



# CORE CAPABILITIES

The reliability of Lincoln Industries' solutions has been proven over 70 years of service to some of the world's most recognizable brands. Lincoln Industries is the largest and most diverse, privately held, metal finishing company in North America. With over 900,000 square feet of facilities in 10 locations across the Midwest, Lincoln Industries ships 400,000 parts a day while providing quality, efficiency, service, and expertise.



**METAL FINISHING**



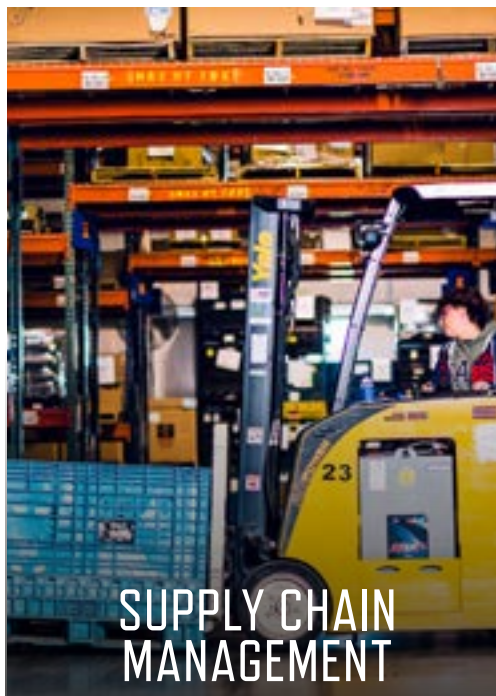
**METAL FABRICATION**



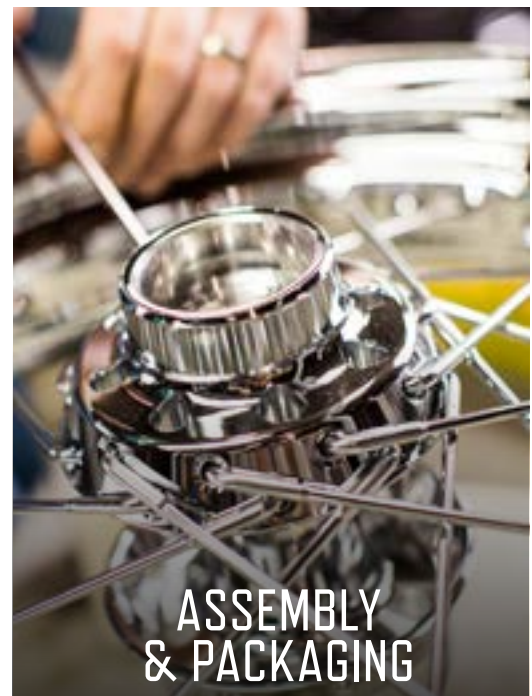
**AUTOMATION & MACHINE BUILDING**



**PERFORMANCE COATINGS**



**SUPPLY CHAIN MANAGEMENT**



**ASSEMBLY & PACKAGING**

**PREMIUM PROVEN QUALITY SOLUTIONS**

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CAPABILITIES	SUBSTRATE MATERIALS	FEATURES & BENEFITS
<b>PLATINGS</b>		
Anodizing Type II	Aluminum	Corrosion resistance, durability, electrical insulation, can be dyed various colors
Anodizing Type III (Hardcoat)	Aluminum	Corrosion resistance, high durability, electrical insulation
Black Chrome	Steel, Aluminum, Brass, Stainless, Zinc	Decorative parts and corrosion resistance, offered in variations
Bright Nickel	Steel, Aluminum, Brass, Stainless, Zinc	Corrosion protection, appearance
Cadmium	Steel	Corrosion resistance, low coefficient of friction, lubricity, electrical conductivity
Chromate Conversion Coatings	Zinc, Cadmium, Aluminum	Improves salt spray, makes a good paint base
Copper	Aluminum, Zinc, Steel	Cosmetic and leveling
Decorative Nickel Chrome	Steel, Aluminum, Brass, Stainless, Zinc	Decorative parts and corrosion resistance, offered in variations
Electropolishing	Stainless	Corrosion protection, and coverage industrial reflective surface
Electroless Nickel	Brass, Aluminum, Steel, Copper	Uniform thickness, corrosion resistance, wear resistance
Gold	Nickel Barrier	Excellent corrosion resistance, bright gold appearance
Hard Chrome	Aluminum, Steel	Wear resistance lubricity
Metal Polishing/Buffering	Steel, Stainless, Aluminum, Zinc, Copper	Deburring, highly cosmetic surface, improved base for corrosion protection
Nickel/Silicon Carbide	Aluminum	Weight reduction, increased wear resistance, improved lubrication
Passivation	Stainless	Improved corrosion protection
Physical Vapor Deposition (PVD)	Decorative Chrome	Excellent wear resistance, multiple color options
Satin Nickel	Steel, Aluminum, Brass, Stainless, Zinc	Corrosion protection, appearance
Sulfamate Nickel Hard Chrome	Steel	Corrosion protection and wear resistance
Tin	Steel, Brass	Corrosion protection
Zinc (alkaline and chloride)	Steel, Zinc Die Cast	Corrosion protection, identification of parts
Zinc Nickel	Steel	High corrosion protection replacement for Cadmium
<b>FABRICATION</b>		
Tube Bending	3/8" to 8"	Thin wall, mandrel bend, minimal welds, multi bend/small radius
Secondary Operations	3/8" to 8"	Manual and robotic welding, end forming, punching, swedging
Sheet Metal	Steel, Stainless, Aluminum	Laser cutting up to 1" steel, 1/2" stainless, 1/4" aluminum, press brake forming up to 1/2" steel, PEM insertion
Automation/Machine Build		Full machine design, in house build, engineering
CNC/Tool Room Machining		Prototyping, fixtures, tooling, finished parts
<b>COATINGS</b>		
ArmorLinc® Vault Series	Aluminum, Steel	Fluoropolymer base, friction reduction, chemical protection
Ceramics	Steel, Stainless, Aluminum	Corrosion and thermal fatigue protection
High Temperature	Variety	Cosmetic, impact resistance, color retention, high temperature, powder, and liquid options
NeverBlue®	Nickle Chrome, Stainless	Color retention at high temperature
Powder	Variety	Cosmetic, impact resistance, high temperature
Xclusive®	Aluminum, Aluminized Steel, Stainless	Non-stick coating with release properties, FDA compliant
<b>THERMAL INSULATION</b>		
ThermoLinc® Apex	Variety	Advanced insulation system for high heat applications
ThermoLinc® Genesis	Variety	Thermal, corrosion and durability protection