



Helander Metal Spinning Company
All Spun Metal Products
An ISO 9001 & AS9100 Registered Company

Portfolios



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Aluminum Inlet for the Commercial HVAC Industry

The commercial HVAC industry requires durable and reliable components to maintain effective equipment and systems. By partnering with Helander Metal, clients can rest assured that components such as aluminum inlets will exceed their expectations and provide outstanding service.

Working with 1100, 3003, and 6061 aluminum, we fabricate commercial HVAC inlets through a combination of our superior metal spinning and machining processes. This featured inlet has a 0.060 of an inch material thickness and each inlet measures 8 inches long with a 20 inch product diameter. CNC turning and milling is used as the primary cutting method to form these components. We hold standard tolerances of +/- .030".

Metal spinning is an efficient process that produces parts with improved physical attributes to stand up to the extreme conditions of the commercial HVAC industry. As a comprehensive service provider, we fabricate components of the highest quality for a wide variety of applications.



Aluminum inlet for the Commercial HVAC industry. 0.060" thick aluminum 20.00" diameter X 8.00" height formed on a CNC spinning lathe.

Specifications for the Aluminum Inlet for the Commercial HVAC Industry

Capabilities Applied/Processes	Spinning, Machining
Typical Tolerance	(+/-0.030)
Material Thickness	0.060"
Product Length	8.00"
Product Diameter	20.00"
Cutting Method	CNC Turning & Milling
Typical Materials Used	1100, 3003, 6061 Aluminum
Industry for Use	HVAC
Volume	100pcs to 1000pcs
Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Cost	\$1,500.00 to \$5,000.00



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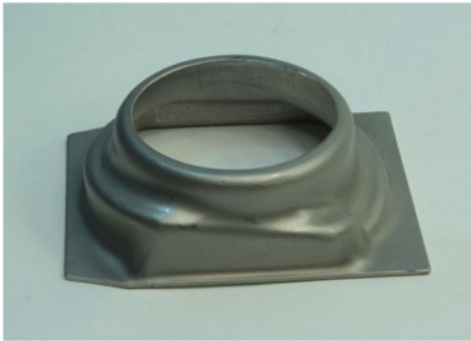
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“Hot Rod” / Specialty Automotive Components

The specialty car market requires a wide variety of unique and original types of parts and components. It takes a unique and original type of fabricator that can meet the highly specialized requirements of the Hot Rod automotive industry. At Helander Metal Spinning Company we understand how to make components that will have the structural integrity to withstand the temperatures and conditions found in engines and high-performance vehicles.

In order to fabricate these featured specialty car components, we use a combination of metal spinning and hydroforming processes. Working with stainless steel and CRS, the material is spun to form the cylindrical shapes, tight curves, and intricate grooves required of these components. By applying sheet hydroforming capabilities, we complete the fabrication of the parts to the client’s precise specifications. Typical material thicknesses range from 0.047” to 0.125”, with tolerances typically held to +/-0.003”.

Our outstanding metal spinning capabilities form high-performance parts with the hardness, tensile strength, reliability, and resistance to fatigue that is required by the Hot Rod industry.



14 gauge 304 s/s spring retainer 5" square X 1.625" height made on a hydroform press.



13 gauge 304 s/s spring retainer 6.5" diameter X 3.00" height made on a hydroform press.



Chrome plated steel for vintage hub cap 10.50" diameter. X 3.125" height x 16 gauge made on a hydroform press. v

Specifications for Hot Rod Components

Capabilities Applied/Processes	Hydroforming, Spinning
Tightest Tolerance	(+/-0.003")
Typical Material Thicknesses	0.047" to 0.125"
Cutting Method	CNC Turning & Milling
Material Commonly Used	Stainless Steel and CRS
Industry for Use	Specialty Automotive
Typical Volume	50pcs to 1000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$2,500.00



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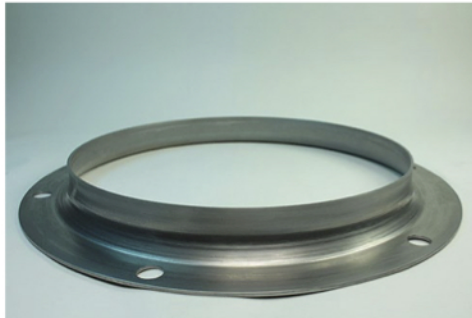
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Steel Housings for Street & Sanitation Vehicles

In order to manufacture housings for street and sanitation vehicles, Helander Metal Spinning Company relies on a combination of spinning, welding, and machining processes. Steel housings made through these processes have the required structural integrity to handle the demanding environment and conditions found in the sanitation and trucking industry.

