

COMMERCIAL CASTINGS DIVISION



# Casting your ideas every day.



What would you expect from a company that has  
been designing and pouring iron castings  
for a hundred years? The answer is simply...“a lot!”  
Because that’s what we expect of ourselves.  
We have spent the last century improving our  
operation and training our work force so we can always  
exceed our customers’ expectations.

Depending on your casting configuration, Charlotte can offer you the flexibility of Disamatic, Roberts Sinto or HWS molding machines. Our wide-range of core equipment can produce shell or cold box cores to match any casting design. Our modern in-house pattern shop ensures seamless tooling development and maintenance.

Efficient production is assured by our 70-ton-per-hour melting facility, automatic pouring, and coordinated hot metal transfer throughout the shop. Our metallurgical laboratory verifies chemistry by spectrographic analysis. Standard mechanical tests and metallographic analyses are performed as specified by customer requirements. We also employ strong proactive environmental, safety and health programs.

Charlotte’s success has been the result of our employees’ commitment to continuous improvement and excellence in manufacturing and customer service. Enterprisewide SAP software helps us manage all aspects of customer service, manufacturing, shipping and invoicing. Product bar coding aids in tracking shipments for fast, efficient delivery. And our customer-focused staff is committed to doing whatever is necessary to make working with us a pleasant experience. Quality. Delivery. Service. Commitment. It’s all about getting it done right the first time—and you don’t last as long as we have by making promises you can’t keep.

Call **800 438 6091** or visit us on the web at **[charlottecastings.com](http://charlottecastings.com)** to learn more about the “Charlotte” way.





Disamatic 2013 Mk V B



Robert Sinto FBO III



HWS



OKK CNC Machines

Call (800) 438 6091, or visit [charlottecastings.com](http://charlottecastings.com) to find out more.

>> Capabilities

>> Casting Size

1 to 300 Pounds

>> Molding

- 2-Disamatics 2013-B  
21" x 25" Flask Size
- 1-Roberts Sinto FBO III  
20" x 24" Flask Size
- 1-HWS  
32" x 50" Flask Size

>> Melting

- Cupola
- 70 Tons Per Hour
- Gray Iron
- Two 80 Ton Holding Furnaces
- Pressure Pour Furnaces

>> Core Making

- Shalco U 180
- Shalco U 360
- B & P 5 FSP 10 A
- Laempe L-50
- Laempe L-40
- Laempe L-25

>> Casting Capability

- Valves
- Pumps
- Motors
- Material Handling
- Compressors
- Plumbing

>> Pattern Shop

- Pattern Foundry
- 3D Scanner
- Precision CNC Machinery
- 2D and 3D CAD
- MAGMA Solidification Software

>> Value-Added Services

- Machining: 2-Horizontal CNC Mills
- 2-CNC Lathes
- 2-Industrial Drill Press
- Ecoat: On-site ecoat facility with zinc phosphate pretreat and cationic epoxy top coat

PO BOX 35430  
CHARLOTTE  
NORTH CAROLINA 28235  
PHONE (704) 372 5030  
(800) 438 6091  
FAX (800) 553 1605  
WWW.CHARLOTTECASTINGS.COM



**Mission Statement:**

**Integrity is our foundation, meeting  
the expectations of our customers,  
associates and owners is our commitment.**