

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	\$500.00 to \$5000.00