

Daimler Mexico Reduces Production Time by 10-15% with Toyoda Machining Centers

TOYODA

CHALLENGE

Daimler Trucks North America's manufacturing facility in Saltillo, México was in dire need of increasing production capacity to keep with global demand. Daimler not only needed a solution that would accommodate for increased production, but that provided enough flexibility to machine a range of part numbers including their primary focus, cast iron engine supports. Daimler found the machine for the job with Toyoda—and recognized that Toyoda's established infrastructure in Mexico would be an asset for support and maintenance down the road.

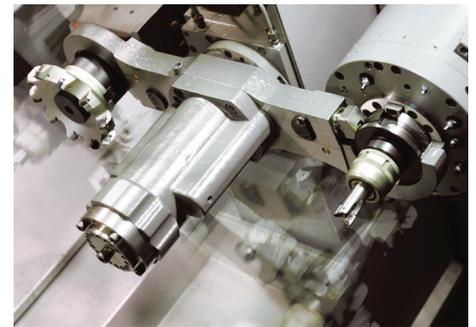
GOALS

- Increase capacity to keep up with demand
- Work within the limited available floorspace
- Flexibility to produce multiple parts simultaneously
- Streamline workflow with limited space
- Maintain caliber of product synonymous with Daimler

SOLUTION

Daimler met their match with the FH630SX-i—a state-of-the-art horizontal machining center made with efficient production and high-precision projects in mind. The FH630SX-i is a powerful, high-speed horizontal machining center featuring an 8,000 RPM high-torque integral spindle with 50/40 HP and 1,009 NM torque as well as big plus modification for all series spindles. It's equipped with a dual ballscrew drive on the Y and Z axes and boasts a Meehanite cast iron base for improved rigidity. Adding the automated pallet pool storage system allowed for a single operator to run multiple jobs for faster changeover—and met the requirements for Daimler's limited floor space. With this setup, Daimler was able to increase load capacity from 3,300 lbs to 4,000 lbs and six pallets, but still maintain the small footprint of the 630 format.

- FH630SX-i (2)
- Vertical Pallet Pool



OUTCOME

▶ INCREASED PRODUCTION

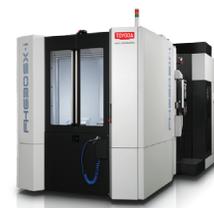
The addition of the Toyoda machines reduced standard production time by 10-15%, allowing for more parts to be machined in less time.

▶ INCREASED QUALITY

The pinpoint accuracy of the Toyoda machines allowed Daimler to produce superior components and elevate their overall part quality.

▶ INCREASED REVENUE GROWTH

Reduced operational costs and increased production capabilities allowed for Daimler to add to their bottom line.



FH630SX-i



Vertical Pallet Pool

Partner with Toyoda and find your solution.

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