Manufacturing Quality Carbon & Low Alloy Steel Castings
FROM 1 TO 10,000 POUNDS SINCE 1923
For 90 years, Sawbrook has been a leader in the production of the highest quality carbon and low alloy steel castings for a broad spectrum of American industry.

Our manufacturing facility in Cincinnati, Ohio produces a wide range of steel casting shapes and sizes from 1 to 10,000 pounds.

With a monthly production capacity of 325+ tons, we deliver complete customer satisfaction on even the most demanding projects.

At Sawbrook we are committed to producing the highest quality steel castings at the most economical price. For experienced leadership and time-proven performance, Discover the Sawbrook Advantage.
CORES AND MOLDS
Sawbrook takes extreme care in the making of cores and molds to assure good surface finish and correct dimensional control. Cleanliness, proper dryness, permeability and hardness of the cores and molds are all carefully monitored, resulting in the highest quality finished casting.

CORES
Oil Sand, CO², No Bake, and Shell, depending on the specific design of the casting and its final function

MOLDS
Green Sand and No Bake

SQUEEZER
Osborn Squeezer machines
Flask sizes: 12”x12” to 18”x18”

COPE & DRAG
Osborn Cope and Drag machines
Flask sizes: 16”x16” to 30”x30”

FLOOR
Flask sizes: 24”x24” to 120”x120”

SAWBROOK STEEL IS COMMITTED TO QUALITY CONTROL
At Sawbrook, we are constantly working to produce better steel castings. New techniques and methods all along the production line are aimed toward one common goal: the finest steel castings possible. Computerized internal controls and strict adherence to our Quality Control Manual are constantly employed to improve our foundry standards.

HEAT TREATING
Methods include stress relieving, annealing, normalizing, quench and tempering.

MELTING
The Electric Arc Furnace process produces a steel with maximum fluidity and excellent mechanical properties. Heat sizes range from 7,500 pounds to 15,000 pounds.

INSPECTION
Inspection is a continuous operation throughout the casting process to maintain Sawbrook’s high standards of quality. Magnetic particle, liquid penetrant, ultrasonic, radiographic, spectrographic, and hardness testing procedures are utilized.

TESTING
Certifications for both chemical composition and physical properties are available by request.

QUALITY AND RELIABILITY FOR AMERICA’S LARGEST MANUFACTURERS
- Hoists and Industrial Cranes
- Power Cranes, Shovels, Draglines, Off-the-Road Vehicles and Replacement Parts
- Mechanical Power Transmission Equipment
- Specialized Mining Machines Equipment and Repair Parts
- Specialized Freight Train Cars
- Machine Tools
- Oil Field Machinery and Equipment
- Crushing and Pulverizing Equipment
- Valves
- Presses
- Gear Industry
### STANDARD SAWBROOK STEELS

Materials commonly poured at Sawbrook Steel. If you don’t see what you are looking for, please contact us.

<table>
<thead>
<tr>
<th>AISI Grade</th>
<th>C</th>
<th>Mn</th>
<th>Cr</th>
<th>Ni</th>
<th>Mo</th>
<th>Tensile Strength (ksi)</th>
<th>Yield Strength (ksi)</th>
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<td>.70 max</td>
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Residuals will be below maximum concentrations when applicable.