



Welkin Tech®

Continuously Improving Conveyor Solutions



Welkin Tech Source Pvt. Ltd

www.welkintechsource.com

DIRECTOR'S VISION



MR. KULDEEP SINGH
Founder Director
Welkin Tech Source Pvt. Ltd.



MR. INDERJEET
Founder Director
Welkin Tech Source Pvt. Ltd.

Welkin Tech Source Pvt. Ltd. is committed to delivering consistent quality, value-added products, and reliable services to meet customer and regulatory requirements.

The management believes that quality is a continuous improvement process and not a one-time achievement. We consistently work towards improving our product design, manufacturing processes, and performance to ensure that our customers receive the best possible solutions.

Our products are designed with a strong focus on:

- Low maintenance requirements
- High productivity and operational efficiency
- Long service life and reliability

Recognizing that no product or process is ever perfect, we continuously invest in Research & Development (R&D) to improve performance, enhance safety, and incorporate innovation. Continuous learning, process optimization, and technological advancement are integral parts of our organizational culture.

We also place strong emphasis on after-sales service to ensure customer satisfaction throughout the product lifecycle. Our team is committed to providing timely technical support and service assistance to maintain uninterrupted customer operations.

The top management is fully committed to establishing, implementing, maintaining, and continually improving the Quality Management System (QMS) in accordance with applicable ISO standards. We ensure that quality objectives are defined, reviewed, and aligned with the strategic direction of the organization.

Our primary objective is to deliver complete customer satisfaction by providing high-quality products, dependable service, and a consistent customer experience.

WHO ARE WE ?



Welkin Tech Source is a leading provider of advanced chip removal systems and material handling solutions, based in Mohali, India. With 13 years of industry experience, Welkin Tech Source has established itself as a pioneer in chip conveyors and industrial handling solutions. Through consistent innovation and dependable service, Welkin Tech Source has earned a strong and respected position in the industrial equipment manufacturing segment.

Trusted for product quality, reliability, and customer satisfaction, Welkin Tech Source draws strength from a team of highly skilled professionals with deep technical expertise and industry insight. By staying at the forefront of technological advancements, Welkin Tech Source delivers efficient, reliable, and customized solutions aligned with specific manufacturing requirements.

At Welkin Tech Source, improvement is a continuous journey. We are not perfect—but we are among the best in the industry. Every day, we work to enhance product quality, performance, and durability, because our clients truly deserve the best.

OUR MISSION



Welkin Tech Source Pvt. Ltd.

Our mission is to design, manufacture, and deliver high-quality, value-added products that meet customer, statutory, and regulatory requirements while ensuring low maintenance, high productivity, and long-term reliability.

We are committed to:

- ▶ Continuous improvement of products, processes, and systems
- ▶ Investment in Research & Development for innovation and performance enhancement
- ▶ Consistent adherence to quality standards and best manufacturing practices
- ▶ Strong after-sales service and technical support throughout the product lifecycle
- ▶ Building long-term relationships through trust, transparency, and customer satisfaction
- ▶ Our mission is driven by a customer-focused approach and a strong culture of quality at every level of the organization.

OUR VISION



Welkin Tech Source Pvt. Ltd.

Our vision is to build a strong and trusted Indian brand, recognized for its uncompromised quality, reliability, and innovation, by continuously improving our products and processes.

We aspire to:

- ▶ Become a preferred solution provider in India, known for high-quality and performance-driven products
- ▶ Expand our presence globally, delivering Indian-engineered products that meet international standards
- ▶ Continuously work on product quality, R&D, and innovation to stay ahead of customer expectations
- ▶ Create sustainable solutions that contribute to long-term customer success
- ▶ Build an organization driven by skilled people, ethical practices, and a passion for excellence
- ▶ Our vision is rooted in the belief that consistent quality and continuous improvement are the foundation for creating a globally respected brand from India.

QUALITY POLICY



Welkin Tech Source Pvt. Ltd.

