

# Introducing **Optimas Manufacturing in Monterrey, Mexico**



**Using cold heading processes, Optimas will begin delivering fastener manufacturing expertise and production capacity in the second half of 2024 in Monterrey, Mexico.**

Planned in the shadow of Monterrey's epic mountain Cerro de la Silla, Optimas will leverage 130+ years of experience from its manufacturing locations in Wood Dale, IL, USA (Chicago) and Droitwich Spa, UK (Birmingham) to produce externally threaded fasteners with:

- Faster production throughput
- Near zero material waste
- Minimal machining
- Little to no finish work



# Production Capabilities

## Phase 1 Launch SKUs

Optimas Manufacturing in Monterrey will deliver 12 products in five categories. These include a range of highly reproducible, non-PPAP products from 6 mm—57 mm in length and 2 mm—8 mm in diameter.

Permanent: Rivets
General: Pins
Screws: Sheet Metal; Cap and Six-Lobe
Studs: Double-End Collar
Bolts: SEMS, Shoulder; Compressor; Socket Head; Hex and Hex Flange



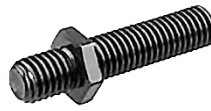
Rivet



Pin



Sheet Metal Screw



Double-End Collar Stud



SEMS Screw



Compressor Bolt

## Secondary Processes

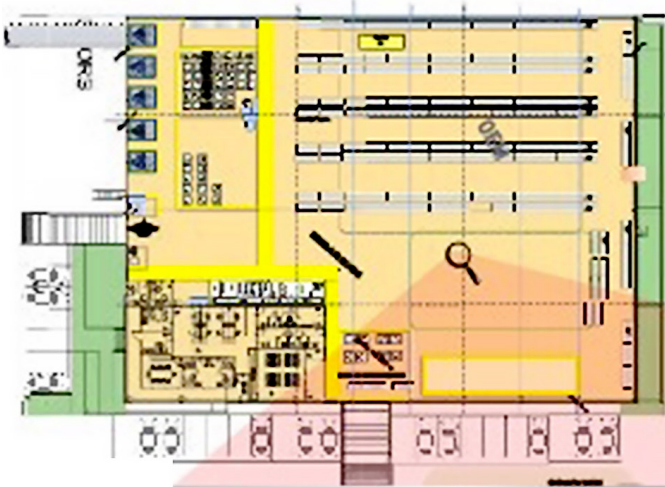
Five local partners, within 45 minutes of Optimas' Monterrey production facility, will offer 10 coating and patch processes in four categories.

Nylon Patches: Nylock and 3M
Electroplating: Zinc and Bake (clear, black, green and yellow)
Zinc: Phosphate; Oil Dry to Touch and Nickel
Zinc Flakes: Magni; Dörken and Geomet
Plus, three secondary heat treat processes.
Neutral Hardening; Carburizing and Annealing

# Optimas and Monterrey Partner Locations

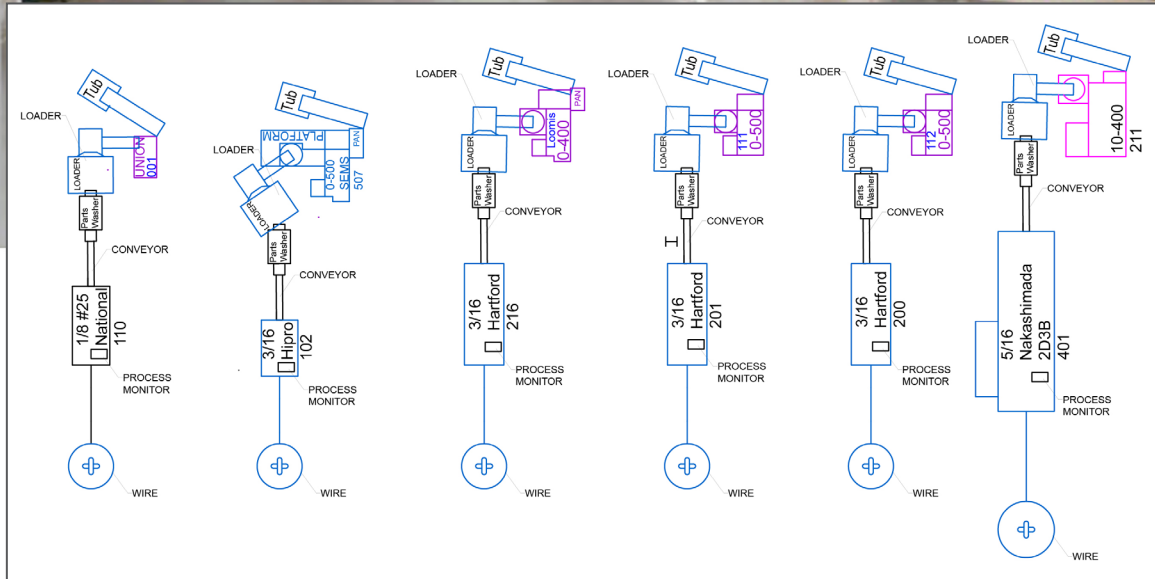
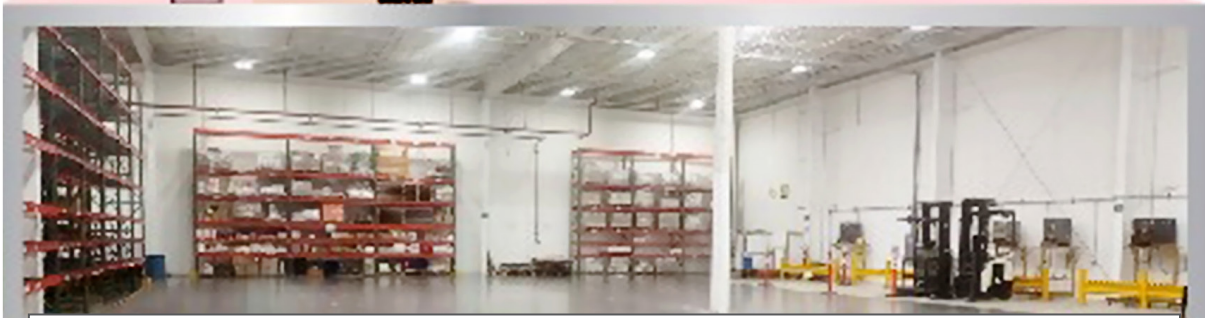


