

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 ¼ 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 ¼"
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	\$1000.00 to \$5000.00