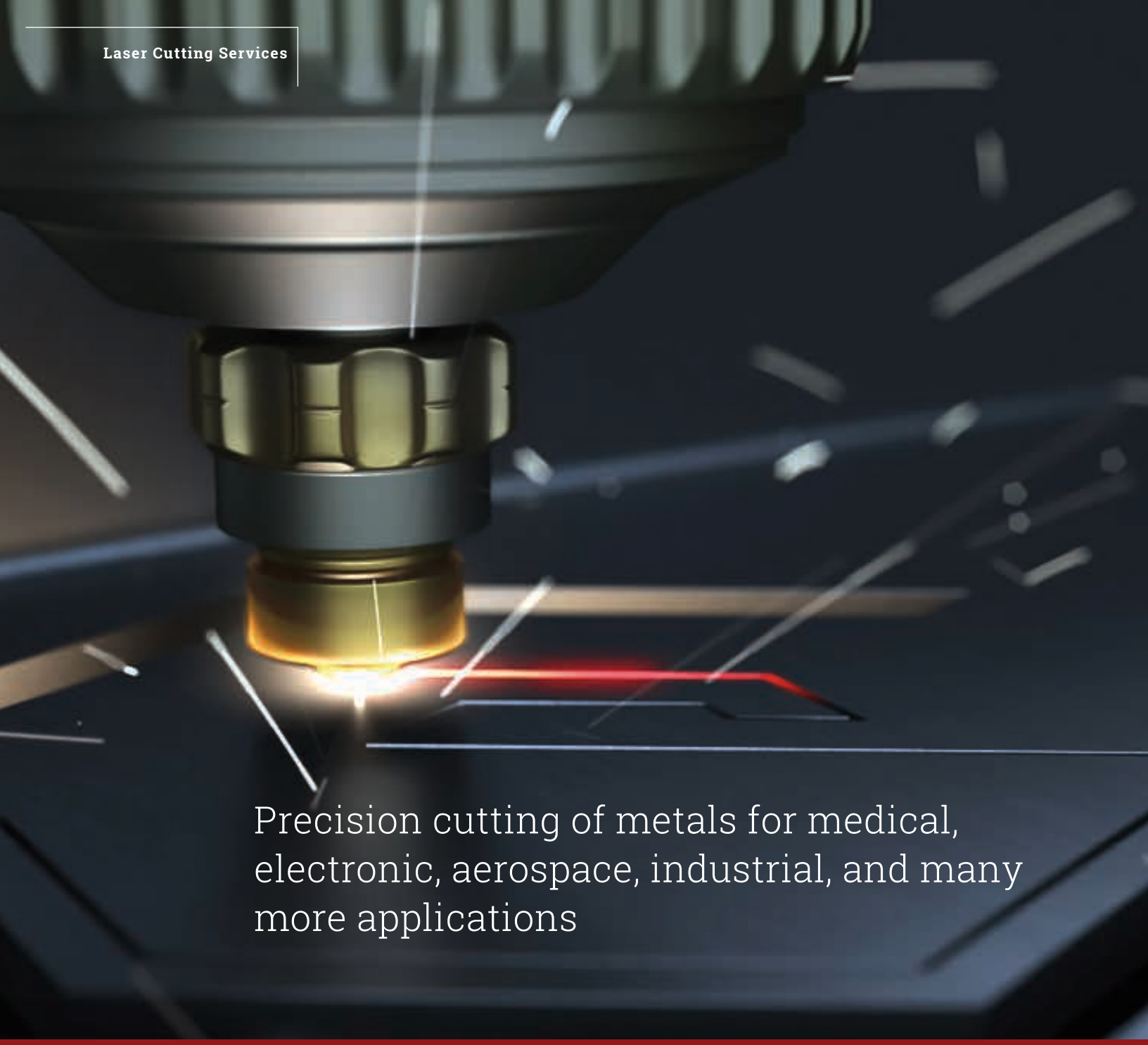
In-line shear cutter

Flat plates up to 1 in. thick



Leveling Line Products

	Width	Length	Thickness	Steel Grades
Plate 	36 in. to 96 in.	up to 600 in.	0.1875 in. to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Sheet 	36 in. to 96 in.	up to 240 in.	16 GA to 7 GA	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)



Precision cutting of metals for medical, electronic, aerospace, industrial, and many more applications

Laser Cutting

Laser	6,000 watts
Table	80 inches x 160 inches
Material Thickness	0.02 inch to 0.75 inch

“File to Part”
Intricate Shape Cutting

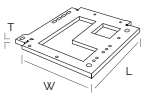
At California Steel Services, we produce complex parts ranging from 0.02” to 1.125” thick. Our laser cutter creates parts with burr-free edges and virtually no distortion.

