

## Facility Capabilities

	<a href="#">Carondelet Division</a> 8600 Commercial Blvd. Pevely, MO 63070 T: 1-636-479-4499 F: 1-636-479-3399	<a href="#">Sandusky International Division</a> 510 W. Water St. Sandusky, OH 44870 T: 1-419 626-5340 F: 1-419 626-3339	<a href="#">Wisconsin Centrifugal Division</a> 905 E. St. Paul Ave. Waukesha, WI 53188 T: 1-262-544-7777 F: 1-262-544-7843	<a href="#">Wisconsin Investcast Division</a> 661 South 12th St Watertown, WI 53094 T: 1-920-261-2114 F: 1-920-261-5663
<b>Plant Size</b>	180,000 ft <sup>2</sup> / 16,700 m <sup>2</sup>	250,000 ft <sup>2</sup> / 23,000 m <sup>2</sup>	450,000 ft <sup>2</sup> / 42,000 m <sup>2</sup>	70,000 ft <sup>2</sup> / 6,500 m <sup>2</sup>
<b>Alloys</b>	Stainless steel, nickel, cobalt, and steel alloys	Ferrous and non-ferrous alloys	400+ ferrous and non-ferrous alloys	Stainless steel, nickel, cobalt, and steel alloys
<b>Casting Processes</b>	Static Sand	Horizontal Centrifugal and 15lb Static Ingot	Horiz + Vert Centrifugal	Investment
<b>Max Size</b>	144" / 3,660mm	60" / 1525mm diameter 432" / 11000mm length	<u>Horizontal</u> 50" / 1,270mm dia. 240" / 6,100mm length <u>Vertical</u> 180" / 4,572mm dia.	40" dia. x 34" length / 1,016mm x 864mm
<b>Max Pour Weight / Cast Weight</b> (As-Cast Centrifugal can ship at this weight)	36,000lb / 16,360kg	125,000lb / 56,700kg	<u>Non-Ferrous</u> 34,000lb / 15,450kg <u>Ferrous</u> 24,000lb / 10,900kg <u>Vacuum</u> 800lb / 364kg	2000lb / 907kg
<b>Max Net Ship Weight</b>	18,000lb / 8,165kg	125,000lb / 56,700kg	<u>Non-Ferr Finish Mach</u> ~24,000lb / 10,900kg, <u>Ferrous Finish Mach</u> ~17,000lb / 7,730kg <u>Vacuum Finish Mach</u> ~600lb / 270kg	1000lb / 453kg
<b>AOD Capacity</b>	10,000lb / 4,550kg	40,000lb / 18,200kg	12,000lb / 5,450kg + Arc	N/A
<b>In-house Capabilities</b>	Isocure and no-bake molding (IMF + floor), HPLT molding, Heat treat, NDT, Inspection and lab services	Heat Treat, NDT, Inspection and lab services	Heat Treat, NDT, Inspection and lab services	State of the art robotic shell lines, NDT, Inspection and lab services
<b>Other Capabilities</b>	In-house pattern shop, patternless molding capability	Complete rough and finish machining, grinding, balancing, surface and end drilling facilities	Complete rough and finish machining facilities, rapid prototyping	Finish machined parts, ceramic and soluble cores, rapid prototyping
<b>Certifications</b>	ISO9001, NORSOK, PED, Material Qualified Material Organization and numerous customer approvals	ISO9001 and numerous customer approvals	ISO9001, AS9100, Nadcap, various MIL specs, Nuclear ASME Sec III, PED, and numerous customer approvals	ISO9001, AS9100, Nadcap, various MIL-Specs and numerous customer approvals
<b>Solidification Modeling</b>	MagmaSoft, ModelingProE	N/A	Flow3D, SolidCast	ProCast, SolidCast
<b>Elect. Info Transfer</b>	STEP, IGES, ProE	SolidWorks	STEP, IGES, ParaSolid	SolidWorks, ParaSolid, STEP, IGES