

# The Dennen Lean Advantage

## Less Complexity...Improved Results



Since 1948, Dennen Steel Corp. has been exceeding the needs of its customers. Founded by Cyron Dennen as a steel brokerage firm in Grand Rapids, Michigan, the company has evolved into a world class manufacturer, specializing in steel processing, metal stamping, and value added assemblies.

With our mill direct relationships Dennen is able to improve quality, reduce cost, reduce lead-times and improve performance through a fully integrated supply chain. The Dennen Lean Advantage provides our customers with a less complex, less risky supply chain solution than traditional stamping suppliers.

A supplier of Class A (exposed) blanks, configured blanks, progressive stampings (up to 600 tons - 144" bed size) and value added assemblies, Dennen's two manufacturing facilities in Michigan and Indiana are strategically located to support our customers with 1 to 2 day shipping.

As an ISO-9001 certified company, Dennen has the requisite processes and procedures to exceed our customers exacting standards. Our in-house robotic and manual welding (arc and resistance), tapping, staking, and hand assembly capabilities allows Dennen to take on a variety of different projects to support our customers diverse manufacturing needs.

# Capabilities

## Manufacturing

- Slitting (72" – 60,000 lb coils)
- Roller Leveling (shape correction)
- Stamping (up to 600 tons – 144" bed)
- Stamping Class A (exposed)
- Edge Conditioning
- Welding (MIG, projection, spot)
- Assemblies (tapping, staking, kitting)

## Engineering

- Product Design (Gray Box)
- Prototype
- In-House Tool Room
- Packaging Engineering
- In-House Metallurgist

# Materials

## Blanking

- Enameled Steel (Type 1 & 3)
- Low Carbon (270 Mpa)
- Coated Steel
- HSLA (320-780 Mpa)
- AHSS (590, 780, 980 Mpa)
- UHSS (1500 Mpa)
- Stainless Steel (300 & 400 series) - Polished

## Stamping

- Enameled Steel (Type 1 & 3)
- Low Carbon (270 Mpa)
- Coated Steel
- HSLA (320-780 Mpa)
- Stainless Steel (300 & 400 series) - Polished

# Coating

## Plating

- Zinc
- Zinc Nickel
- Magni
- Phosphate

## Painting

- A-Coat
- E-Coat
- Powder Coat

## Finishing

- Deburr
- Grinding
- Part Washing

## Traditional Supply Chain



**Cost**  
Profit Center Eliminated

**Transportation**  
Reduced Cost & Lead-Time

**Quality**  
Consistent Material Properties

## Dennen Lean Advantage



**GRAND RAPIDS**  
3033 Fruit Ridge Ave NW  
Grand Rapids, MI 49544  
USA  
616-784-2000

**BURNS HARBOR**  
325 Tech Dr.  
Burns Harbor, IN 46368  
USA  
219-762-1333