Welkin Tech Source Pvt. Ltd. is committed to manufacturing and supplying products that meet customer requirements, statutory and regulatory requirements, and applicable quality standards.

We shall achieve this by:

- Establishing and maintaining an effective Quality Management System in compliance with ISO requirements
- Ensuring consistent product quality through controlled processes and trained personnel
- Focusing on continuous improvement of products, processes, and systems
- Investing in Research & Development to enhance product performance and reliability
- Designing products that ensure low maintenance and high productivity
- Providing efficient after-sales service and technical support
- Periodically reviewing quality objectives to ensure alignment with organizational goals

Top management is committed to communicating this Quality Policy across the organization, ensuring its understanding at all levels, and making it available to relevant interested parties. The effectiveness of this policy shall be reviewed periodically for continual improvement.

COOLING CONVEYOR



Forging Application

The Cooling Conveyor by Welkin Tech Source Pvt. Ltd. is a precision-engineered solution developed for forging industries where accurate, gradual cooling is essential to preserve material strength, grain structure, and metallurgical integrity.

Designed to handle all types of temperature ranges, this system can accept extreme input temperatures up to ~2000°C and precisely reduce them to any required output temperature (e.g., 200°C or as per process demand). Multiple independently controlled cooling zones ensure uniform heat dissipation while smoothly transferring forged components through enclosed chambers.

A key advantage of this conveyor is its flexibility. A single system can store and run multiple temperature programs, allowing different forging components to be processed on the same conveyor simply by selecting the required recipe from the HMI—without mechanical changes.

Fully PLC-operated and HMI-enabled, every parameter—conveyor speed, fan speed, blower speed, and zone-wise temperature—can be accurately controlled and optimized according to product requirements, ensuring repeatability, consistency, and complete customer satisfaction.



Key Features & Capabilities



- Designed for all temperature ranges and high-temperature forged components
- Multi-zone controlled cooling chambers with precise temperature management
- PLC-controlled system with multiple recipe/program storage
- HMI interface for real-time monitoring and quick program selection
- Adjustable conveyor chain speed
- Independent control of fans and blowers
- Real-time monitoring of input, zone-wise, and output temperatures
- Monitoring of both surface temperature and product core temperature
- Heavy-duty, robust construction for continuous industrial operation

Why This Cooling Conveyor Is the Best Choice



- Supports multiple components and temperature profiles on one machine
- Maintains grain structure and mechanical properties
- Prevents thermal shock and uneven cooling
- Improves process consistency and product quality
- Reduces rejection, rework, and operational losses
- Built for reliability, safety, and long service life

CHIP CONVEYOR (HINGE TYPE)

Welkin Tech Source



Looking for a reliable solution to manage metal chips efficiently? Our **Hinge Type Chip Conveyor** is designed to collect and transport metal chips smoothly, improving shop-floor cleanliness and productivity. Built with **robust build quality**, it **ensures long life, low maintenance, and excellent performance**. Compatible with **all types of machine tools**, this conveyor helps reduce downtime and increase output.

Why We're Best:



- ▶ Heavy-duty build for long service life
- ▶ Low maintenance, more productivity
- ▶ Smooth operation & high efficiency
- ▶ Continuous focus on product quality



Because we know our clients deserve the best.

BUY FROM WELKIN TECH SOURCE

let's build smarter operations together.

SCRAPER CHIP CONVEYOR

Welkin Tech Source



Efficient **scraper chip conveyor** for horizontal and inclined transport, handling materials up to 300 mm. Built for mining, metallurgy, coal, and chemical industries—strong, reliable, and productivity-focused.



Why We're Best



- ▶ Heavy-duty build quality
- ▶ Long service life
- ▶ Handles tough materials smoothly
- ▶ Low maintenance, high efficiency
- ▶ Continuous improvement in product quality

Because at Welkin Tech Source, we build what our clients truly deserve

SCREW CHIP CONVEYOR

Welkin Tech Source

Our **Screw Chip Conveyor** is designed for smooth and efficient horizontal or inclined chip transportation. Ideal for handling metal chips and bulk materials with controlled, clog-free movement, it ensures clean, safe, and productive operations.

