



KASPAR
WIRE WORKS





WHO WE ARE

Kaspar Wire Works' story is one that started well over 100 years ago, when August Kaspar refashioned the remnants of an old wire fence into a single corn-shuck basket. Since selling our first hand-fashioned inventions, we have developed our production offerings to include a wide range of capabilities: engineering, wire, sheet metal, machining and finishing. We remain at the forefront of innovation through

the utilization of our state-of-the-art machinery and knowledgeable craftsmen within our 40-acre manufacturing plant, spanning 550,000 square feet. Kaspar Wire Works turns your concept into a product completely in-house at our Texas-based facility. Experience the advantage of **AMERICAN MANUFACTURING SINCE 1898.**

kaspar

Kaspar Wire Works is a subsidiary of Kaspar Companies. With over a century of experience, Kaspar Companies is proud to say that our family of businesses spans 20 recessions, one depression, two world wars, oil embargoes, steel shortages and 20 presidential administrations. Through five generations of family ownership, Kaspar Companies has grown to be the parent company of seven subsidiaries: Kaspar Wire Works, Ranch Hand Truck Accessories, Texas Precious Metals, BEDROCK Truck Beds, Silverback Homes and Horizon Firearms. Headquartered in South Texas, Kaspar Companies has evolved and expanded into diverse industries while remaining grounded in the founding principles of quality American workmanship and honest business practices.

INDUSTRIES

Medical equipment

Food

Safety

Baskets

Shelving

Material Handling

Point-of-Purchase Displays

Aerospace

Automotive

Construction

Defense

Electrical

Oil and Gas

Saddlery Hardware

Recreational Equipment

CLIENTS



CAPABILITIES



Engineering



Wire



Sheet Metal



Machining



Finishing

ENGINEERING

Engineering is at the heart of manufacturing. It determines the quality and precision of the product. It allows innovation to emerge throughout the industry and its applications. It gives the customer consistently evolving solutions and long-lasting components in a world where manufacturing needs are persistently emerging. At Kaspar Wire Works, we pride ourselves on the extensive experience of our engineers and their dedication to developing their trades. We have the ability to offer you comprehensive engineering services throughout the timeline of product conception to completion.

Give us your idea, and our engineering experts will formulate a prototype that utilizes the latest technology in the most efficient design. Our engineers are proficient in 3-D mechanical design using both Master CAM and Solidworks Autocad software. Provide our engineers with a print or drawing of your product and they will design and construct a one-of-a-kind prototype. Your project's quote is managed by our engineering professionals in order to ensure complete accuracy in timeline and price quotations.





ENGINEERING

We can provide:

Design Assistance

- Wire division
- Sheet metal division

3-D Mechanical Design

- 3-D Scanning
- Master CAM
- Solidworks
- Autocad

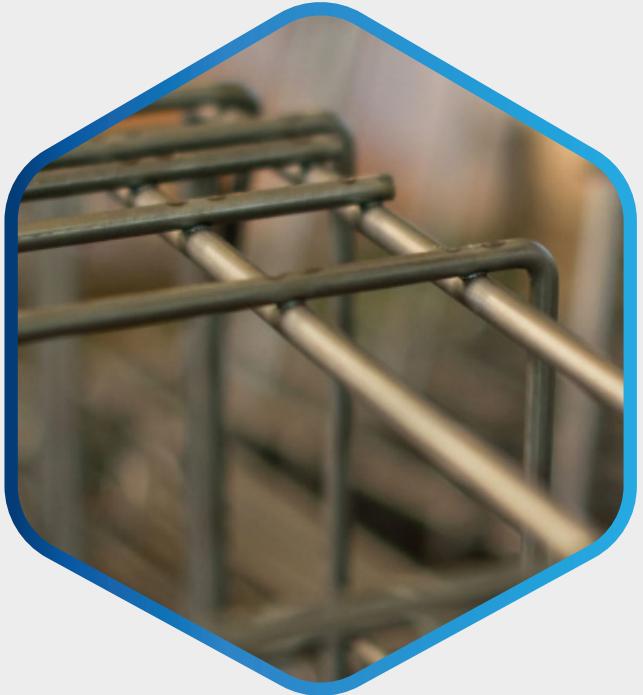
Prototyping

Quoting

WIRE

Long gone are the days in 1898 when Kaspar Wire Works' founder, August Kaspar , sat in the shade of a South Texas oak tree while forming and weaving wire into a basket with his bare hands and a pair of pliers. In fact, those original days were few in number because of our founder's determination to seek out advanced processes and incorporate them into his growing practice. He was both an innovator and engineer. It was only a few years into the wire business when he purchased a wire straightening machine. And since that very first machinery purchase, Kaspar Wire Works has consistently maintained a dominating presence in the industry for productivity, quality and innovative ability.

