

APPLICATION STORIES

Customer: One of the largest machine tool manufacturers in America serving the auto industry

Industry: Machine Tool - Metal Cutting

SIC Code: 3541

Location: Ohio

Department:

Retrofit or OEM: OEM

Machinery Involved: Gantry Robots

Description of Environment: Auto assembly plant - body shop. Gantry robot was subjected to high loads.

Description of Problem: Excessive loading was causing linear ball bearings to groove the shafting within 4-8 weeks. Resulting downtime was expensive and unacceptable.

Solution: Retrofitted the gantry robots with Simplicity pillow blocks, and bearings. Tremendous load capacity of these bearings eliminated grooving problem. The shafting has not been damaged and the bearings are not failing.

Customer Reaction to Solution: Customer is pleased with the performance of Simplicity bearings. Long reliable bearing life is reducing downtime. Simplicity is the preferred linear bearing in this application.

Documented Cost Savings:

Simplicity Part Used: FL32D

Qty of Bearings Used: 8 / gantry robot

Date of Installation: 1992

Photos Available: No

Illustrations Available: No

Application Write Up Available: Yes

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