We offer cost-effective solutions for rapid prototyping and for short and long run projects, which makes our services a good alternative to metal stamping and plasma or water jet cutting.

We can laser-cut a multitude of metals, including steel, stainless steel, alloys, copper, aluminum, and brass.

Our Fiber Laser Cutting System allows us to be more expedient, economical, and environmentally conscious.

Laser Cutting Products

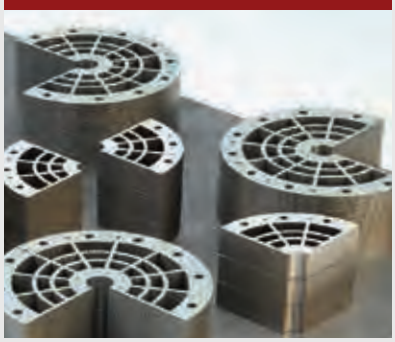
Custom Cuts	Width	Length	Thickness	Steel Grades
	up to 80 in.	up to 160 in.	0.02 in. to 0.75 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

Bystronic BySprint Fiber 4020

BySprint Fiber 4020 laser head

Custom-shaped laser cut products

Small intricate cuts



Plasma Cutting

Spindle Assembly	48hp (30 kw), 4000 rpm
Drilling	up to 4 inches
Boring	up to 8 inches
Tapping	1 1/4 inches
Tool Changer	24 tools (automated)
Machine Accuracy	+ / - 0.006 inch/3 feet (0.15 mm/m)

From Idea to Finished Part in One Take

We recognize today's market demand for better cut quality and closer part tolerances. On our plasma-cutting production line, the drilling, tapping, counterboring, and bevel slicing can be done in one set-up.

With just a touch of the screen, we control your part's shape, dimensions, and finishing details to an accuracy of 0.006". This accuracy is ensured by a user-friendly CNC controller, backed by a robust server network.

When accuracy, reliability, and repeatability are a must-have

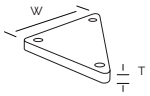
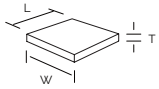
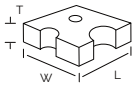
- Plasma Cutting
- Flame Cutting
- Bevel Cutting
- Automatic Tool Changing
- Drilling
- Milling
- Tapping
- Counterboring

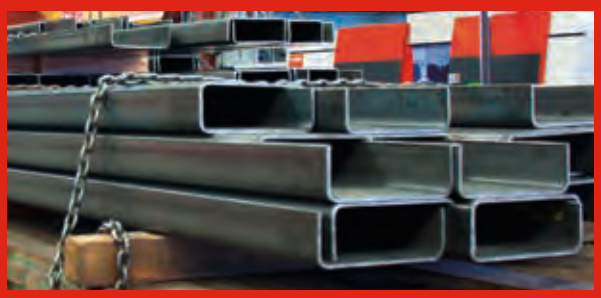
Kinetic K5000XMC

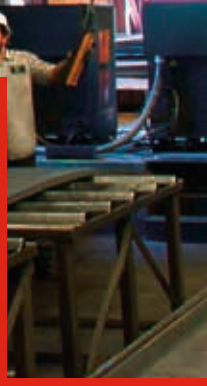
24 automatic tool changer

Gussets

Plasma Cutting Products

	Width	Length	Thickness	Steel Grades
Gusset 	3 in. to 12 in.	-	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80
Base Plate 	4 in. to 48 in.	4 in. to 48 in.	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80
Custom Cuts 	up to 120 in.	up to 480 in.	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)





Forming

Material Thickness	up to 1.5 inches (for steel & alloy) up to 6.0 inches (for aluminum)
Bending Length	up to 40 feet
Press Brakes Power	up to 2,000 ton
Bend Sequences	YES