The diversity of our wire capabilities allows us to create superior products across a spectrum of industries and necessities, including food, safety, construction, point-of-purchase displays, medical equipment, saddlery hardware, material handling, recreation, oil and gas, and components for small applications. Each of our experts has over 20 years of experience, and they are trained to discover the most efficient and long-lasting method to accomplish your wire product needs.



WIRE

Wire Forming

- Custom wire forming
- Wire straightening and cutting (from .031 inches to .375 inches)
- 3-dimensional CNC forming (from .04 inches to .375 inches)
- 4-slide and multi-slide forming
- Hand tool bending
- Air and hydraulic tabletop bending (up to 5/8 inch)
- Chamfering, drilling and nibbling wire ends
- Range of power punch presses by bed size and tonnage (up to 600 tons)
- Press brakes in an assortment of widths and tonnage (up to 300 tons)

Metal Tubing

- Horizontal band saw
- Punch press
- Press brake
- Lathe abilities
- Threading
- Tapping
- Chamfering
- Sanding
- Bundle cutting
- Tube bending (up to 3 inches round or 1.25 inches square)
- Horizontal and vertical tube bending
- Tube swaging
- CNC tube punching

Welding

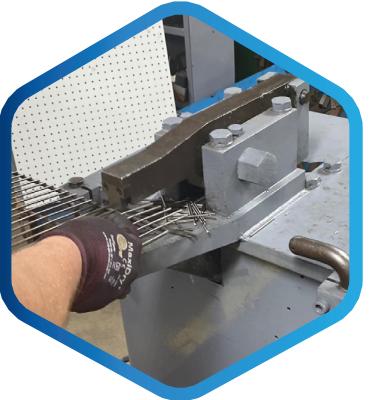
- MIG welding
- TIG welding
- Grill welding
- Butt welding
- Roll welding
- T welding
- Mesh welding (maximum size 60 inches by 137 inches)
- Robotic arc welding
- Automatic index table welding with 6-axis robotic arc
- CNC and manual resistance spot and press welding (up to 200 KVA)



Mesh Welder



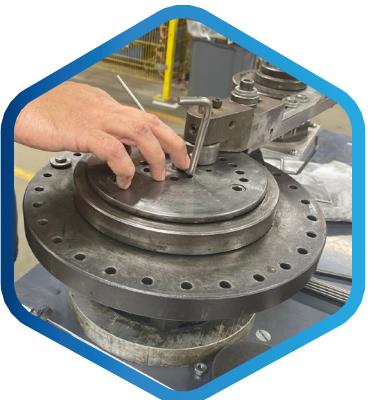
Basket Forming Press



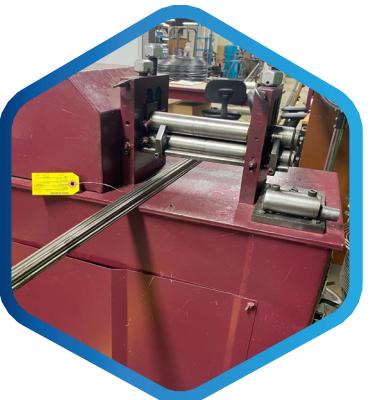
Clipping-Nibbling Operation



CNC Wire Forming



Hand Tool Bending



Ring Rolling Setup



Press Brake Machine



Threading Machine



CNC Position Welder



Tube Bending Machine



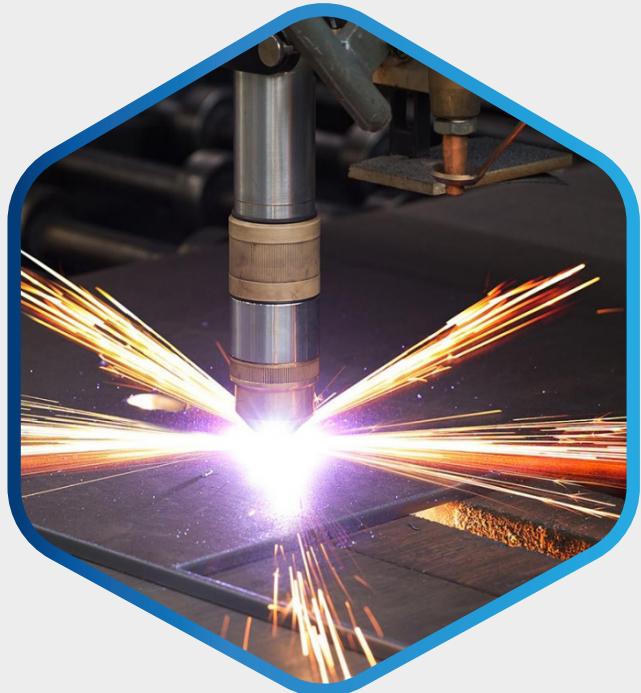
Punch Press



Bundle Bandsaw

SHEET METAL

Kaspar Wire Works's sheet metal division has a diverse range of tooling and machinery to give us flexibility in our product offerings, whether it's a one-of-a-kind creation or a large production run. From material choice to overall design, we are available to offer consistent assistance throughout the entire product creation process. Our extensive experience in sheet metal manufacturing allows us to properly handle a wide variety of gauges and materials, such as stainless steel, carbon steel, flat steel, angle iron and aluminum.



