



Serviacero USA



At **Serviacero USA** we specialize in manufacturing steel bar grating, as well as round, square, and rectangular tubing.

We provide cutting and welding services for bar grating used in light and heavy traffic, perimeter fences, architectural elements, and stair treads across various sectors including construction, metal mechanics, mining, hospitality, maritime, and energy industries. As active members of the NAAMM (National Association of Architectural Metal Manufacturers), we adhere to manufacturing standards and innovate in engineering designs.

Our high-precision services for tubular products, including High Precision Tubing Cut-to-Length, High Precision Electronic Tube Bending, and Laser Cutting, underscore our commitment to delivering superior results on every project.

We ensure process reliability through quality management systems and continuous improvement practices compliant with **ISO 9001:2015** standards, all while focusing on meeting our customers' needs. We continuously invest in advancing our capabilities and expanding our product and service offerings to remain at the forefront of the industry.

GRATING PRODUCTS



Electroforged light traffic grating

Designed to facilitate the passage of liquids, air, and light, ideal for environments that require drainage and ventilation.



Electroforged heavy traffic grating

It withstands high loads without deformation, thanks to its thicker sole and reinforced structure.



Security Fences

Constructed from strong, durable galvanized steel with a robust design, it features a solid and secure anchoring system.



Architectural Elements

Each product is designed to excel in both aesthetic appeal and practical utility.

GRATING PRODUCTS



Electroforged Stair Treads

The perfect solution for stair structures that demand strength.



Mezzanines

Versatile solutions that transform environments, adding an extra dimension to meet your specific needs.

TUBULAR PRODUCTS



Square Tubing

Designed to stand out for its resistance and durability in any environment.



Rectangular Tubing

Manufactured with top quality materials and complies with ASTM A 500, A 513 and A 787 standards.



Round Tubing

Ability to adapt to the needs of your project, from scaffolding to fences.

	Size (inches)	Thickness (inches)	Lenght (inches)
Round	0.625" - 6.625"	0.359" - 0.2800"	119" - 500"*
Square	0.500" x 0.500" 5.000" x 5.000"	0.359" - 0.2500"	119" - 500"*
Rectangular	8.000" x 3.000" 1.000" x 0.500"	0.359" - 0.2800"	119" - 500"*

*For special lengths or shapes, please request additional information

Electroformed grating finishes and elements

We customize our solutions to meet specific needs, integrating durability, aesthetics, and resilience into every finish.



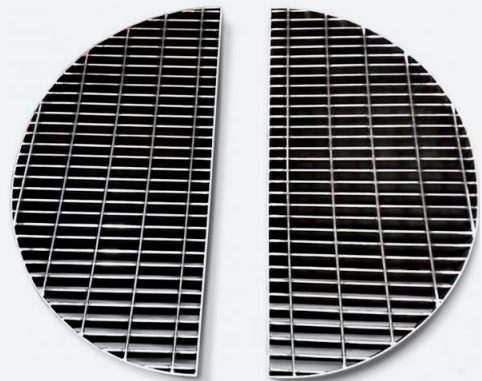
Electroformed bar grating cutting and welding

We are experts in cutting and welding, ensuring that structures are tailored to specific needs.



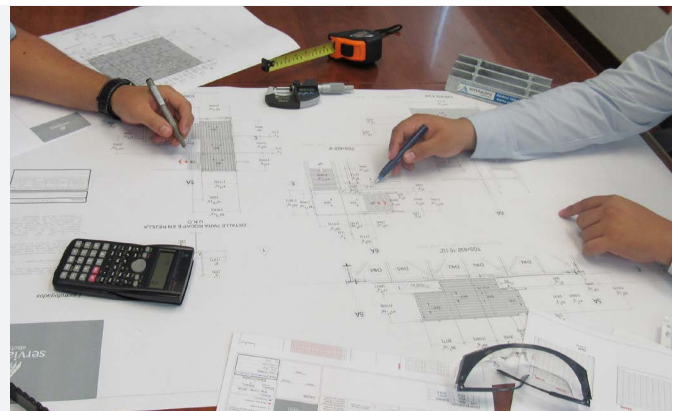
Manufacture of special electroformed gratings

We adapt to specific projects, offering tailored solutions with high-quality standards.



Engineering and design of electroformed grid elements

Our team of dedicated experts is committed to bringing your ideas to life.