Working with steel and stainless steel in thicknesses ranging from 0.060" to 0.375", we use CNC turning and milling as our primary cutting methods. Housings made through spin forming are efficiently produced with minimal tooling costs. Our components meet the exacting standards of our clients as well as our own. Tolerances of +/-0.020" are typical for these housings. Utilizing our top-quality capabilities enables us to provide the highest quality products.

As the leader in the metal spinning industry, Helander has the experience and skill to fabricate intricate metal components for a wide range of applications. The hardness, tensile strength, and resistance to fatigue make our components durable and reliable.



Flanged Steel ring used on a street sweeper. 24" diameter X 2.00" height X 0.170" thick steel.



Steel ring housing used on sewer cleaning equipment. 7.00" wide X 42.00" diameter X 0.154" thick steel.

Specifications for Steel Housings

Capabilities Applied/Processes	Spinning, Welding, Machining
Tightest Tolerance	(+/-0.020")
Material Thickness	0.060" to 0.375"
Cutting Method	CNC Turning & Milling
Material Used	Steel and Stainless Steel
Industry for Use	Street Trucks
Typical Volume	100pcs to 5000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00



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Medical Imaging Housing and Components for Laboratory Equipment

Helander Metal Spinning Company is a top-quality fabricator of medical imaging housings and components for laboratory equipment. Our capabilities enable us to meet the precise specifications that our clients require. In addition to exceeding our client's standards, we continually strive to uphold our own demanding expectations for high-quality components and services.

By employing a combination of superior hydroforming, metal spinning, welding, and machining processes, we produce components with precise details and improved physical attributes. Metals such as stainless steel, aluminum, brass, copper, and steel are formed into parts with material thicknesses of 0.018" to 0.375" and we have the ability to hold tolerances to +/-0.003". Prototyping to 5,000 piece orders are easily accommodated.

These components meet all regulatory standards and are suitable for patient use in offices, hospitals, and labs. We provide a superior fabricating service for components that are integral parts of high-tech medical and laboratory equipment.



Ring housing for a medical imaging machine, 68" diameter X 20", GMAW / MIG welded, 25 pcs assembly that has been painted. Tolerances as tight as 0.020".



Copper float made by hydroforming 0.030" thick 2" i.d. X 4" height.



18 gage 316 s/s rectangular part, 4.10" height X 2.80" wide X 2.00" long. Part made via hydroforming.

Specifications for Medical Imaging Housing and Components

Capabilities Applied/Processes	Hydroforming, Spinning, Welding, Machining
Tightest Tolerance	(+/-0.003")
Material Thickness	0.018" to 0.375"
Cutting Method	CNC Turning & Milling
Material Used	Stainless Steel, Aluminum, Brass, Copper, Steel
Industry for Use	Medical/Laboratory
Typical Volume	1pcs to 5000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$10,000.00



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Green / Alternative Energy Industry Components

Pleased to serve the alternative energy and green industries, Helander Metal Spinning Company manufactures alternative and green energy components using our superior hydroforming, spinning, welding, and machining processes. As an emerging and evolving industry, we supply fabricated components to improve performance and efficiency of alternative energy systems.

With the ability to hold tolerances down to ± 0.003 ", we offer unparalleled precision and quality and can meet exacting requirements: we offer material thicknesses from 0.018" to 0.250" , a 72" maximum product length, and an up to 80" maximum product diameter. We work with several types of materials, including 316 and 321 stainless steel, and 7075, 5052, and 6061 aluminum. If required, we can finish components with a gold anodization process. Our components are appropriate for use within solar energy, steam energy, wind energy, and fuel cell applications, and we can accommodate orders from 1 to 50,000 pieces. And with international delivery service, we can complete your order in just 4 to 12 weeks.

