

SUCCESS

LINCOLN
ELECTRIC
THE WELDING EXPERTS®

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

The future of welding is here.®