

AUTOBODY PARTS, INC

API is a family-owned and operated paint, body, and equipment distributor founded in Butler, Pennsylvania, in 1968. Over more than five decades, API has grown steadily to 24 locations across Pennsylvania and Ohio, supported by regional warehouses in Butler, Youngstown, Cleveland, and Mansfield. API provides its customers with exceptional product support, training, and technical expertise across the automotive, fleet, and industrial markets.



OPTIMIZING EFFICIENCY WITH ANEST IWATA

API has partnered with industrial manufacturers to modernize and refine their coating operations, integrating ANEST IWATA equipment to maximize performance with next-generation direct-to-metal (DTM) polyurethane systems. By implementing ANEST IWATA's precision-engineered technology, API technicians helped operators streamline their finishing processes by reducing unnecessary steps, improving transfer efficiency, and achieving greater consistency in application.

During multiple production trials, ANEST IWATA systems contributed to measurable efficiency gains, including a **36% reduction in coating material usage and up to 50% savings in total application time**. These improvements enabled operators to complete more finished units per shift while maintaining consistent coverage and enhanced finish quality.

IMPROVED FINISH QUALITY AND DURABILITY

Independent testing on finished components demonstrated the performance advantages of combining ANEST IWATA equipment with optimized coating systems. Products applied under these improved processes showed **superior adhesion (>95%), enhanced gloss retention, and strong resistance to chemical and mechanical wear** when compared to traditional multilayer systems. Cross-hatch adhesion and solvent resistance testing confirmed stronger film integrity and reduced failure rates, while corrosion and abrasion tests revealed coatings that outperformed standard industry benchmarks.

These outcomes translate directly to fewer reworks, longer lasting finishes, and reduced downtime for end users, all achieved without adding complexity to the production process.

SUSTAINABLE SAVINGS AND LONG-TERM IMPACT

Beyond immediate time and cost reductions, the collaboration between API and ANEST IWATA has driven measurable sustainability and efficiency improvements for end users. Reduced material consumption, shorter cure times, and fewer coating stages have collectively decreased energy use and material waste, aligning with broader environmental and operational goals.

CONCLUSION

By pairing ANEST IWATA's high-efficiency coating technology with API's deep technical expertise and customer support, manufacturers have realized **up to 45% overall process efficiency improvements and significantly lower cost per finished unit**. This ongoing partnership continues to set a high standard for productivity, quality, and innovation across industrial finishing operations throughout API's service region.

PRODUCTS USED

- iCon-M233N 30:1
- MSU 32N 17:1
- DPS-90
- PET-10 Pressure Pot
- PC-18D Pressure Pot
- WS-200 Series
- LPH-80

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