



FOR PUBLIC RELEASE

MAY 15, 2019

RONCELLI PLASTICS ADDS TSUGAMI SS327 TO THEIR LATHE MACHINING CELL

Ultimate Swiss Turn for Complex-Shaped Parts

MONROVIA, California, May 15 – Roncelli Plastics has just completed installation of the Tugami SS327-5AX – 32 mm, B-Axis Sliding Headstock Swiss Type Lathe machine. The Tugami SS327 is a high-performance automatic lathe with a servo-driven B-axis, which enables Roncelli to cut complex plastic parts complete in a single setup.

As a premier manufacturer of non-metallic components, Roncelli Plastics invests in the latest manufacturing technologies to achieve the most rigorous customer requirements. Purchasing an additional Tugami SS327 machine enables Roncelli Plastics to cut high-volume precise parts. The B-axis contains live tool (four front, four rear) which can machine in coordination with the C-axis, allowing the 50-year plastics expert to cut specific angles and sculpted contours. The B-axis functionality transforms this Swiss type lathe into a multitasking turning center that can drill, tap, and end mill any angle. This capability proves to be the best-in-class solution for medical, aerospace, defense and semiconductor applications, who require consistent, high quality measured results. Roncelli Plastics partners with the most prestigious and innovative corporations to support their custom polymer requirements.

Tugami Key Features Include:

- Weight: 7,936 lbs / Dimensions: 84.6" x 50.3" x 79.1"
- Main & Sub Spindle Speed: 200 – 8,000 rpm
- Precision parts made with speed and accuracy
- 7-axis Machining, Simultaneous 4-axis, 5-axis machining with CAD/CAM
- Modular tool zone easy to change cartridge-type live cross and face tools, decreases changeover time.
- Multiple angle cuts by the same tool decreases the total number of tools required.
- Shortens cycle time and lead times

“With the increased direction provided by the CNC, these turning machines can feature more sets of tooling, allowing for the machine to perform several operations on the same piece in a shorter amount of time. Due to quick production times and low variable costs, as well as their largely un-supervised production methods, Swiss screw machines can produce a large number of small, precision parts relatively quickly at low cost. These Swiss machines can handle both high end and common materials of varying strengths and composition. This is very fascinating.” says Tom Marquez, Roncelli Plastics GM Of Operations.

This new capability will be operable by end of May 2019, send in your drawings and quote request to take the stress off your next project.

For more information on Roncelli Plastics, visit www.Roncelli.com.



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Founded in 1969, Roncelli Plastics is a California based manufacturer specializing in Precision Fabrication, CNC Machining, Injection Molding, Die Cutting, Rapid Prototyping and Clean Room Assembly of plastic and non-metallic components. With clients in the Aerospace, Medical, Oil & Gas and Semiconductor industries, Roncelli is recognized as a leader in providing custom components with a focus on speed to market, precision and cleanliness. Roncelli Plastics is an AS9100D, ISO 9001:2015, ISO 13485:2016 & ISO 27001:2013 Certified Company.

