



Metro-North Railroad Saves Money with Fryer

The Metro-North Commuter Railroad is a suburban commuter rail service run by the Metropolitan Transportation Authority (MTA), a public authority of the State of New York. It is the third-busiest commuter railroad in North America in terms of annual ridership.



Metro North purchased a Fryer ET-25 Easy Turn Lathe with Live Tooling in 2016 to create specialized parts and solutions in house instead of sending these parts to outside vendors. The ET-25 has been hugely successful on a number of important projects saving the railroad over \$2 million in the last two years alone.

The Norwalk River Railroad Bridge was built in 1896 and is in need of constant maintenance and repair. The Fryer ET-25 machined hundreds of Tie Rod Shafts allowing the replacement of a critical part at a fraction of what an outside vendor quoted.

Another critical project was the truck mounted Rail Scrubber System. This compact system cleans the rails of leaf pectin by using compact trucks instead of expensive large rail equipment. Designed and built entirely at the Maintenance of Way facility, it has saved a tremendous amount of time and money by handling a difficult task easily. Other applications include the following: Station Window Locks, Hi-Rail Lock Pins, Surfacing Machine Tool Clamps, Vibrator Tool Clamps, Joint Bars and Poly Bars that connect sections of track rail together.





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Due to the success of the Fryer ET-25 Lathe, Metro North recently purchased a new Fryer MC-60 CNC Machining Center. The addition of this machine will expand their capabilities further and result in more cost savings to the railroad and the public it serves. Ron Graff, Machinist at the Maintenance of Way facility, stated the following:



“I want to thank Fryer Machine Systems and their staff for all the assistance and knowledge that was given to Metro North Railroad after the installation of these machines. The operations above are only a sample of what I have been capable of machining with these quality CNC machines. Transitioning to CNC from manual machining has truly allowed us to increase our capabilities and machine items that were previously impossible manually or not cost effective, while still having the ability to operate in the manual mode. I look forward to using these machines each day to learn more and see what else they can do beyond what was once the normal.”

For more information contact:
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