Applications:

Used in CNC & VMC machines, metalworking units, forging shops, mining, metallurgy, coal handling, and chemical industries.



Why We're Best



- Strong, precision-built construction
- Long operational life
- Low maintenance, high reliability
- Seamless integration with all machine types
- Consistent performance for higher productivity

At Welkin Tech Source, we continuously improve quality—because we know our clients deserve the best.

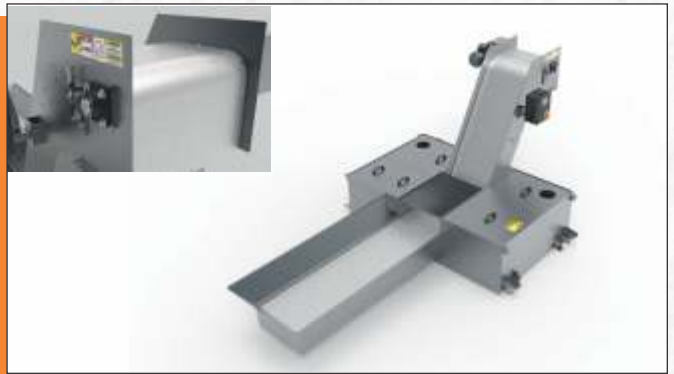
MAGNETIC CHIP CONVEYOR

Welkin Tech Source

Welkin Tech's **Magnetic Chip Conveyor** ensures smooth, safe handling of wet and dry ferrous chips, small parts, and stamping slugs. Designed for continuous, trouble-free operation, it delivers reliable performance with minimal maintenance.

Applications:

CNC & VMC machines, grinding machines, stamping lines, automotive and engineering workshops.



Why We're Best



- Robust magnetic system for steady chip flow
- Low maintenance, clean operation
- Long life with heavy-duty build quality
- Consistent performance, higher productivity
- Pan-India trusted support and service

At Welkin Tech Source, we build conveyors with care—because our clients always deserve the best.

HOT FORGING CONVEYOR

Welkin Tech Source



Built to perform in extreme conditions, our **Hot Forging Conveyor** is designed for safe and smooth handling of red-hot forged components. Engineered for high temperatures and heavy loads, it ensures controlled movement, better safety, and uninterrupted production.

Applications:

Hot forging units, press lines, hammer forging shops, automotive and heavy engineering industries.



Why We're Best



- Heat-resistant, heavy-duty construction
- Designed for extreme temperatures
- Long life with reliable performance
- Custom-built to match your process
- Low maintenance, higher productivity

At Welkin Tech Source, we understand hot forging challenges—and deliver solutions that keep your operations strong, safe, and efficient.

SLAT CONVEYOR

Welkin Tech Source



Looking to reduce machine bed heating and non-productive time? Our **Slat Conveyor** is the right choice. Designed for smooth transportation of heavy loads, it ensures stable movement, better heat dissipation, and continuous workflow in demanding production environments.

Applications:

Assembly lines, production operations, machining centers, automotive and heavy engineering industries.



Why We're Best



- Strong, heavy-duty slat construction
- Excellent heat resistance and load handling
- Low maintenance, long service life
- Smooth operation for higher productivity
- Custom-engineered to fit your process

At Welkin Tech Source, we build conveyors that work as hard as you do—helping your operations run cooler, faster, and smarter.

WIRESHMESH CONVEYOR

Welkin Tech Source



Welkin Tech's **Wiremesh Conveyor** combines the strength of stainless steel with excellent airflow, making it ideal for extreme high or low temperatures. Perfect for handling hot, oily, or dirty parts, it ensures smooth, hygienic, and reliable material movement.



Applications:

Heat treatment lines, cooling & drying processes, food & pharma units, forging and washing operations.