SHEET METAL

We can provide:



- Metal Punching
- Vibratory Deburring
- Laser Cutting
- Sanding
- Grinding
- Punch Press Stamping
(up to 300 tons)
- MIG, TIG and Heliarc Welding
- Resistance Welding
(up to 200 KVA)
- Metal Fabrication
- Water Jet
- CNC Turret Punch Presses
- Plasma Cutters
- Roller
- Press Brake (up to 300 tons)



CNC Router



CNC Laser/Punch Turret Press



Turret Punch Press



Coil Feed Press



Plasma Operation



CNC Press Brake



Press Brake



4K Laser



Large Capacity
Tubing Bender



3D Scanner



Water Jet Operation



Iron Worker



Auto Feed Sheer

MACHINING

The breadth of Kaspar Wire Works's machining and milling services contributes to the large scope of services we offer. Over a century of experience in the manufacturing industry has given us the opportunity to accumulate a diverse range of machining and milling capabilities. Our tenured professionals have an in-depth understanding of the evolution of machinery processes and techniques, which gives them an advantage in understanding and mastering this ever-changing industry.



MACHINING

We can provide:

Milling, Drilling and Turning

Sodick AQ537L EDM Machine

- Maximum cut length "X" is 21 inches
- Maximum cut length "Y" is 14 inches
- Maximum cut height "Z" is 11 inches

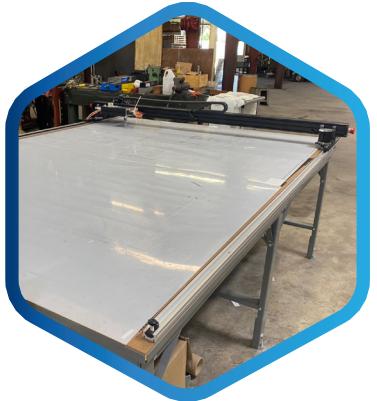
Fadal CNC Machining Center

- Maximum travel "X" axis is 60 inches
- Maximum travel "Y" axis is 30 inches
- Maximum travel "Z" axis is 30 inches

CNC Lathes

- Leadwell LT-10 with tailstock (6-inch maximum turn diameter, 12-inch maximum turn length, 2-inch spindle through hole)





Plotter Cutter



Manual Lathe for
Large Turning



4 Axis CNC Milling



Heat Treat Oven



Surface Grinders

FINISHING

A product really isn't finished until it's finished. Kaspar Wire Works has an entire plant dedicated directly to perfecting your finishing needs. Our facilities are equipped with a wide range of technological machinery and are capable of a complete range of finishes, including zinc, electropolishing, passivation, and powder coating. We offer X-ray thickness testing to ensure that your product is at the exact quality of finish requested. Our modern machinery gives us the ability to also strip zinc and paint off of a product. With passivation processes, we have the ability to enhance your product's corrosion protection. Kaspar Wire Works's finishing experts are available throughout the production process to offer you professional advice on which finish is appropriate for the environmental needs of your product.



FINISHING

We can provide:

Electroplating and Electropolishing

- Bright zinc and zinc with yellow chromate rack plating
- Oversized zinc rack plating
- Bright zinc and zinc with yellow
- Rack plating available for items fitting 80 inches by 69 inches by 30 inches
- Stainless steel electropolishing and passivating

Powder Coating and Painting

- Baked-on high-quality super polyester industrial powder-coat finish

Stripping

- Zinc stripping
- Paint stripping
- Available for items fitting 69 inches by 41 inches by 49 inches

Passivation

Silk Screening

- Photo screen development
- Automated screen presses
- Multicolor impressions
- Baked-on polyset silk screen impressions
- Signs and graphics
- Artwork
- Decals

Quality Assurance

- X-ray thickness test
- QUV ultraviolet and accelerated weathering test
- Weld pull test



Electro Polishing Rack



Zinc Plating Rack Line



Powder Coating Line



Cleaning Line Operation

Custom Solutions Made-to Order



Petri Dish Racks



Culture Tube Racks



Baskets with Covers



Test Tube Holders



Bottle Baskets



IV Holders / IV Poles



Emergency Relief
Stationary Cot



Emergency Relief
Articu-Cot

Thousands of other made-to-order products.



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