

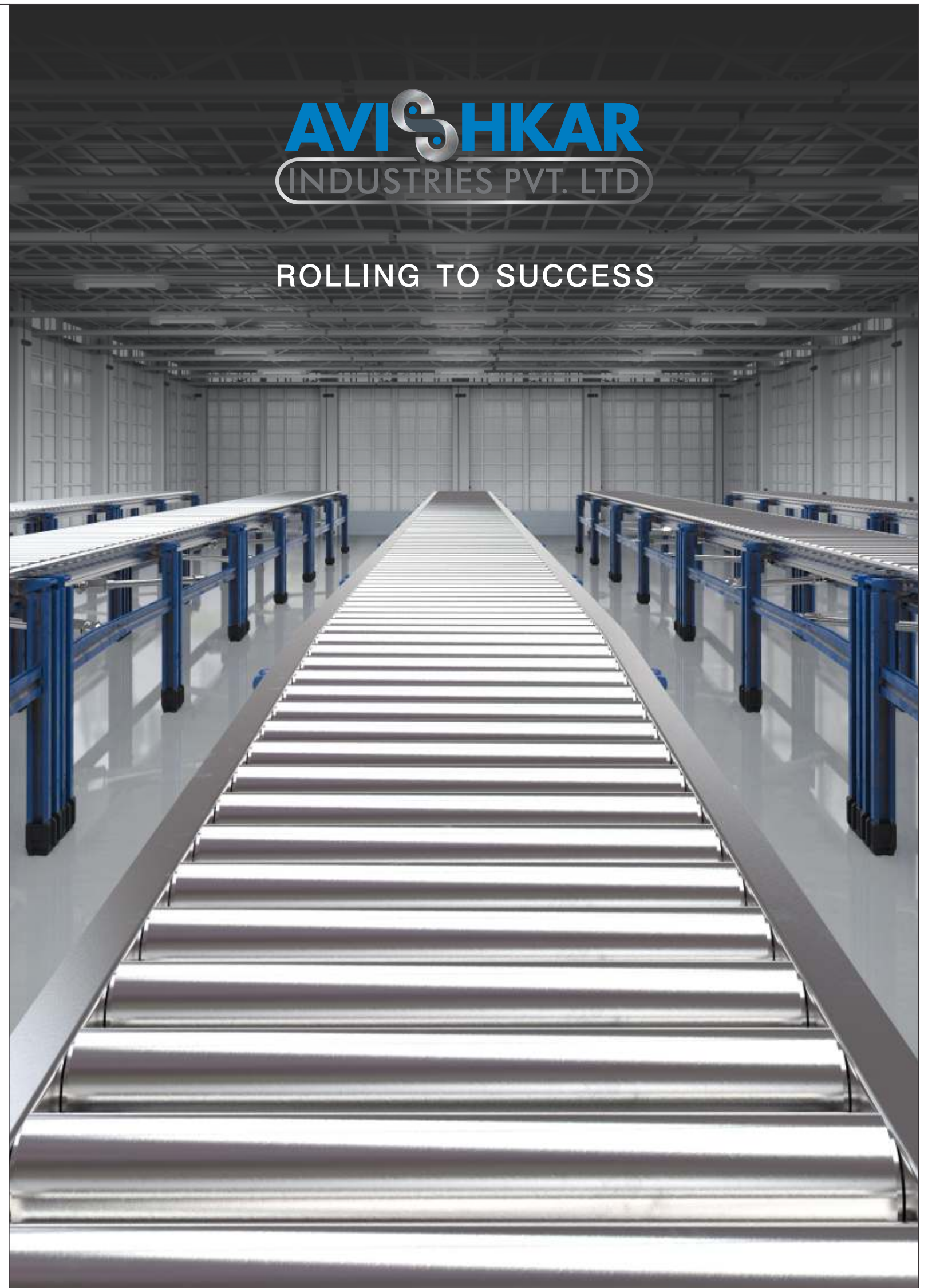


SYMBOL OF SUCCESS



AVI & HKAR
INDUSTRIES PVT. LTD

ROLLING TO SUCCESS





MISSION

Undertake every project with excellence in engineering and deliver value to our clients and associates.

Drive for maximum safety.

Act responsibly towards clean environment, sustainable growth, and community welfare.