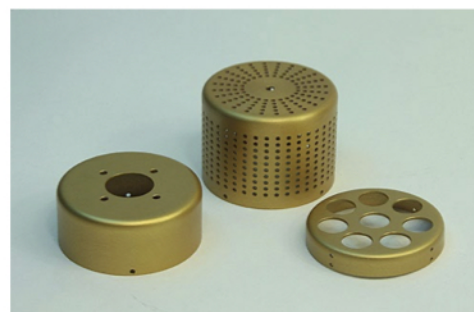
Helander has the capabilities to deliver high-quality components that conform to rigid specifications. Our outstanding products feature structural integrity to meet the demanding challenges found in the energy sector.



Stainless steel vessel used for Alternative Energy 11.00" height X 8.00" diameter X 18 gage 310 s/s



Gas burner tube made out of 16 gage steel tubing 1.00" diameter X 6" long.



Gold Anodized 0.040" Aluminum, electrical housing, three piece assembly. 3.00" diameter X 4.00" height.

Specifications for the Green & Alternative Energy Industry

Capabilities Applied/Processes	Hydroforming, Spinning, Welding, Machining
Tightest Tolerance	(± 0.003 ")
Material Thickness	0.018" to 0.250"
Product Length	Up to 72"
Product Diameter	Up to 80"
Cutting Method	CNC Turning & Milling
Typical Materials Used	316s/s, 321 s/s, 7075Al, 5052 Al, 6061 Al
Industry for Use	Solar Energy, Steam Energy, Wind Energy, Fuel Cells
Volume	1pcs to 50,000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00



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Light Reflectors for the Commercial Lighting & Architecture Industry

Working with aluminum, brass, copper, and stainless steel, Helander Metal Spinning Company applies superior hydroforming, metal spinning, and welding processes to fabricate light reflectors for commercial lighting. We rely on CNC turning as our cutting method, and can accommodate all sizes of orders. And, to further accommodate our clients, we feature international shipping and a 4 to 8 week delivery time.



36" Hemispherical light reflectors made out of .100" thick aluminum, painted different shades of lavender for a new wine store in California.



Variety of different light reflectors made at Helander Metal Spinning Company ranging from 1" diameter to 12".



Brass Door handle used on a commercial building in Manhattan, NY. Customer needed the part to be completely hollowed and light weight in order to prevent handle from shattering the 10 foot glass doors. Helander Metal Spinning had the solution. 12" height X 3" diameter X 0.060" Brass, produced 350pcs for one building.

Specifications for Light Reflectors

Capabilities Applied/Processes	Hydroforming, Spinning, Welding
Typical Tolerance	(+/-0.030")
Material Thickness	0.018" to 0.250"
Product Length	15.00"
Product Diameter	up to 36.00"
Cutting Method	CNC Turning
Typical Materials Used	Aluminum, Brass, Copper, Stainless Steel
Industry for Use	Commercial Lighting
Typical Volumes	1pcs to 5000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00



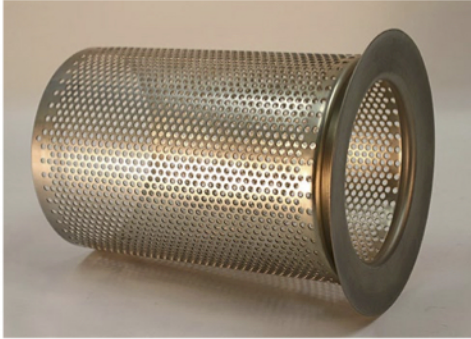
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Components for the Filtration & Separation Industry

Helander Metal Spinning Company fabricates filtration and separation components using a combination of hydroforming, metal spinning, and welding processes.



Perforated Filter Basket 20 gage 304 7.70" long X 5.00" diameter made on CNC spinning machine.



Air filtration sleeves and rings, 16 gage 304 s/s, ID polished to a #4 finish. 6" diameter od to 7" long.



Air filtration cartridge, 26 gage 304 s/s 6.25" height X 4" i.d. Made via CNC spinning and cylinder/tube welding.

