KE

KALPATECH ENGINEERS & INDUSTRIES LTD.

KEILIND

Capability Deck

Precision Flat & Profile Wire · Nashik, India

17 Years

of precision manufacturing

12,000 MT

annual production capacity

IATF 16949:2016

ISO 9001:2015 · ZED Gold

Czech Republic · USA
UAE · Kuwait · Canada

Active export markets

Wire Rods · Flat & Profile Wire · Triangular Wire · Support Rods · Wire Flattening & Profiling Mills

COMPANY OVERVIEW

Who We Are

Kalpatech Engineers & Industries Ltd. — operating under the KEILIND brand — is a 17-year-old precision flat and profile wire manufacturer based in Nashik, India. We engineer wire that behaves predictably at scale, for the world's most demanding OEM applications.

We manufacture, design, and supply precision wire and wire processing mills — backed by IATF 16949:2016, ISO 9001:2015, and ZED Gold certification, and exported to five countries across three continents.

17+

Years in precision manufacturing

12,000 MT

Annual production capacity

2 MT

Per hour throughput

Our Engineering Philosophy

"Process is the product."

We don't just manufacture wire — we engineer predictable wire behaviour at scale. Our systems are built so that every delivery lot performs exactly as the one before it.

Exhibitors — Wire Düsseldorf 2026
Hall 13, Stand C66-1

PRODUCT RANGE

What We Manufacture

Flat, Square & Rectangular Wire

High-precision flat profiles from round wire using advanced rolling mills. Available in alloys from copper to titanium.

Wiper blades · Recliner springs · Wave springs · Dipsticks · Circlips · Chains

Triangular Wire & Support Rods

Precision triangular profiles and support rods engineered for wedge wire screens in filtration, mining and pulp & paper applications.

Wedge wire screens · Sand control · Pulp & paper mills · Mining screens

Profile Wire (Custom Sections)

Bespoke profile geometries designed and produced for specialised OEM applications with tight dimensional and surface specifications.

Aerospace locking · Textile card clothing · Industrial forming · Springs

Wire Flattening & Profiling Mills

We design and supply our own proprietary rolling mills — dancerless technology, Yaskawa motion control — for wire producers worldwide.

Sold to wire manufacturers globally · Customisable configurations · 2–6 month lead time

MANUFACTURING CAPACITY

Production at Scale

2 MT/hr
Per-hour throughput

13 MT
Per 12-hour shift

1,000 MT
Monthly capacity

12,000 MT
Annual capacity

Production Specifications

Alloy range
Copper to Titanium, full stainless steel range, alloy steels

Wire section
Flat · Square · Rectangular · Triangular · Custom profile

Delivery forms
Coiled · Spooled · Cut-to-length · Cut with notch · Cut with forming

Shifts
24/7 production · Multiple shifts

Mill technology
Proprietary dancerless rolling mills · Yaskawa motion control

PRECISION & TOLERANCES

Tolerance Capabilities

Kalpatech holds some of the tightest dimensional tolerances available from any Indian precision wire manufacturer — driven by our proprietary dancerless rolling technology and Yaskawa motion control systems.

Width Tolerance

± 10 µm

Micron-level width control

Thickness Tolerance

± 5 µm

Range: 2.5 × 0.8 mm section

Surface Finish

Ra 0.03 µm

Mirror-quality surface control

Mill Thickness

± 0.005 mm

Achievable on our own mills

Tolerances may vary by alloy type, section geometry, and order volume. Our technical team works with customers to define achievable specifications for each application — contact us for a detailed tolerance specification sheet.

Industries We Serve

Automotive

- Wiper blades & vertebra
- Recliner springs
- Wave springs

Stumpp Schüle & Somappa · Star Circlips · Rockmann · Almighty Auto Ancillaries · Jaya Automotive · West India Power Equipments

Filtration & Mining

- Wedge wire screens
- Triangular wire & support rods
- Sand control devices

Johnson Screens · Andritz · SIMO · Gujarat Wedge Wire · Halliburton · Costacurta

Pulp & Paper

- Pulping mill components
- Parason mill systems
- Screen baskets

Parason Machinery

Aerospace

- Screw locking wire
- Precision fastening components

ARK Industries (DGCA/AS9100 process pathway)

Textile

- Card clothing wire
- Precision textile components

Groz-Beckert · Muraco Card Clothing (approval in progress)