VISION

To strive for perfection in all our endeavors with innovation and precision and lead our industry with quality as main focus.



ABOUT US

Established in the year 2002, Avishkar Industries Private Limited is an ISO 9001:2015 certified company which manufactures world-class Bulk Material Handling Equipments such as Belt Conveyors, Conveyor Components, Idlers, Frames, and Pulleys. Our capabilities encompass heavy structural fabrication and end-to-end engineering solutions on turnkey projects, from equipment design to erection and commissioning.

Till date, Avishkar Industries has catered to cement, power, iron ore, stone-crushing, coal, sugar, tea industries amongst several others across the nation.

The company has also been certified ISO 14001: 2015 for Environment Policy and OHSAS 18001: 2007 for Occupational Health and Safety Policy.

OUR STRENGTH

We derive our strength from our commitment to engineering precision and quality dedicated to customer's requirements. We perfectly blend technology and business-ethics which results in superior quality products at low cost. Our clients rely on us for exceptional products, services and technical guidance packaged with uncompromising after sales support. We now serve clients from various industrial sectors which is a testimony of our unmatched services, technical acumen and customer satisfaction.



OUR VALUES



Our values are driving force and defines our work ethics, and sets standards for our working environment by setting ethical boundaries.

INTEGRITY

Integrity lies in the core of our values. Our processes and standards are not up for compromise. We strongly believe in doing things the right way under all circumstances.



ACCOUNTABILITY

We maintain complete transparency and accountability in our work. We owe this not only to our stakeholders but also to entire society towards which our mission is focused.



EFFICIENCY

We strongly believe in working with principles of lean management combined with agile methods. Our relentless focus on efficiency always results from optimum utilization of resources resulting in cost efficiency which benefits us as well as our clients.



QUALITY

Our values along with our vision and mission are driven towards single goal which is Quality Control. We ensure stringent adherence to quality, norms and regulations, and our products are unmatched in the industry.



SAFETY

No earning is worth if it comes at the cost of safety of any personnel. Safety standards are held at the top in our working principles. Our machines and equipments, procedures and processes are carefully laid out with keeping in mind the safety of everyone involved.



PRODUCT RANGE

We undertake turnkey material handling projects, from designing to commissioning, for cement, power, iron ore plants, coal industry, stone-crushing plants, sugar and tea industries to name a few. We also cater to designing, manufacturing and commissioning of fuel handling system, ash handling system and heavy fabrication structures.

We provide superior quality products with international design standards which are manufactured with precision and accuracy at our state-of-the-art manufacturing facility.

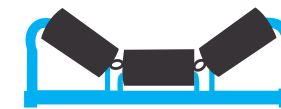
CONVEYORS

- 1 BELT CONVEYORS
- 2 SHUTTLE CONVEYORS
- 3 SCREW CONVEYORS
- 4 TRIPPER CONVEYORS
- 5 DRAG CHAIN CONVEYORS
- 6 SLOT CHAIN CONVEYORS



IDLERS

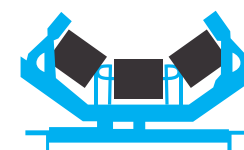
1. TROUGHING / CARRYING IDLERS



These are to support the loaded belt. They are designed and fabricated to

have smoothness of rotation, enough capacity to carry the load designed, minimum frictional resistance per rotation, long life, easy maintenance and replacement; usually designed for troughing angles of 15, 20, 25, 30, 35 and 45 degrees. To prevent side trip of the belt and automatic alignment, a forward tilt for side rollers is provided.

2. BELT TRAINING / SELF-ALIGNING CARRYING IDLERS



These are used among normal carrying idler. The idler base is designed and fabricated so as

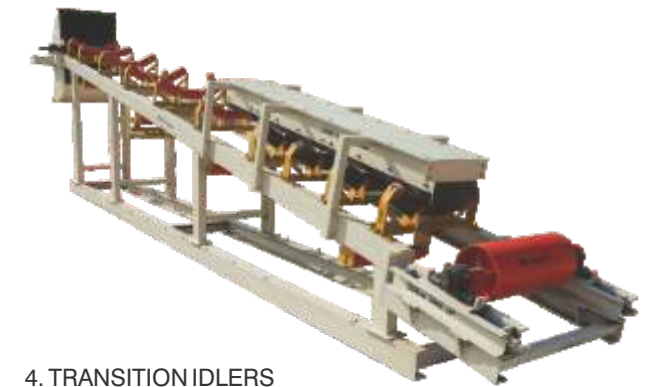
to train the belt. The upper frame carrying the idler roller swivels around a vertical pivot with guide rollers fixed.