Why We're Best



- Stainless steel construction for long life
- Withstands extreme temperatures
- Maximum airflow for efficient cooling/drying
- Low maintenance, high reliability
- Consistent performance with quality focus

At Welkin Tech Source, we engineer conveyors that perform where others struggle—because your process deserves the best.

BELT CONVEYOR

Welkin Tech Source



Welkin Tech's **Belt Conveyor** is built for smooth, reliable, and efficient material handling. With complete in-house capabilities—cutting, splicing, V-guiding, testing, and inspection—we deliver conveyors that meet the highest standards of quality and performance.



Applications:

Manufacturing units, assembly lines, packaging, warehousing, automotive and general industrial operations.

Why We're Best



- Complete in-house processing & quality control
- Precision workmanship with strict inspection
- Long-lasting, high-performance belts
- Customised solutions for every application
- Reliable operation with minimal downtime

At Welkin Tech Source, we don't just supply belts—we deliver trust, quality, and performance you can rely on.

PACKING CONVEYOR

Welkin Tech Source



Smooth and efficient product flow is the foundation of successful warehouse operations. Welkin Tech's **Packing Conveyor** is designed to streamline packaging processes, reduce handling time, and improve overall efficiency. Fully customizable to suit your unique product line, it ensures seamless movement and consistent performance.

Applications:

Warehouses, packaging and sealing lines, dispatch areas, logistics and distribution centers.



Why We're Best



- Custom-designed to match your workflow
- Smooth, reliable product movement
- Strong build for long service life
- Low maintenance, high efficiency
- Focused on productivity and quality

At Welkin Tech Source, we build packing conveyors that help your operations move faster, smarter, and smoother.

GRAVITY ROLLER CONVEYOR

Welkin Tech Source



Welkin Tech's **Gravity Roller Conveyor** is a smart, cost-effective solution for smooth material movement without power. Designed to improve flow, reduce labour effort, and enhance workplace safety, it keeps operations simple and efficient.

Applications:

Warehouses, assembly lines, packaging areas, loading & unloading zones, logistics and distribution centers.



Why We're Best



- Strong, durable roller construction
- Smooth flow with zero power consumption
- Low maintenance, long service life
- Customised layouts to fit your process
- Designed for safety and productivity

At Welkin Tech Source, we deliver practical, reliable conveyor solutions—because your material handling deserves excellence.

PAPER FILTERED SEPARATOR



Welkin Tech Source

Welkin Tech's **Paper Filtered Separator** is an efficient filtration solution for industrial coolant systems. It effectively removes contaminants and fine particulates, maintaining clean coolant and improving machine performance. Compact in design and easy to maintain, it helps extend coolant life, protect critical machine components, and reduce operating costs.



Applications:

CNC & VMC machines, grinding machines, machining centers, automotive and engineering industries.

Why We're Best



- High-efficiency paper filtration system
- Compact, space-saving design
- Easy maintenance and reliable operation
- Extends coolant life and machine health
- Built for consistent performance

At Welkin Tech Source, we design filtration systems that keep your machines running cleaner, longer, and smarter.

PAPER FILTERED SEPARATOR WITH MAGNET UNIT



Welkin Tech Source

Welkin Tech's **Paper Filtered Separator with Magnet Unit** offers advanced coolant filtration by combining paper media filtration with magnetic separation. It efficiently removes fine particles, metal chips, and ferrous impurities, keeping coolant clean and effective. This system helps extend coolant life, protects machine components, and ensures smooth, reliable operations with easy maintenance.



Applications:

CNC & VMC machines, grinding machines, machining centers, automotive and engineering industries.

Why We're Best



- Dual filtration: paper + magnetic separation
- High removal efficiency for ferrous contaminants
- Improves coolant quality and machine life
- Compact design with easy maintenance
- Reliable performance for long-term use

At Welkin Tech Source, we engineer filtration solutions that safeguard your machines and keep productivity flowing.



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