Specifications for Filtration & Separation Products

Capabilities Applied/Processes	Hydroforming, Spinning, Welding
Typical Tolerance	(+/-0.030)
Material Thickness	0.018" to 0.250"
Product Length	up to 36"
Product Diameter	up to 72"
Cutting Method	CNC Turning & Milling
Material Used	Steel, Stainless Steel, Aluminum
Industry for Use	Filtration & Separation
Typical Volume	1pcs to 50,000pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00



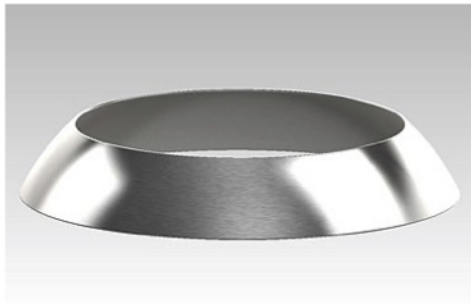
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Metal Components for Oil Drilling & Agriculture Industries

Helander Metal Spinning Company is pleased to manufacture components for the Oil and Agriculture Industries. Using our superior metal spinning and hydroforming processes, we work with several different metal types and grades. Our material thickness ranges from 0.018" of an inch to 0.250" of an inch in stainless steel. We use CNC machining as our primary cutting method, and hold tolerances down to +/- 0.010 of an inch. In addition, we offer material finishes ranging from 2B to a #4 brush finish.



One of the family of 17 parts that nest together for oil drilling. 35" to 40" DIAMETER X 4.00" to 6.00" Height X 0.250" thick 304 s/s. Parts are spun on a CNC spinning lathe.



Livestock feeder made out of 16gage 304 s/s 8.75" diameter bowl.



Component for earthmoving equipment found on farms and in industry. 7.00" diameter X 3.75" height X 14 gage steel.

Specifications for Oil Drilling Components

Capabilities Applied/Processes	Spinning
Typical Tolerance	(+/-0.030)
Material Thickness	up to 0.250"
Product Length	up to 36"
Product Diameter	up to 80"
Product Family	17 pieces per set
Surface Roughness	63 Ra
Cutting Method	CNC Machining
Material Used	304/316/321 Stainless Steel
Material Finish	2B to #4 brush finish
Industry for Use	Oil & Agriculture
Typical Volume	5 to 5000 pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$10,000.00



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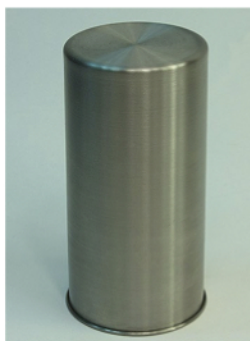
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Stainless Steel Components for the Waste Storage Industry

Stainless steel components used in the waste storage industry must meet the highest standards and requirements. Components must be able to withstand high temperatures and pressures found within reactors. Utilizing the metal spinning process to fabricate components allows us to make intricate shapes while maintaining tensile strength, hardness, and resistance to fatigue.

Using a combination of our refined spinning and welding processes, Helander Metal Spinning Company works with 304, 316, and 321 stainless steel to fabricate components for the waste storage industry. Holding tight tolerances, down to ± 0.020 ", we pride ourselves on providing our clients with the utmost precision and quality. With material thicknesses up to 0.250" in stainless steel, and an 72" maximum product diameter. Additionally, we can achieve a surface finish up to 63 Ra, and depend on CNC machining as our primary cutting method. And with delivery times from 4 to 12 weeks, we make sure you receive your order when you need it. We're pleased to accommodate orders up to 5,000 pieces.



304 s/s 6.80" height 3.4" diameter x 0.040" thick used to house +/- .005" tolerance plutonium bars. Formed via hydroforming and spinning.



304 s/s 0.250" thick 35.00" diameter X 12.00 Height polished to a 63 Ra, spun on CNC spinning lathe.



Customer picture of assembly for waste storage project using flanged cones spun at Helander Metal Spinning Company.

Specifications for the Waste Storage Industry

Capabilities Applied/Processes	Spinning, Welding
Typical Tolerance	(+/-0.020)
Material Thickness	0.018" to 0.250"
Product Length	36"
Product Diameter	72"
Surface Roughness	63 Ra
Cutting Method	CNC Machining
Material Used	304/316/321 Stainless Steel
Material Finish	Polish to 63 Ra
Industry for Use	Waste Storage
Typical Volume	5pcs 5000 pcs
Typical Delivery Time	4 to 12 weeks
Delivery Location	North America
Tooling Cost	\$1,500.00 to \$15,000.00



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Metal Components for the Aerospace & Defense Industries

The aerospace and defense industries depend on metal components that are of the highest quality and durability. With no room for error, metal components must be manufactured with exacting specifications, accurate dimensions, and durable materials. Helander Metal Spinning offers all of the qualities and capabilities to reliably supply industry-leading components.