SERVICES

High Precision Tubing Cut-to-Length

Our CNC-controlled cutting line offers high precision across round, square and rectangular tubing sections, with capacity for processing up to four different lengths per bar. Enhanced cutting precision is ensured through independent jaw locking.



Capacity Table

Material	HR, CR, P&O, Galvanized and Aluminized	
Thickness	0.0239" - 0.1345"	
Length	Specified Length	Tolerance
	20 / 4600 mm	-1 / +1 mm
Dimensions	Round	Ø 0.500" Min. - 4" Max.
	Square	0.400" x 0.400" Min. - 3" x 3" Max.
	Rectangular	0.400" x 0.500" Min. - 4" x 3" Max.

High Precision Tubing Cut-to-Length

Our band saw efficiently handles cutting of round, square, and rectangular tubes.

	(H) * (mm) Max.	
	N310 DADG	
Ø 0°	255 mm	
⊠ 0°	195 mm	
⊠ 0°	H 200 x 320 mm	
Ø 45°	205 mm	
⊠ 45°	H 195 x 195 mm	
⊠ 45°	H 80 x 210 mm	
Ø 60°	125 mm	
⊠ 60°	H 125 x 125 mm	
⊠ 60°	H 135 x 120 mm	
Ø -45°	205 mm	
⊠ -45°	175 mm	
⊠ -45°	H 190 x 170 mm	

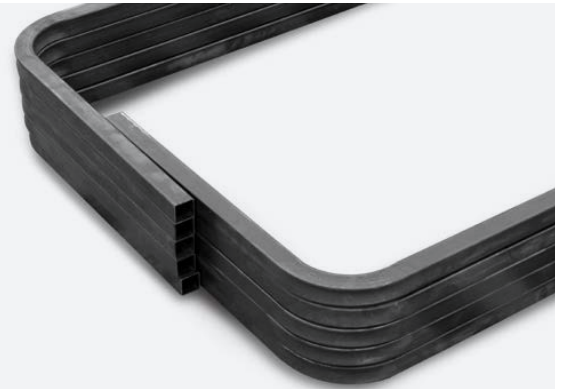


High Precision Electronic Tube Bending

Our Electronic Bending technology, integrated with 3D visual programming, is engineered for swift configuration, enabling the precise production of complex automotive components and serving multiple industrial sectors.

Capacity Table

Material	HR, CR, P&O, Galvanized and Aluminized	
Utilcenter length of the matrix	2060 mm	
Maximum radius of curvature	270 mm	
Minimum internal radius of curvature	45 mm	
Dimensions	Round	Ø 3.5" Max.
	Square	3" x 3" Max.
	Rectangular	2" x 3" Max.



With torque modulation throughout the cycle and multi-radius bending, our system guarantees precision and repeatability. The built-in 3D simulation software facilitates feasibility analysis without the need for tooling acquisition or physical samples.

Laser Tube Cutting

Our system's flexibility, powered by our advanced software, enables the seamless handling of both open and closed tubular profiles. This combination ensures fully automated work cycles and achieves precise cuts even in complex designs.



Capacity Table

Material	Hot Roll, Cold Roll, P&O, Galvanized and Aluminized.		
Thickness	0.024" - 0.500"		
Length	5mm - 12300mm		
Tube Length	Specified Length	Tolerance	
	5mm-12500mm	-.25 / +.25 mm	
Dimensions	Characteristics	Min.	Max.
	Round tube	0.50"	14"
	Square tube	0.50" x 0.50"	10" x 10"
	Rectangular tube	0.40" x 0.50"	12" x 8"
	Open profile	Under feasibility analysis*	

