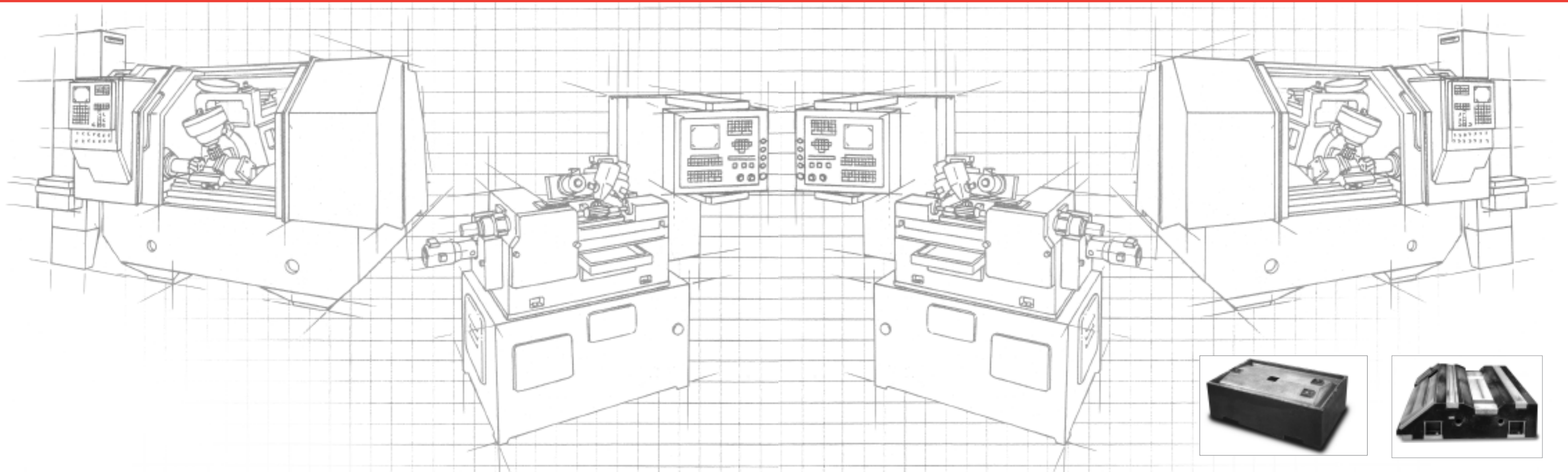


High quality castings, on time, for a competitive cost



Accures Casting, LLC
140 Greentree Road
Chagrin Falls, OH 44022
(440) 343-0461



What is Accures™ polymer composite?

Accures™ polymer composite is the most advanced scientifically formulated composite material designed for casting machine structural components. It is a combination of high strength epoxy, precisely graded mineral aggregates and selective fillers.

