

Company presentation –KRN Industries



KRN
INDUSTRIES

PRECISION MANUFACTURING.
GLOBAL STANDARDS.



About KRN Industries

Precision Sheet Metal Fabrication | CNC Machining | Busbar Manufacturing



Who We Are

- Precision Engineering Company
- End-to-End Manufacturing
- OEM & Export Partner
- Prototype to Mass Production
- Quality Driven Manufacturing



Core Capabilities

- Laser Cutting
- CNC Bending
- CNC Turning & Milling
- Welding (TIG/MIG/Spot)
- Busbar Manufacturing
- Surface Finishing
- Assembly & Export Packing



Industries Served

- Electrical & Electronics
- EV Components
- Industrial Automation
- Telecom
- Medical Equipment
- Defence & Aerospace
- HVAC
- Renewable Energy

20,000+ Components Manufactured

500+ Projects Completed

100+ Customers

10+ Industries Served

Why Global Buyers Choose KRN Industries

- ✓ Complete Manufacturing Under One Roof
- ✓ Precision Engineering & Tight Tolerances
- ✓ Fast Prototype Development
- ✓ Competitive Global Pricing
- ✓ On-Time Delivery
- ✓ Export Quality Standards

Why Choose KRN Industries



One Stop Manufacturing



Engineering Support



Competitive Pricing



High Precision



Quick Prototype



Export Packaging



On-Time Delivery



Customer Satisfaction

Manufacturing Capacity



FACTORY INFRASTRUCTURE

PRECISION MANUFACTURING. RELIABLE DELIVERY.



FACTORY AREA
5,000 sq.ft



PRODUCTION
EQUIPMENT
20+
Advanced Machines



SKILLED
WORKFORCE
15+
Experienced Employees



QUALITY ASSURED
ISO 9001:2015
Certified



CAPABILITIES AT A GLANCE



LASER CUTTING CAPACITY

- 30 mm Stainless Steel (SS)
- 35 mm Mild Steel (MS)
- 16 mm Copper



CNC BENDING CAPACITY

- 100 Ton
- 3000 mm (Working Length)



CNC TURNING

High-Precision Turning for
Complex Components



CNC MILLING

High-Accuracy Milling for
Prototypes & Production

LASER CUTTING



High Precision Fiber Laser Cutting
for MS, SS, Al, GI & more

CNC BENDING



High Accuracy Bending
Up to 100 Ton Capacity

CNC TURNING



Precision Turning for
Complex Components

CNC MILLING



High-Accuracy Milling for
Prototypes & Production

MONTHLY PRODUCTION CAPACITY



40,000+ SHEET METAL COMPONENTS



10,000+ CNC MACHINED PARTS



1,000+ FABRICATED ASSEMBLIES

Manufacturing Capabilities



LASER CUTTING



CNC BENDING



TURRET PUNCHING



PEM INSERTION



TAPPING



WELDING
(MIG / TIG / SPOT)



**GRINDING
& DEBURRING**



**ASSEMBLY
& INTEGRATION**



**BUSBAR
MANUFACTURING**



POWDER COATING



PLATING
(Zn / Ni / Cr / ENP)



SCREEN PRINTING



EXPORT PACKAGING

Materials We Work With

Ferrous Metals

MS • SS • CRCA • GI • EN8 • EN24

Non-Ferrous Metals

Aluminium • Copper • Brass

Engineering Plastics

Nylon • Delrin (POM) • Polycarbonate

We source certified raw materials from trusted suppliers and manufacture components to customer specifications, ensuring consistent quality, traceability, and global compliance.

CNC Machining



Factory Infrastructure



TOTAL AREA
5000 SQ FT
(Covered Area)



PRODUCTION MACHINES
6+
High Precision



SKILLED WORKFORCE
15+
Trained Professionals



FOCUS
QUALITY • PRECISION
ON-TIME DELIVERY

PRODUCTION FLOOR & MACHINES



1 LASER CUTTING MACHINE
(AMADA FIBER LASER)



2 CNC PRESS BRAKE
(80 TON)



3 TURRET PUNCHING MACHINE
(AMADA 358)



4 CNC VMC
(850 X 500)



5 CNC TURNING CENTER
(DOOSAN)



5 WELDING & FABRICATION AREA
(TIG / MIG / SPOT)

ASSEMBLY AREA



INSPECTION ROOM



WAREHOUSE



PACKING AREA



FACTORY OVERVIEW

- ✓ Total Area: 5000 Sq Ft (Covered)
- ✓ Well Planned Layout
- ✓ Optimized Workflow
- ✓ Safe & Clean Environment