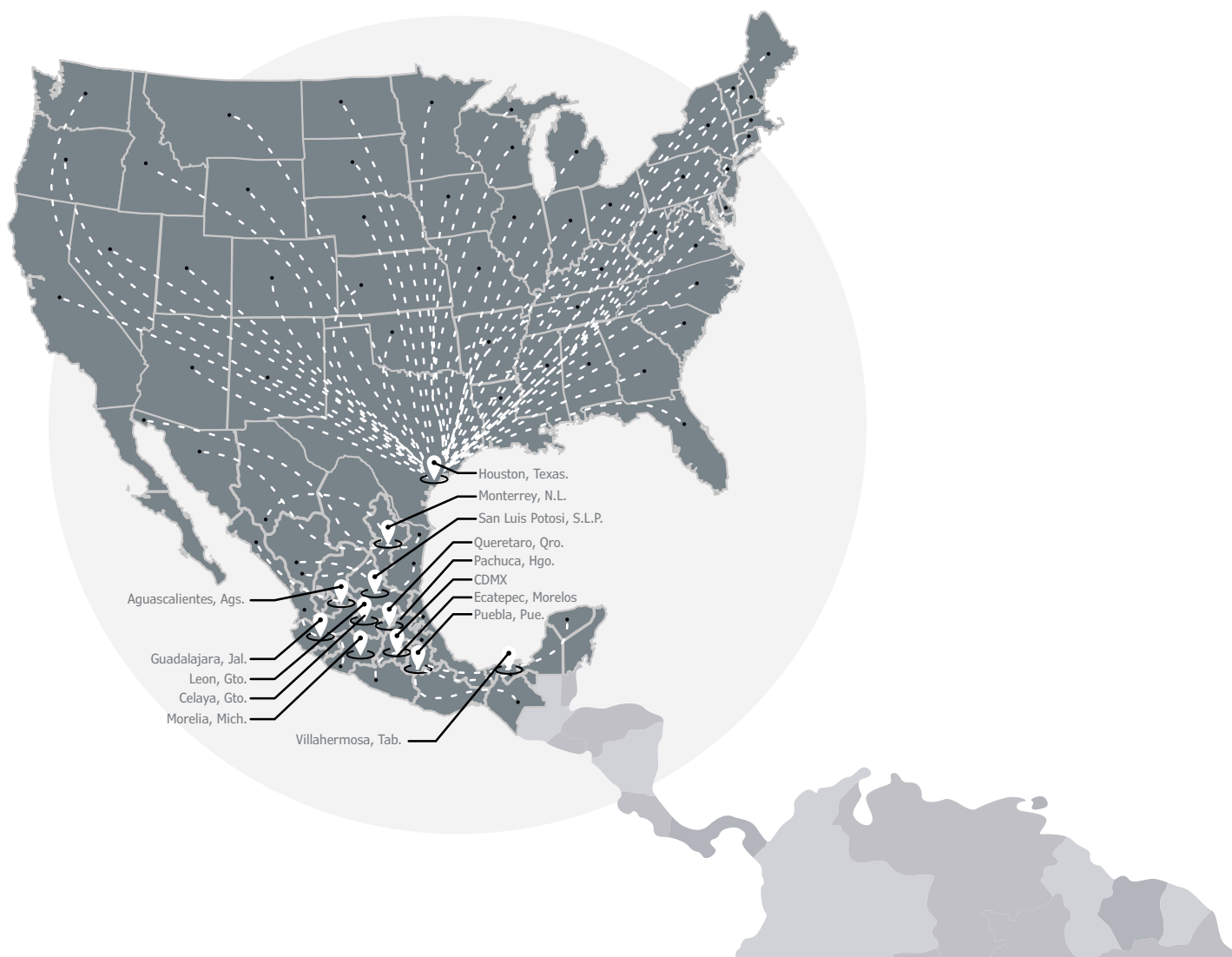



► **Large Selection of
Products Always
in Stock**




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We proudly introduce our subsidiary companies in Mexico. **We are the most comprehensive group** of integrated steel solutions in the country.

serviacero®



serviacero®
especiales

Dedicated to the commercialization and processing of bars and plates of alloy steels, aluminums, stainless steels, dimensional measuring equipment and engineering plastics.



serviacero®
electroforjados

Manufacturing and enabling bar gratings for light-duty and heavy duty traffic, perimeter fences and architectural elements.



serviacero®
WORTHINGTON

Dedicated to the commercialization and processing of bars and plates of alloy steels, aluminums, stainless steels, dimensional measuring equipment and engineering plastics.



serviacero®
comercial

We specialize in the processing and commercialization of carbon steel for the metalworking industry, equipment manufacturing and construction industries.



serviacero®
componentes

We specialize in the manufacture of metal components for the industry, through cutting, bending, machining, welding and painting processes.



serviacero®
tubulares

Dedicated to the manufacturing and production of tubular products for the Heavy Machinery, Construction, Metal Mechanics, Appliances, Furniture, Greenhouses and Automotive industries.



serviacero®
ORBIS

We design and manufacture solutions of packaging products includes racks, containers, baskets, dollies, pin pallets and assembly for the industry.

Your Reliable Supplier