The Art of Automated Forming: Quality Work

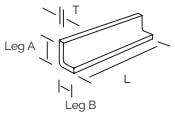
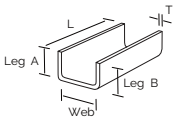
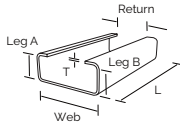
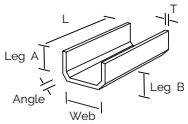
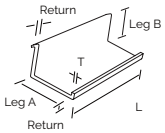
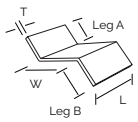
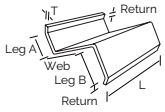
Metal bending for steel and alloy parts up to 40' long and 1.5" thick, and aluminum up to 6" thick

The main goal is always to strike a balance between the formability and strength of the material, which can be complicated by metal's natural elastic properties.
California Steel Services applies precise programming methods to control metal properties and to eliminate human errors in order to obtain required bend angles effectively. Equipped with CNC stations and automated back gauges, our press brakes maintain high accuracy and consistently deliver final products

with exceptional quality. The highly-trained computer operators pre-program the production steps for multiple bends at different angles, no matter how complicated the project may be.

California Steel Services employs four press brakes that are fed by our in-house, state-of-the-art leveling line, laser cutters, and plasma cutters. The complete in-house production cycle ensures speedy delivery and competitive pricing for short and long run projects of any forming complexity.

Forming Products

Formed Angle	Leg A/B	Web	Return	Length	Thickness	Steel Grades
	up to 12 in.	-	-	up to 480 in.	14 GA to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Formed Channel						
	up to 12 in.	up to 12 in.	-	up to 480 in.	14 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
C Channel						
	up to 12 in.	up to 24 in.	up to 12 in.	up to 480 in.	14 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Door Guard						
	up to 6 in.	up to 12 in.	-	up to 480 in.	12 GA to 0.25 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Stair Pan						
	up to 14 in.	-	up to 2 in.	up to 480 in.	12 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Z Plate						
	up to 8 in.	up to 16 in.	-	up to 480 in.	12 GA to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Z Purlin						
	up to 6 in.	up to 12 in.	up to 2 in.	up to 480 in.	12 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

Fix shape defects at elasticity level

Equalizing

Equalizer Drive	400 HP, 1850 RPM
Material Thickness	20 gauge to 0.25 inch
Material Width	up to 72 inches
Tension Rolls	24 inches (three rolls)
Tension Pressure	45,000 pounds

Don't Compromise on Equalizing

Imagine the pressure produced by two elephants standing on a single dime (it's about 40,000 pounds). That's how much pressure our equalizing equipment produces when we make side-to-side corrections in steel coils. It is near the elasticity level of the material.

California Steel Services turns coils with shape defects, such as waviness, center buckles, cambers, and twists, into flat, defect-free recoiled steel. It's one of our specialties.