Offering top-quality hydroforming, metal spinning, and welding services, we work with titanium, brass, 321 stainless steel, and 7075, 5052, and 6061 aluminum with material thicknesses ranging from 0.018" to 0.250". Our Hydroforming facility is equipped to handle a 20" maximum product diameter and a 10" height maximum, and we hold tight tolerances down to ± 0.010 " to meet our clients' high standards. We can accommodate orders ranging from 1 piece to 50,000 pieces annually, deliver internationally, and offer a 4 to 12 week delivery time.

Our ability to custom fabricate any type of specialized metal part allows us to partner with each client to meet their requirements for detailed part production. We fabricate high performance parts with intricate curves, tight grooves and precise details. These parts have better physical attributes that resist fatigue and have improved hardness and tensile strength. We provide the most efficient method to produce components with the structural integrity required for challenging applications.



6061 Aluminum, chromate conversion anodize finish. Custom cover for a military motor. 5.00" diameter X 6.50" height x 0.040" thick aluminum formed using hydroforming.



16 gauge 304 s/s, 3.00" od. X 1.50" height, formed using hydroforming.



16ga 1008 steel formed using hydroforming, 9.25" diameter X 0.375" height.

Specifications for the Aerospace and Defense Industry

Capabilities Applied/Processes	Hydroforming, Spinning
Typical Tolerance	+/-0.010"
Material Thickness	0.018" to 0.250"
Product Length	36"
Product Diameter	up to 80"
Cutting Method	CNC Turning & Milling
Material Used	Titanium, 321 Stainless Steel, 7075 Aluminum, 5052 Aluminum, 6061 Aluminum, S/S, Brass
Industry for Use	Aerospace & Defense
Volume	1pcs to 50,000pcs
Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00



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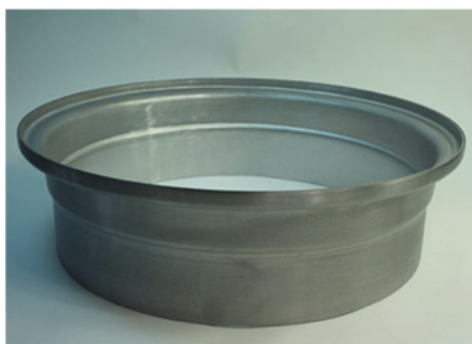
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Steel Wheel Rims for the Industrial and Military Industries

Helander Metal Spinning Company offers custom steel wheel rim fabricating in various sizes and designs to withstand rugged and harsh terrains. Our rims are made for accurate fitment and durability.

Working with steel, we fabricate wheel rims through a combination of rolling, seam welding, and metal spinning. Our ability to hold tolerances down to ± 0.010 " with material thickness, up to 0.250" allows us to provide our clients with quality components, which are often found at work in the military and industrial sectors. We can provide rims measuring 6.50" in width with a 20.00" diameter. Our material finishes range from outside diameter polish to a #4 brush finish, and we offer a 4-12 week delivery time.

Our outstanding metal fabrication capabilities enable us to provide steel wheel rims that are trusted and valued in industrial and military applications. It is our custom capabilities, high-quality components, and outstanding service that put us at the top of the industry.



Steel wheel rim half made from 0.250" thick steel, made via CNC spinning.

Specifications for Steel Wheel Rims

Capabilities Applied/Processes	Rolling, Seam Welding, Spinning
Tightest Tolerance	(± 0.010 ")
Material Thickness	up to 0.250"
Product Length	6.50"
Product Diameter	20.00"
Material Used	Steel
Material Finish	Diameter polish to #4 brush finish
Industry for Use	Military/Industrial
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$10,000.00



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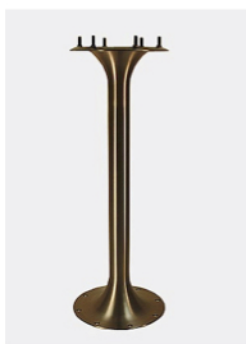
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Metal Furniture Components such as Metal Table Columns and Steel Chair Bases

Metal furniture components are widely used in design applications because of their clean lines, aesthetic qualities, strength, and durability. There are endless ways in which to use metal within furniture design and working with a leading fabricator in the metal spinning industry means that any custom component can be manufactured to exact specifications.