3. IMPACT IDLERS



These are used to support the loaded belts at loading points of conveyor. Abrasive and

corrosion resistant rubber discs are provided on rollers to take the impact of falling material. They can be installed in heavily dusty area. The troughing angles will be the same as the carrying idlers.



4. TRANSITION IDLERS



These are placed between the final troughing idler and the head pulley to support the belt during its transition from a concave to a flat contour. The end rollers can be adjusted vertically to match the changing contours of the belt during the critical period of transition.

5. GARLAND IDLERS



The rollers are connected with links to have free action. The idler is hung from the brackets fixed on both sides by means of U-bolt.

6. BELT TRAINING / SELF-ALIGNING RETURN IDLERS



These are similar in construction and characteristics of the self-aligning / Carrying Idlers. The top frame has a facility for fixing guide rollers.

7. RETURN IDLERS



These are used to support the return run of the belt. The fixing brackets are designed so as to have enough clearance between the belt edge and the brackets or conveyor structures when it is misaligned.

8. RETURN IDLERS WITH RUBBER DISC



High abrasion resistant plastic / rubber rings are mounted on the return idlers which effectively prevent clogging of sticky material to the return roller surface.



CONVEYOR PULLEYS

We design and manufacture all type of conveyor pulleys like head pulley, tail pulley, snub pulley & bent pulley. These come in three basic categories viz, Standard Construction Pulleys, Heavy-Duty Construction Pulleys, Extra Heavy-Duty Construction Pulleys. These can be of width ranging from 400 mm to 2400 mm for capacities upto 20,000 TPH. Available in rubber lagging and ceramic lagging.

AIR POLLUTION CONTROL EQUIPMENT

We also design and manufacture Air pollution control equipment. These remove Volatile Organic compound (VOCs) and Hazardous Air Pollutants (HAPs) like sulphuric gases, fumes, odours and vapours, from air. Air pollution control equipment is a vital component of industrial processes and required by all Industries.

BUCKET ELEVATORS



WET SCRAPPERS

Avishkar Industries Pvt. Ltd. is also involved in manufacturing and supplying a wide range of Wet Scraper Conveyor. These are made of abrasion resistant durable components. They are also equipped with ZSS pin to protect equipment from damage. Our Wet Scraper Conveyors are also used for slag granulating, environmental engineering below gas conditioning tower for sponge iron projects.

CHUTES



CRUSHERS



SCREENS



FABRICATION

We undertake fabrication of all categories – Heavy, Medium and Light. Such as:

- Gate - Flap Gates, Rod Gates, Shut Off Gate, Slide Gate, Manual Slide Gate
- Silos, Bins and Hoppers
- Rotary Airlock Valves
- Butterfly Damper
- Water mixing drum
- Movable conveyors
- Steel Bridge



OUR FACTORY

We take immense pride in owning one of the kind end-to-end product development life cycle facilities with services ranging from conceptual design to final product development and commissioning at client's site.

DESIGN

Our in-house design and engineering team specializes both in modern software and hardware technologies related to designing of product. We adhere to international standards trending in the industry. Our team works with the clients through the entire process in ensuring both design feasibility and seamless execution.

MANUFACTURING

Our state-of-the-art manufacturing facility is designed for scale. With a total area spanning over 100,000 sq.ft. integrating fabrication, machining, assembly and painting under one roof, and coupled with an immensely skilled workforce of over 300 labours managed by 65 supervisors, there rarely is a design and manufacturing project of material handling equipments, which we cannot execute.

ERECTION & COMMISSIONING

Along with our in-house product design and manufacturing, we are also serve in erection and commissioning at client's site. A specialised team of engineers and crew members follow a meticulous process for testing, supervision and shutdown, throughout the erection and commissioning process.