Recoiled A36 HR steel

Equalizing Line

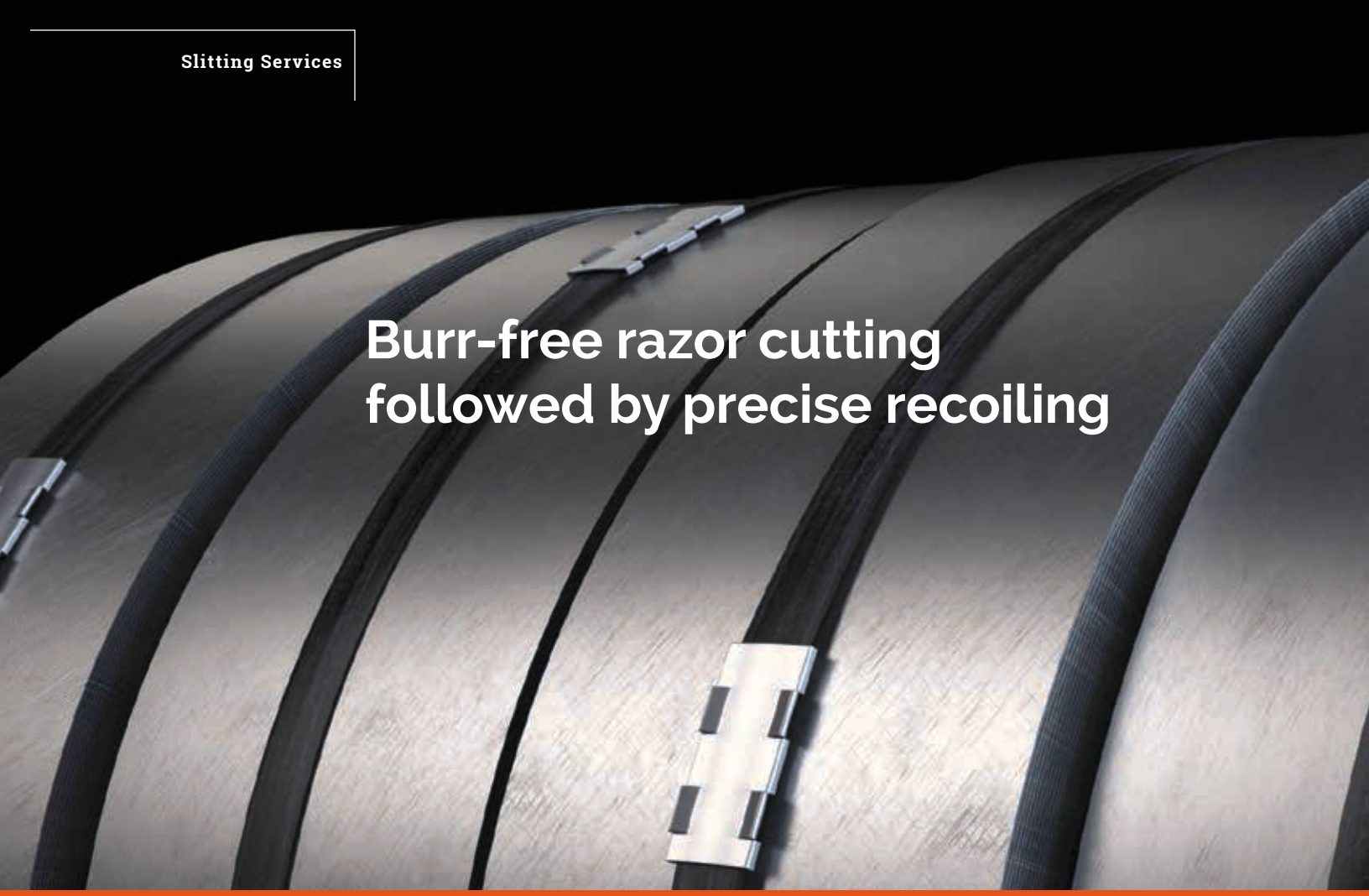
The process looks smooth and effortless but is actually quite sophisticated. There is no guesswork in the running of our electronic coil centering guide and 24" tension rolls or in our state-of-the-art server room with climate control and lightning speed network.

Our knowledgeable personnel manage the entire production cycle with computerized work stations, CNC units, and a state-of-the-art server room.

Equalizing Products

Equalized Coil

Weight	Width	Thickness	Steel Grades
up to 80,000 lbs.	up to 72 in.	20 GA to 0.25 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)



Burr-free razor cutting followed by precise recoiling

Slitting

Slitter Drive	500 HP, 1950 RPM
Material Thickness	10 gauge to 0.5 inch
Material Width	up to 72 inches
Head Arbor	up to 10 cuts per coil
Max Coil O.D.	80 inches
Max Coil I.D.	24 inches

The slitting process requires precise production tolerances. Specific measures ensure burr-free cutting and proper recoiling of the narrow strips. California Steel Services offers roll to roll, razor slitting and rewinding services.

We handle coil widths up to 72", unwind diameter up to 80". We cut simultaneously up to 10 strips and as narrow as 4" wide. With our CNC operated slitters, we are capable of producing the thinnest carbon steel strips on the market.

For clients who need cut-to-length products, we offer our flat bar line services as well. There is no time wasted whether you need the recoiled strips, flat bars or UM plates within a single order. We strive to meet your company's expectations.

Slitting coils up to 80,000 lb, ranging from 10 gauge to 0.5” thick and up to 72” wide.

