

**// Challenge:** A tier one automotive fastener supplier needed to grind bolts for a major automotive company automatically at high volume, with a high degree of precision. The customer's existing process was outsourced and was running one part at a time, resulting in a higher cost for our customer. In addition, quality and consistency of the components post grind was an issue.



GT-610 with Vibratory Bowl Feeder



**// Solution:** Glebar provided a one stop shop turnkey solution with gauge feedback and automatic size compensation, running two parts at a time at a rate of approximately 2X the prior production rate. Glebar's fully enclosed granite based **GT-610** fed by a 32" vibratory bowl feeder, staging automation and a gantry system was able to load and unload and grind 2 components simultaneously across a 10-1/8" wide twin grip grinding wheel, which made the system ideal for the application. Ground parts are automatically inspected using multiple contact probes to measure taper and feedback diameter to the machine for diameter size control. The solution produced the required high rate of production in a smaller footprint than competing models with one point of support contact for all automation and inspection.



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