Employing a combination of metal spinning and welding, Helander Metal Spinning Company manufactures custom metal furniture components such as metal table columns and chair bases for commercial and domestic use. Constructed from steel with common material thicknesses that range from 0.040" to 0.135", table columns and legs can be produced in widths of 24" outer diameter and heights to 40". We offer finishes including #4 polish, chrome, or paint.

Our precise capabilities and outstanding service deliver metal furniture components in a wide range of sizes and styles to add a distinctive and unique feature for any piece.



End table column, three piece welded construction polished seamless with welded studs. 9" od. X 24" height X .075" thick steel.



Heavy duty table column end table column, three piece welded construction polished seamless with welded studs. 25" diameter X 39" height x .075" thick steel.

Specifications for Metal Furniture Components

Capabilities Applied/Processes	Spinning, Welding, Polishing
Typical Tolerance	(+/-0.030")
Common Material Thickness	from 0.040" to 0.135"
Product Width	24" OD
Product Height	40" tall
Material Used	Steel
Material Finish	#4 brush finish, Chrome, or Paint
Industry for Use	Furniture
Typical Volume	1pcs to 10,000
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Standards Met	Crush and Load Testing
Typical Tooling Cost	\$1,500.00 to \$5,000.00



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Aluminum Parabolic Antenna Reflectors / Satellite Communication Dishes

The satellite communication industry relies on the highest quality parabolic antenna/satellite communication dishes to provide accurate communications. For critical communication equipment, the industry turns to the outstanding metal fabricating technologies of Helander Metal Spinning to deliver equipment that is trusted by media companies, government and military organizations, data service providers, and telecommunications companies.

Working with 1100, 6061, and 3003 aluminum, our superior metal spinning process turns out satellite dishes and parabolic antenna with material thicknesses ranging from 0.060" to 0.187" and product heights from 3" to 16" and to tolerances of ± 0.020 ". We offer paint and powder coating finishes, and can accommodate satellite communication dish orders from 10 to 5,000 pieces. We box or crate orders for shipping according to customer specification, and can deliver orders within 2 to 8 weeks.

All of our work is done to precise specifications to support the most challenging applications. With extensive metal spinning capabilities, we are able to exceed expectations and deliver communication equipment that is of the highest quality in the industry.



2011 photo on an 8 foot satellite dish spun at Helander. 99.38" diameter X 15.50" tall, 0.125" aluminum. +/-0.060" gap on tolerance.



24" diameter X 5" height 1100-0 flat black powder coated 0.040 RMS.



High Precision 42" diameter X 8" height 6061-0 aluminum 0.080" thick .020" RMS. Clear anodized.

Specifications for the Satellite Communication Industry

Capabilities Applied/Processes	Metal Spinning
Tightest Tolerance	(+/-0.020)
Typical Material Thickness	0.060" to 0.187"
Product Diameter	4" to 100"
Typical Product Height	3" to 16"
Material Used	1100, 6061, 3003 aluminum
Material Finish	2B to #4 brush finish
Packaging	Boxed or Crated
Typical Volume	10 pcs to 5000 pcs annually
Typical Delivery Time	4 to 12 weeks
Delivery Location	International



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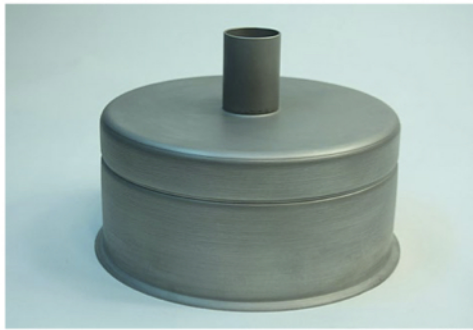
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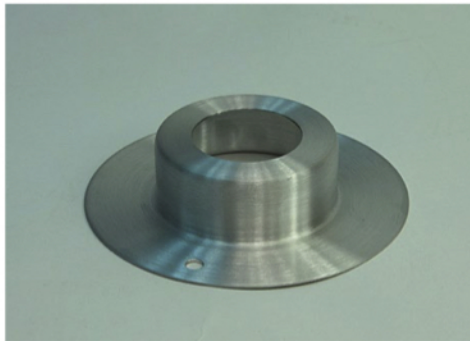
Industrial Pump Components

Helander Metal Spinning Company offers custom pump components that meet the precise specifications required of industrial pumping applications. With the highest quality metal fabrication capabilities in the industry today, Helander is the top-choice among aerospace, automotive, medical, and defense companies requiring the highest quality engineered and manufactured components.