Slitting Line

A1011 Slit Coil

A36HR P&O Slit Coil

Touch screen controller

Slitting Products

Slit Coil

Weight	Width	Thickness	Steel Grades
up to 80,000 lb.	4 in. to 72 in.	10 GA to 0.5 in.	A36, A1011, A572-50

Flat Bar Line

Leveler Drive	5 HP, 2000 RPM
Material Thickness	10 gauge to 0.5 inch
Material Width	up to 24 inches
Material Length	up to 40 feet
Coils Weight	up to 20,000 pounds

Flat Bars and UM Plates: stock, process, and deliver

Wide selection of quality UM plates and flat bars, ranging from 10 gauge to 0.5" thick, from 3" to 24" wide, and up to 40' long

For many years, California Steel Services' products have been a great source for forming, welding, and other metal fabricating project demands. Our personal work history shows that fulfillment time consistently stays at the top of our customers' wish lists, followed by the availability of graded steel inventory for immediate fabrication.

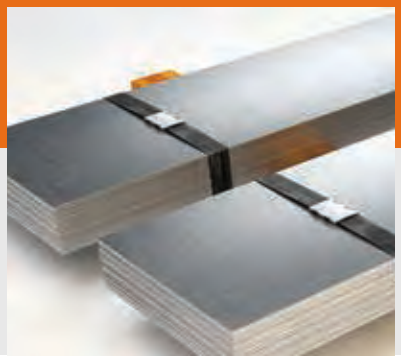
The programmable logic, push-button control panel, and many other advanced features make the production process of California Steel Services efficient and cost-effective for the customers.

We always carry and replenish a wide selection of graded steel coils in various strengths and dimensions for any fabricating project requirements, ensuring that we will have the materials you need to accomplish your project goals.

You don't need to waste your time and resources on the materials supply for your project or on the shipping arrangements for your finished bars and plates. We stock, process, and deliver it all for you!

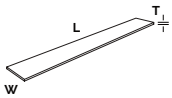
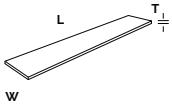
Flat Bars

UM Plates



CNC station

Flat Bar Line Products

Flat Bar	Width	Length	Thickness	Steel Grades
	up to 12 in.	up to 480 in.	10 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
Um Plate				
	up to 24 in.	up to 480 in.	10 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

The evolution

Power, Accuracy, Versatility

2020s

- Warehouse

2010s

- Laser Cutting

2000s

- Equalizing
- Slitting
- Flat Bar Line

1990s

- Plasma Cutting

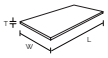
1980s

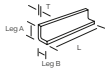
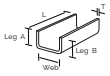
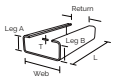
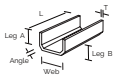
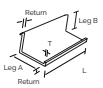
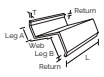
- Leveling
- Forming