SPM- PIPE WELDING MACHINE



PIPE TURNING MACHINE



CNC COMBO POLYGON LATHE MACHINE



FULLY AUTOMATIC HORIZONTAL BAND SAW MACHINE



WATER INGRESS ION TESTING EQUIPMENT



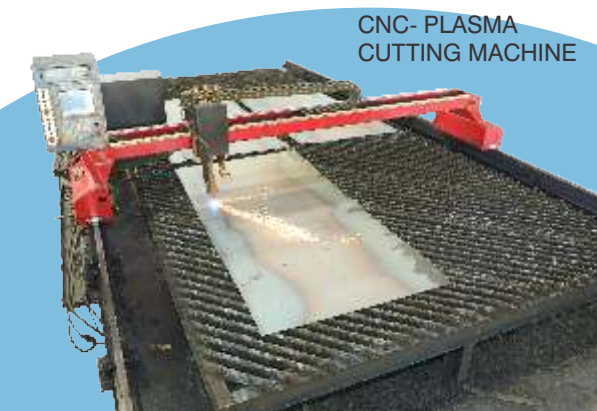
DUST INGRESS ION TESTING EQUIPMENT



ROLLER ASSEMBLY MACHINE



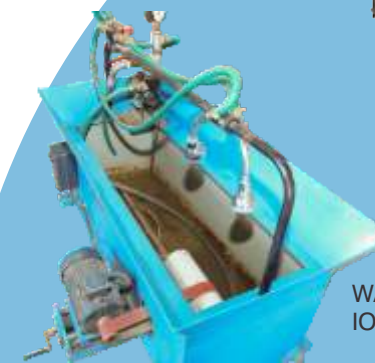
FREE ROTATION TESTING EQUIPMENT



CNC- PLASMA CUTTING MACHINE



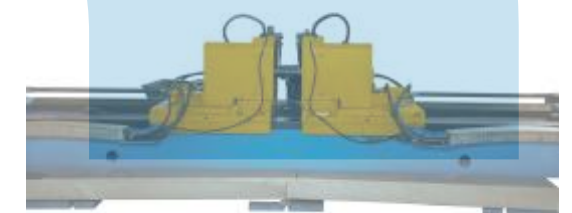
SHEARING MACHINE



WATER INGRESS ION TESTING EQUIPMENT



FRICTION FACTOR TESTING EQUIPMENT



PIPE TURNING MACHINE



WHY AVISHKAR

1. Product customization as per requirement.
2. High quality at low cost.
3. Strictly maintained timelines on project development and completion.
4. Prompt and reliable after sales service.
5. Highly skilled workforce for execution of projects.
6. Zero compromise on safety.

BRAIN BEHIND THE BRAND

SANJAY KABRA

Mr. Sanjay Kabra, an accomplished mechanical engineer with over 15 years of experience is not only the brain but also the force behind the brand which is known as Avishkar Industries Pvt Ltd. His versatile knowledge and experience in design, manufacturing and material handling processes followed by strong business ethics, zeal for innovation and impeccable entrepreneur skills resulted in Avishkar becoming a fully functional industry in a very short period of time. Today Avishkar provides employment to over 500 people which would not have been possible without his entrepreneurial acumen and technical strengths.



OUR ESTEEMED CLIENTS

- LARSEN&TOUBRO LIMITED,(CONSTRUCTION DIVISION)
- PROPEL INDUSTRIES PRIVATE LIMITED.
- SANDVIK ASIA PVT.LTD.
- ISGEC HEAVY ENGINEERING LIMITED.
- ULTRA- TECH CEMENT LIMITED.
- BELCOSYS INFRA TECH PVT.LTD.
- NCL INDUSTRIES LIMITED.
- HYQUIP SYSTEMS LIMITED.
- DECCAN CEMENT LIMITED.
- SRI CHAKRA CEMENT LIMITED.
- THE INDIA CEMENTS LIMITED.
- SRI SAI ENTERPRISES.
- HARSCO INDIA PRIVATE LIMITED.
- THE KCP LTD.
- CHETTINAD CEMENTS CORPORATION.LTD.
- BGR ENERGY SYSTEMS LIMITED.
- GREYGOLD CEMENTS LIMITED.
- SHRI GIRIJA ALLOY & POWER(I) PVT.LTD.
- THAKUR INFRA PROJECTS PVT.LTD.
- RAIN CEMENT LIMITED.
- GGM ENERGY VENTURES PVT.LTD.
- HEMADRI CEMENTS LIMITED.
- KESORAM INDUSTRIES LIMITED.
- NCC LIMITED