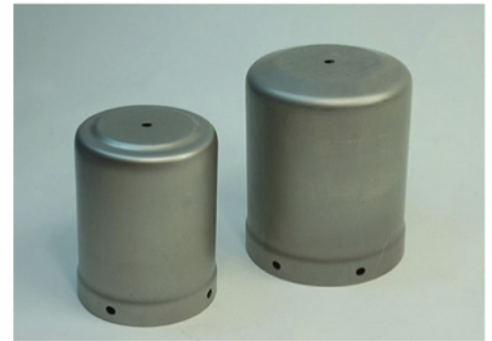
Industrial pump components are manufactured using hydroforming, metal spinning, and welding processes. We manufacture components from metals such as stainless steel or aluminum with thicknesses that range from 0.022" to 0.135". Our capabilities allow us to fabricate parts in a wide range of sizes to meet virtually any application. Available surface finishes are from 2B to #4 brush finish and meet requirements for corrosion resistance. Precisely engineered components are fabricated to exact specifications with typical tolerances held to ± 0.010 ".



14 gage 304 s/s housing, 8.50" diameter X 6" tall for oil mist eliminator for vacuum pump. Made with a combination of metal spinning, hydroforming, welding and machining.



0.060" Aluminum. pump shaft end caps. Parts are hydroformed. Family of parts range from 2" to 8" diameter X 3" tall.



16 gage 304 s/s 5" diameter X 6" tall. Pump cylinder housing. Hydroforming is the main process.

Specifications for Industrial Pump Components

Capabilities Applied/Processes	Hydroforming, Metal Spinning, Welding
Typical Tolerance	(+/-0.010")
Typical Material Thickness	from 0.022" to 0.135"
Material Finish	from 2B finish to #4 brush finish
Industry for Use	Industrial Pumps
Typical Annual Volume	100pcs to 5000pcs
Typical Delivery Time	4-12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$3,500.00
Typical Volume	1 pcs to 50,000 annually



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Metal Spun Components for Commercial Food Equipment

Helander Metal Spinning manufactures commercial food equipment using metal spinning, hydroforming, welding, and custom tube making. Our custom capabilities enable us to manufacture any component to exacting specifications. As a leader in all types of metal forming, we easily meet the needs of our customer's most challenging projects.

Our precision capabilities have led us to produce a wide range of products used in the food industry. Understanding the precise requirements for food safety helps us support our customers in each step of the manufacturing process. Whether the component is a cooking kettle or a decorative item, our products meet the highest food-grade quality standards.

For commercial food equipment, the most popular metal is 300 series stainless steel but we also manufacture components from aluminum, brass, copper, and steel. Material thickness ranges from 26 gauge to 1/4 of an inch, with product lengths between 1" and 20" (3" to 36") and outside diameter widths between 4" and 20" (1" to 72" OD). We typically hold tolerances down to ±0.015". Surface finishes are smooth or brushed and provide corrosion resistance, suitable for high temperature and wet environments. Optional finishes include baked enamel or paint to increase aesthetic value.



30" S/S Metal Spun Hemispherical Cooking Kettle with stainless steel lugs tig welded for mounting. 18" Height.



Enamel baked steel housing for a smoker, 22" diameter X 24" height. Formed using metal spinning.



13 gage 304 s/s inner housings for high pressure cookers. Diameters are 12" to 24" and height is 18". Formed using automatic seam welded cylinder and metal spinning.

Specifications for Stainless Steel Commercial Food Equipment

Capabilities Applied/Processes	Metal Spinning, Welding, Custom Cylinder
Standard Tolerances	(+/-0.015") to (+/-0.045")
Material Thickness	26 gauge to 1/4"
Typical Product Length	3" to 36"
Typical Product Width	1" to 72" OD
Surface Roughness	2B to 32Ra / #4 brush finish
Cutting Method	CNC Turning and Milling
Common Material Used	300 series stainless steel
Industry for Use	Commercial Food Equipment
Typical Volume	1 pcs to 50,000 annually
Typical Delivery Time	4 to 12 weeks
Delivery Location	International
Typical Tooling Cost	\$1,500.00 to \$5,000.00