Quality Assurance

01 DIGITAL VERNIER CALIPER

Accurate measurement of external, internal & depth dimensions



02 DIGITAL MICROMETER

High precision measurement of thickness, diameter & small components



03 HEIGHT GAUGE

Precision measurement of vertical height, step & depth



04 BORE GAUGE

Accurate measurement of internal diameter of holes



05 THREAD GAUGE

Verification of internal & external threads (GO / NO GO)



06 PIN GAUGE SET

Inspection of hole diameter for high accuracy



07 GRANITE SURFACE PLATE

Precision reference surface for accurate inspection & layout



08 CMM (OPTIONAL)

3D Coordinate Measuring Machine for high accuracy dimensional inspection



09 PROFILE PROJECTOR (OPTIONAL)

Optical inspection of profiles, contours & intricate features



"Delivering Zero-Defect Components with Complete Traceability"

Quality Assurance

Tolerance & Quality Standards Precision Manufacturing for Global OEM Requirements

Parameter	Capability
 Linear Tolerance	±0.02 mm
 Hole Tolerance	±0.01 mm
 Surface Finish	Ra 1.6 µm (<i>or better depending on process</i>)
 Inspection	100% Final Inspection
 Calibration	Traceable & Calibrated Measuring Equipment
 PPAP	Available on Request
 FAI (First Article Inspection)	Available
 Material Test Certificate (MTC)	Available
 RoHS / REACH Compliance	Available on Request
 Process Documentation	Inspection Reports & Quality Records

"Delivering Zero-Defect Components with Complete Traceability"

Surface Finishing

POWDER COATING



- ✓ Durable & attractive finish
- 🎨 Wide range of colors

ZINC PLATING



- ✓ Excellent corrosion resistance
- ✓ Bright & uniform finish

ENP (ELECTROLESS NICKEL PLATING)



- ⚙️ Uniform coating thickness
- ✓ High corrosion & wear resistance

TIN PLATING



- 🔧 Good solderability
- ✓ Corrosion protection

ANODIZING



- ✓ Enhanced corrosion resistance
- 🎨 Decorative & durable finish

BLACK OXIDE



- ✓ Improved corrosion resistance
- 👁️ Reduced light reflection

SCREEN PRINTING



- 🎯 High durability & precision
- 📄 Ideal for industrial labeling

SILK PRINTING



- 🖨️ Sharp & clear printing
- ✓ Excellent adhesion

LASER MARKING



- 🔦 Permanent & high precision marking
- ||||| Ideal for traceability & branding

ENGINEERING SUPPORT

From Concept to Production – We Engineer Your Success

Our experienced engineering team works closely with you to deliver innovative, manufacturable and cost-effective solutions tailored to your requirements.



AutoCAD

2D drafting and detailed documentation for accurate manufacturing.



SolidWorks

3D modeling, assembly & animation for product visualization and validation.



DFM Support

Design for Manufacturability feedback to ensure smooth production.



Cost Reduction

Value engineering solutions that reduce cost without compromising quality.



Prototype Development

Rapid prototypes to validate design, fit and function.



Reverse Engineering

Convert your ideas or existing parts into accurate digital models.



Material Selection

Expert guidance to choose the right material for performance and cost.