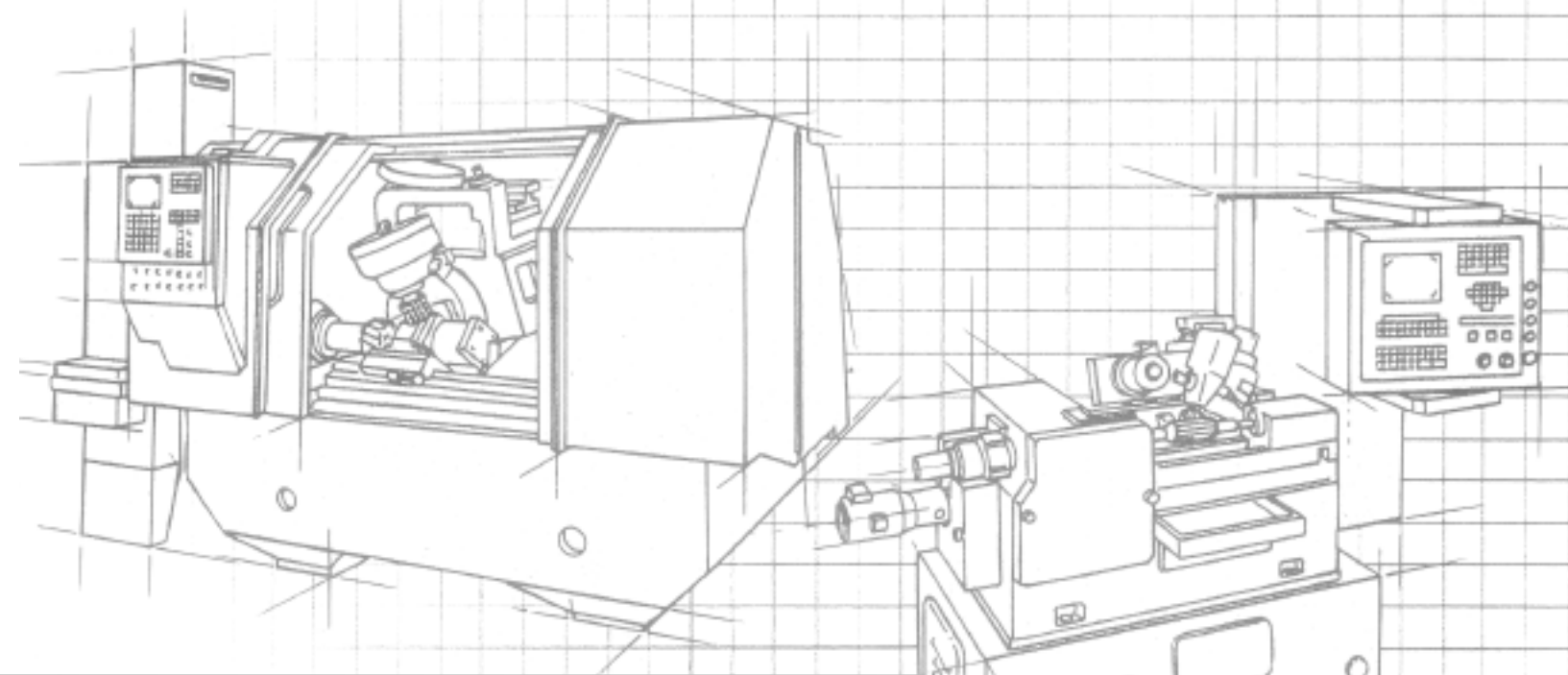


Why use Accures CTT™ cast to tolerance polymer composite castings in place of steel, cast iron, or cast aluminum?

Accures™ castings offer:

- **Newest polymer casting technology**
- **Climate controlled casting area**
- **Lower cost finished parts**
- **Excellent vibration Dampening**
(10 times better than cast iron)
(45 times better than steel)
(30 times better than aluminum)
- **Very short lead time**
- **Castings from 2 lbs. to 70,000 lbs.**
- **Finished tolerance casting**
- **No residual stresses**
- **Thermal stability**
- **Quicker part production**
- **Excellent corrosion resistant**
- **Ability to cast-in wire ducts**
- **Long term stability**
- **Can be cast in colors**

Don't settle for only 80%, we offer 100% customer satisfaction



How can using Accures™ castings help your customer

Machine tool bases and support structures made with **Accures™** castings offer quieter operation, no deterioration from cutting fluids, improved machined surfaces and improved cutting tool life.

Grinding wheels and cutting tools can last up to 50% longer, thus reducing down time and tool costs, with an improvement in part quality.



Mechanical Properties

Tensile strength	4,000 psi
Compressive strength	18,000 psi
Density	0.84 lb/ci
Modulus of elasticity	4.5 x 10 ⁶ psi
Thermal expansion	7 x 10 ⁻⁶ i/i/°F
Thermal conductivity	1.6 Wm/°K
Temperature limits	-50°F to 250 °F
Dielectric constant	4 @ 1KHz, 25 °C
Chemical resistance	Excellent

