

Cascade Pattern Meets ROI In Under 3 Years with Toyoda

TOYODA

CHALLENGE

Cascade Pattern of Elyria, Ohio has been a long-term Toyoda customer, with their first machine purchase dating back to 2013. Since then, Cascade has purchased Toyoda exclusively, giving their machining area the nickname, “The Toyoda Room.” The lineup of 10 bridge and vertical machines are Cascade’s lifeline in serving their broad range of customers. Cascade is not your typical machine shop—they specialize in pattern tooling, creating casts from aluminum, iron and steel for foundries. The casts then go on to make everything from aerospace parts to pipes and fire hydrants. As the company has grown, so has their need to expand their capacity with the same set of goals in mind.

GOALS

- Increase capacity to deliver on a wide range of customer needs.
- Detailed, high-speed machining for aluminum, iron and steel.
- Competitive price point that will deliver quick ROI.
- Immediate setup and service from factory technicians

SOLUTION

Cascade was able to meet their goals with a combination of Toyoda bridge and vertical machines. Bridge machines provide the power, stability and durability required when machining large workpieces. With these, Cascade is able to produce larger parts (120” x 60”), opening up the possibility for new business. The vertical machining centers provide the versatility for a variety of high-speed, heavy-duty needs. High load capacities helped to lower cost per part and increase ROI.

- SB316 Bridge Machining Center
- RB212 Bridge Machining Center
- Stealth 1165 Vertical Machining Center (4)
- Stealth 965 (3)
- Stealth AA1365



OUTCOME

▶ UNBEATABLE ROI

With the amount of parts that Cascade is able to produce, they are able to pay off a new Toyoda addition within three years.

▶ INCREASED CAPACITY 50%

The combination of adding new machines and choosing Toyoda has helped Cascade increase their metal machining capacity by 50%.

▶ INCREASED UPTIME

Programming allows the machines to run 24 hours with tool changes—a feature that has proven beneficial for both capacity and efficiency.

Partner with Toyoda and find your solution.

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