Products Gallery



**ELECTRICAL
ENCLOSURES**



BUSBARS
COPPER & ALUMINIUM



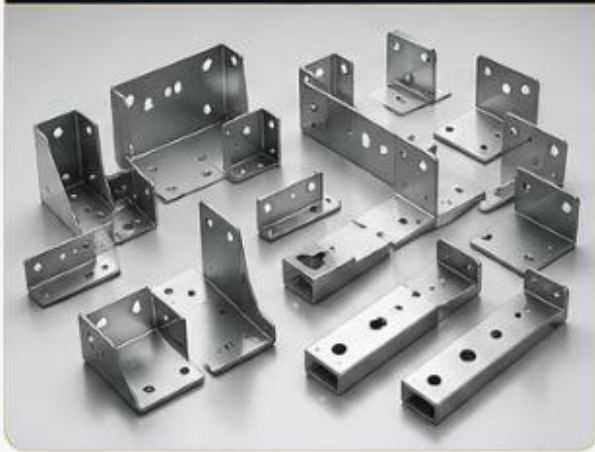
**PRECISION
COMPONENTS**



CABINETS
ELECTRICAL CABINETS



BRACKETS
SHEET METAL



PANELS
CONTROL PANELS



**MACHINED
COMPONENTS**
CNC PARTS



ASSEMBLIES
READY UNITS



Industries & Applications



ELECTRICAL ENCLOSURES

Control panels, junction boxes, cabinets, busbars & more



EV & ELECTRIC MOBILITY

Battery enclosures, mounting brackets, busbars, structural parts



MEDICAL DEVICES

Precision sheet metal parts, machine frames, instrument housings



INDUSTRIAL AUTOMATION

Robot brackets, sensor mounts, machine guards, automation assemblies



TELECOMMUNICATIONS

Rack cabinets, antenna brackets, communication enclosures



MACHINE BUILDERS & OEMs

Fabricated frames, precision machined parts, custom assemblies



HVAC SYSTEMS

Duct components, mounting brackets, equipment panels, housings



RAILWAY & TRANSPORTATION

Electrical cabinets, fabricated structures, mounting assemblies

GLOBAL EXPORT CAPABILITY



GLOBAL EXPORT CAPABILITY

Complete Export Support

-  Export Documentation
-  HS Code Classification
-  Commercial Invoice & Packing List
-  Certificate of Origin
-  Export-Grade Packing
-  Sea Freight
-  Air Freight
-  Door-to-Door Delivery
-  Global Logistics Coordination

Case Study



CUSTOMER

USA Electrical OEM

A leading electrical equipment manufacturer based in the USA.



THE CHALLENGE

The existing supplier was unable to maintain tight tolerances and consistent quality.

- High rejection rate
- Inconsistent finish
- Long lead time of 30 days



OUR SOLUTION

Integrated Manufacturing Approach

We implemented an in-house solution using our advanced capabilities:

LASER CUTTING + CNC MACHINING + POWDER COATING

Strict in-process inspection and quality control at every stage ensured precision and consistency.



THE RESULT

- ✓ Reduced cost by **18%**
- ✓ Lead time reduced from **30 days** to **12 days**
- ✓ Consistent quality – Zero major rejections
- ✓ Repeat orders received



PRODUCT MANUFACTURED



OUR MANUFACTURING PROCESS



LASER CUTTING
High precision cutting with clean edges



CNC MACHINING
Tight tolerances and high accuracy



DEBURRING
Smooth edges for better finish



POWDER COATING
Corrosion resistance and durable finish



FINAL INSPECTION
100% dimensional inspection

KEY IMPACT



18%
COST
REDUCTION



60%
REDUCTION IN
LEAD TIME



100%
QUALITY
ASSURANCE



KRN Industries delivered excellent quality with tight tolerances and reduced our lead time significantly. Their communication, technical support and commitment have made them our trusted manufacturing partner in India.

– Procurement Manager, USA Electrical OEM



Why Global Buyers Choose KRN Industries

➤ 💰 **Cost Reduction**

Optimized manufacturing processes and competitive pricing help reduce your total sourcing cost.

➤ ⚡ **Fast Prototype Development**

Rapid prototype manufacturing enables quicker product validation and faster time-to-market.

➤ 🏭 **Single Manufacturing Partner**

One trusted supplier for Sheet Metal Fabrication, CNC Machining, Busbars, Surface Finishing & Assembly.

➤ 🎯 **High Precision & Consistent Quality**

Manufactured with tight tolerances using advanced inspection and quality control systems.

➤ 📦 **Flexible Order Quantities**

Supports prototypes, low-volume production, and high-volume OEM manufacturing.

➤ 🤝 **Reliable Engineering Support**

Quick quotations, DFM recommendations, technical assistance, and responsive communication.

➤ 🌐 **Global Export Capability**

Safe export packaging, complete documentation, and reliable worldwide shipping.

➤ ⌚ **On-Time Delivery**

Efficient production planning ensures dependable delivery schedules for your projects.

Why Global Buyers Choose KRN Industries



OUR VALUED CUSTOMERS



LGB FORGE



ELGI EQUIPMENTS



PROPEL INDUSTRIES



ROOTS INDUSTRIES



LPT PRECISION



PRICOL LIMITED



TEXMO INDUSTRIES



C.R.I. PUMPS



KINETIC GROUP



KPR MILL LIMITED



INDUSTRIES WE SERVE



ELECTRICAL OEM



MEDICAL OEM



INDUSTRIAL OEM



AUTOMATION COMPANIES



EV MANUFACTURERS



MACHINE BUILDER

RFQ – Send Your Drawings



PRECISION
QUALITY
RELIABILITY

SEND US YOUR DRAWING TODAY

From Concept to Component – We Make It Happen

UPLOAD



STEP



STP



IGES



DXF



DWG



PDF

2D or 3D – All File Formats Accepted



QUOTATION
WITHIN
24 HOURS



PROTOTYPE
5–7 DAYS



MOQ
1 PIECE



WORLDWIDE
SHIPPING



PRECISION MANUFACTURING. GLOBAL DELIVERY.



LASER CUTTING



CNC BENDING



WELDING



CNC MACHINING



SURFACE FINISHING



ASSEMBLY



ONE DRAWING. ENDLESS POSSIBILITIES.



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Let's Build Together

Your Trusted Manufacturing Partner for Precision Sheet Metal, CNC Machining & Busbar Solutions



Scan to Connect



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LinkedIn

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Precision | Quality | Reliability | On-Time Delivery