SUCCESS

WAVEFORM CONTROL TECHNOLOGY®

1,000 Truck Frames A Day
Automation
Dana Corporation Automotive Plant, Longview, Texas

Dana Corporation has extensive expertise in designing both traditional and special purpose structural products and systems for vehicles.

- CHALLENGE -
Dana sought arc welding solutions for a new plant that would offer maximum process and operational flexibility, while virtually eliminating pre-weld die lube wash operations.

- SOLUTION -
• RapidArc® pulsed GMAW process designed to provide excellent arc stability at lower arc voltage (shorter arc length), with reduced spatter and improved bead profile allowing for a significant increase in torch travel speed.
• The Power Wave® 455M, a multi-process inverter-based welding power source featuring advanced Waveform Control Technology®.
• Production Monitoring™ software allowing monitoring and archiving functions of ongoing weld performance.

- RESULTS -
Production targets of 1,000 Chevy® Colorado Truck frames a day were met with proven quality, leading to additional contracts for this new plant.

“We’ve been very pleased with this system and I anticipate this equipment, with routine maintenance, will continue to perform well for the next 10 to 20 years.”

Mike Bolt
Welding Engineer
Dana Corporation Automotive Plant

Better Performance, Better Productivity.
If that’s the kind of results you’d like, contact The Welding Experts® at Lincoln Electric®.

We Can Help. Ask Lincoln How!™
www.lincolnelectric.com/askhow