Industrial / General

- Springs — various profiles
- Custom profile wire
- Lee Springs applications

Lee Springs (USA/Germany) · IIS · CGR Springs · RPK · Butterfly Springs · TIDC

CLIENT REFERENCES

Trusted by Leading Manufacturers

Stumpp Schüle & Somappa
Automotive springs

Star Circlips
Automotive circlips

Rockmann
Chain components

Johnson Screens
Filtration

Andritz
Filtration / Paper

Halliburton
Sand control

Costacurta
Industrial screening

Lee Springs
USA & Germany

Parason
Pulp & paper mills

TIDC India
Automotive

ARK Industries
Aerospace

CGR Springs
Industrial springs

GLOBAL REACH

Export Markets

Kalpatech exports precision wire to customers across three continents — with active business in Czech Republic, USA, UAE, Kuwait, and Canada. Wire Düsseldorf 2026 has opened discussions in additional European and Asian markets.

Czech Republic	Europe	Precision wire applications
United States	North America	Springs (Lee Springs USA)
Canada	North America	Sand control / Halliburton (~1,000 MT/yr)
UAE	Middle East	Industrial applications
Kuwait	Middle East	Industrial applications

Developing: Germany · Italy · Southeast Asia · South Korea (post Wire Düsseldorf 2026 pipeline)

Production Technology

Proprietary

Dancerless Technology

Proprietary advanced dancerless control system using high-response servo synchronisation to maintain precise tension without traditional dancer arms — reducing mechanical complexity and downtime.

Japanese Precision

Yaskawa Motion Control

Sophisticated Yaskawa motion controller systems combined with our dancerless architecture deliver seamless, high-speed, and consistent operation across every production run.

72 HRC Hardness

Tungsten Carbide / Böhler K110 Tooling

Ground and lapped rolls up to 72 HRC for superior surface finish and extended tool life — ensuring consistent output quality across long production runs.

24/7 Rated

Rigid, Vibration-Free Mill Stands

Heavy-duty, vibration-isolated mill construction ensuring long-term dimensional stability and repeatable output quality in continuous 24/7 production environments.

QUALITY & CERTIFICATIONS

Quality Control Process

01

Incoming Material

Raw material inspection against material certificates

02

In-Process Control

Dimensional checks at each deformation stage

03

Surface Inspection

Ra surface finish measurement throughout run

04

Final Dimensional

Full profile measurement against customer specification

05

Certificate & Release

Test certificate issued with every delivery lot

IATF 16949:2016

Automotive Quality Management System

ISO 9001:2015

Quality Management System

ZED Gold

Zero Effect Zero Defect
Govt. of India Scheme

Lead Times, Packaging & Terms

Lead Times

Standard Wire — **2 – 3 Months**

From order confirmation to dispatch

Custom Profile Wire — **3 – 4 Months**

Includes profile development and approval

Wire Flattening & Profiling Mills — **2 – 6 Months**

Depends on configuration complexity

Packaging & Delivery Standards

Delivery Forms

Coiled · Spooled · Cut-to-length · Cut with notch · Cut with forming

Export Packaging

Palletised (fumigated wooden pallets) for all export shipments

Protection

Moisture barrier wrapping available on request

Labelling

Full lot traceability — heat number, dimensions, alloy grade, cert number

Documentation

Material test certificate · Packing list · Invoice · COO

Why OEMs Choose KEILIND

01

Process Capability

IATF 16949:2016 discipline — Cpk-driven process architecture, not just dimensional compliance.

02

Proprietary Technology

Our own dancerless rolling mills — engineered for tight tolerances at high throughput, 40% more cost-effective than leading competitors.

03

Global Standard, Indian Cost

Process maturity equivalent to European manufacturers — at a cost structure that delivers significantly better ROI.

04

Application Engineering

17 years across automotive, filtration, aerospace, textile — we understand your process problem, not just your specification.

05

Documented Traceability

Every lot traceable to heat number, alloy batch, and production parameter set. Test certificates with every delivery.

06

Export-Ready Infrastructure

Fumigated pallet packaging, COO documentation, international payment terms — established export processes to 5 countries.

Let's Talk Precision

We work best with OEM manufacturers who take process consistency seriously — and want a wire supplier who does the same.

- Request a technical specification conversation
- Send us your wire application requirements
- Request a sample with full test certificate
- Visit our production facility in Nashik

KE

Precision is our process. Consistency is our product.

Contact Us

Company

Kalpatech Engineers & Industries Ltd. (KEILIND)

Location

Nashik, Maharashtra, India

Products

Flat Wire · Profile Wire
Triangular Wire · Mills

Certifications

IATF 16949:2016
ISO 9001:2015 · ZED Gold

Website

www.keilind.com

LinkedIn

KEILIND / Kalpatech Engineers