# Monterrey Facility Floor Plan



## Highlights

- **Production Space:** 5,000 sq. ft.
- **Equipment:** Cold headers; rollers; washers; loaders
- **Geography:** Only 125 miles to US border
- **Work Force:** Available and experienced



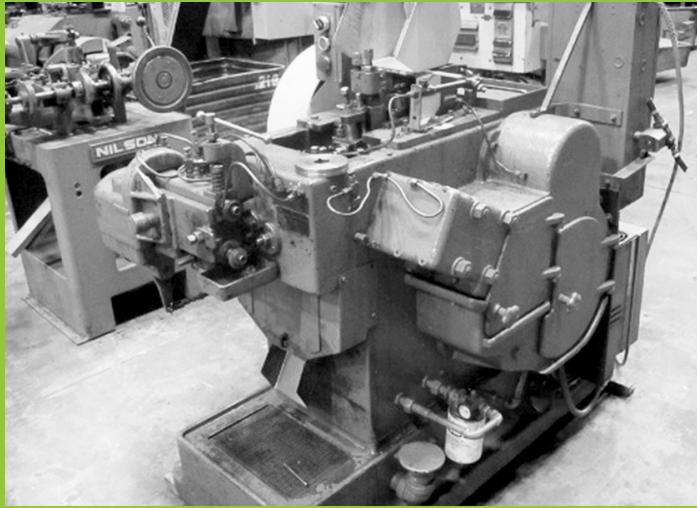
## Machinery and Materials

Optimas will equip this facility and begin manufacturing with 24 production machines, including:

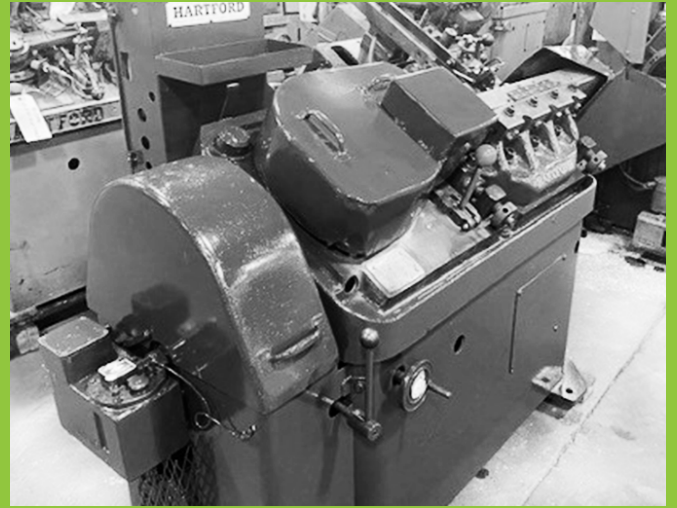
6 Headers
6 Rollers
6 Loaders
6 Part Washers
300 / 400 Stainless Steel
Alloy
Brass
Silicon Bronze
Low and Medium Carbon

Two, local tool and die shops, plus in-house resources from the Wood Dale, IL location, will provide high-grade tooling to produce fasteners with these raw materials:

Seasoned engineers and operators, high-quality machines and raw materials will turn designs into parts within budget and lead times. This will offer a more responsive supply chain partner, with unique manufacturing and distribution solutions, that delivers fasteners for planned production and periods of unexpected demand.



Header



Roller



Loader



Part Washer

## Increase Your Options

Optimas is actively seeking production orders with delivery dates in the second half of 2024. **Schedule a conversation about producing in Monterrey by visiting [optimas.com/contact/](https://www.optimas.com/contact/) today.**

### ABOUT OPTIMAS

Optimas is a leading, global industrial manufacturer/distributor and service provider specializing in fastening and supply chain solutions for manufacturers seeking to improve efficiency and profitability. We take care of the details, so you can focus on manufacturing cutting-edge products—giving you an unparalleled competitive edge.

### CONTACT US

[info@optimas.com](mailto:info@optimas.com)  
[optimas.com](https://www.optimas.com)