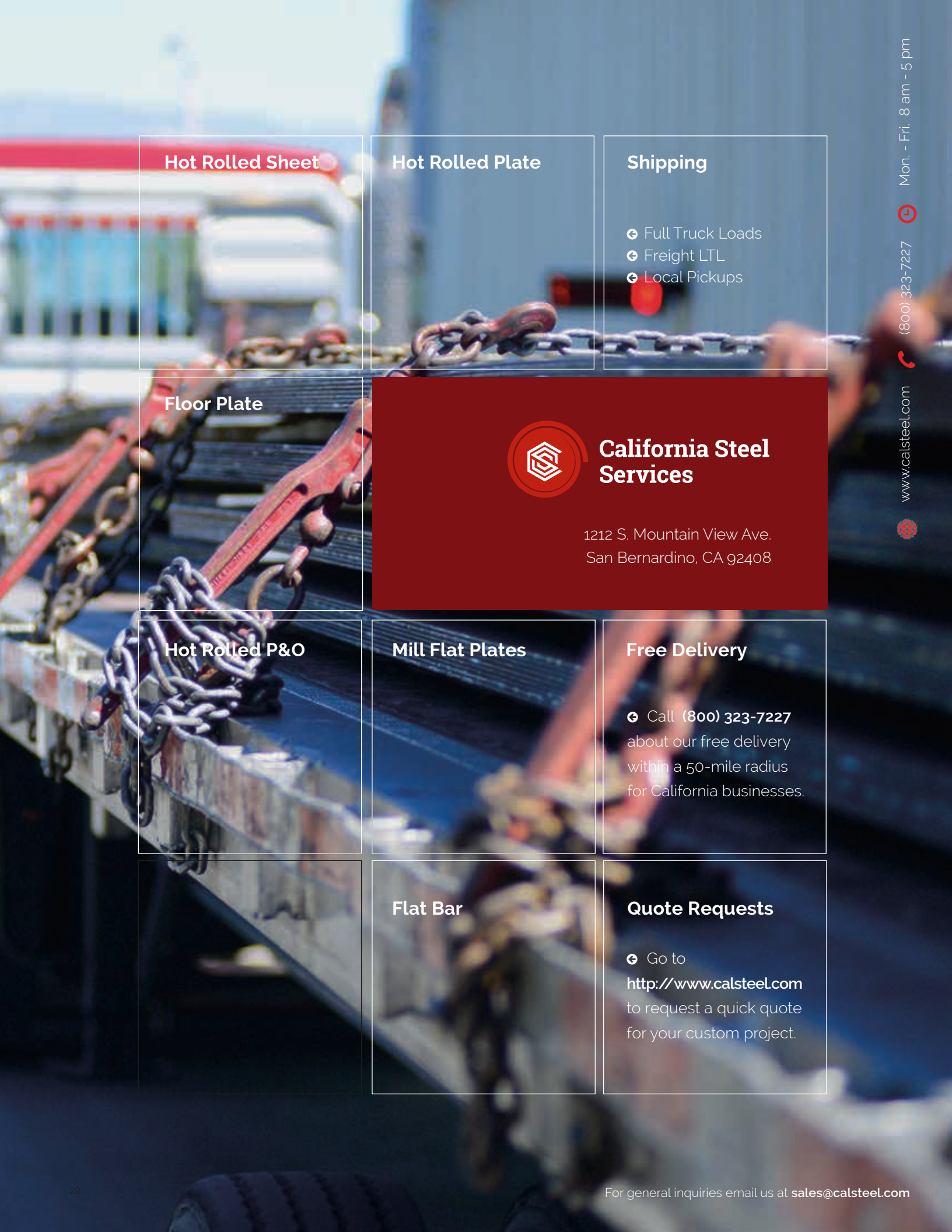
	Product(s)	Weight	Width	Length	Thickness	Steel Grades
	Custom Cuts	-	up to 80 in.	up to 160 in.	0.02 in. to 0.75 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

	Product(s)	Weight	Width	Length	Thickness	Steel Grades
	Equalized Coil	up to 80,000 lb.	up to 72 in.	-	20 GA to 0.25 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
	Slit Coil	up to 80,000 lb.	4 in. to 72 in.	-	10 GA to 0.5 in.	A36, A1011, A572-50
	Flat Bar	-	up to 12 in.	up to 480 in.	10 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
	UM Plate	-	up to 24 in.	up to 480 in.	10 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

	Product(s)	Weight	Width	Length	Thickness	Steel Grades
	Gusset	-	3 in. to 12 in.	-	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80
	Base Plate	-	4 in. to 48 in.	4 in. to 48 in.	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80
	Custom Cuts	-	up to 120 in.	up to 480 in.	12 GA to 3 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

	Product(s)	Weight	Width	Length	Thickness	Steel Grades
	Plate	-	36 in. to 96 in.	up to 600 in.	0.1875 in. to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)
	Sheet		36 in. to 96 in..	up to 240 in.	16 GA to 7 GA	A36, A1011, A572-50, GR65, GR70, A656 GR80, A786 (FLPT)

	Product(s)	Leg A/B	Web	Return	Length	Thickness	Steel Grades
	Formed Angle	up to 12 in.	-	-	up to 480 in.	14 GA to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	Formed Channel	up to 12 in.	up to 12 in.	-	up to 480 in.	14 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	C Channel	up to 12 in.	up to 24 in.	up to 12 in.	up to 480 in.	14 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	Door Guard	up to 6 in.	up to 12 in.	-	up to 480 in.	12 GA to 0.25 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	Stair Pan	up to 14 in.	-	up to 2 in.	up to 480 in.	12 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	Z Plate	up to 8 in.	up to 16 in.	-	up to 480 in.	12 GA to 1 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)
	Z Purlin	up to 6 in.	up to 12 in.	up to 2 in.	up to 480 in.	12 GA to 0.5 in.	A36, A1011, A572-50, GR65, GR70, A656 GR80 A786 (FLPT)



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