

Catalogue **2022**»

TNT ROOFINGS

**PRE- ENGINEERED
BUILDINGS**

Building Stronger Future

Delivering projects in time with
a personal touch



EOT CRANES

powered by

STAHL
Crane Systems 

TNT CRANES



About Us

Tippers and trailers india private limited (tnt) is an iso 9001:2015 certified company based out of bangalore. It has completed projects in different states of india such as andhra pradesh, telangana, tamil nadu, rajasthan, maharashtra apart from home state karnataka. Tippers & trailers india pvt ltd provides pre-engineered buildings, turnkey solutions under one roof including design, engineering, manufacturing, supply and erection of complete steel building. These buildings are customized to suit all type of projects spanning from warehouses, industrial sheds, factories, distillery plant, dairy farms, packaging, aircraft hangars, rice mills, automobile, commercial complex buildings etc. Tippers & trailers india pvt ltd established with the sole vision of using latest technology to achieve best quality standards and provide value for money to its customers. Our creative and ambitious professionals are on the relentless look out for superior ways to integrating new technology and efficient processes in the steel fabrication industry to deliver precisely what the customers expect.

Tippers & trailers india pvt ltd has a fabrication facility spread across 1.25 lac sq. Ft. In bangalore, that boasts a completion of more than 10 million sq. Ft. Pre-engineered buildings till date. This enables tnt to deliver its buildings in a very short time and thanks to economies-of-scale, at very competitive prices.

Tnt cranes, a division of tippers & trailers india pvt ltd is a fast-growing division powered by stahl crane system gmbh. The team has a vast experience in crane field of more than two decades. It has recorded an astounding supply of a good number of cranes within the span of 3years of crane division has started. Tnt cranes provides turnkey solution for a plant with high perfection and global standards.

From the Director's Desk

Progress for me has never been a dream. It has always been a distant reality and once one milestone is achieved, there is always another one waiting to be crossed. It is with this belief that My father Ashok hissaria started Tippers and Trailers India Pvt. Ltd. in 2003, a company that was in the business of Body building of Trailers, Tippers and other Metal Fabrications. Almost instantly, TNT India Pvt. Ltd. became a prominent name in its business segment, but like every entrepreneur sticks to their dream, I always wanted to push my company to more prosperous milestones. More than being a leading player, I always perceived my company as a unit that could make a difference with its quality and competitively priced products. Taking a path less travelled, I expanded TNT into PEB production and Crane Manufacturing, a highly sensitive business that requires a high amount of technical know-how, expertise and specialized knowledge.

Overcoming challenge after challenge with the support of my brilliant team, I have been successful in bringing TNT to a new milestone of national recognition.

The journey of TNT is never ending. But with the support of my team and clients, I am confident that the company will continue to scale milestones of excellence for years to come.



Ravi Hissaria
Managing Director

TNT ROOFINGS
(A UNIT OF TIPPERS & TRAILERS INDIA PVT LTD.)



Through this Award, we acknowledge and applaud the company's myriad services, and their ingenuity to leverage the best practices in presenting unique methodologies to address complex business demands.

Srinivasan Chandra Das
Chairman



Vision

To become one of the leading solution provider for pre-engineering buildings and EOT cranes with outstanding quality products and services.



Mission

We work continually to upgrade the product knowledge to meet up global technical standards.

Quality Policy

Tipplers & Trailers India Private Limited is fully committed to the quality policy, which shall ensure that its products & services are defect free and delivered on-time.

The policy of the company is to:

1. Manufacture and supply of Pre-Engineered buildings & EOT cranes to the customer as per requirement fulfilling all aspects of quality.
2. Use the company's commendable experience & knowledge in the production of PEB/EOT cranes to provide world-class deliverables to the end user.
3. Continually improve the effectiveness of the quality management system by setting and achieving quality objectives.
4. Maintain adequate percent of profit while ensuring quality, performance and reliability.
5. Embrace the culture of continual improvement throughout the organization by employing a quality strategy of waste reduction and increasing competitiveness.

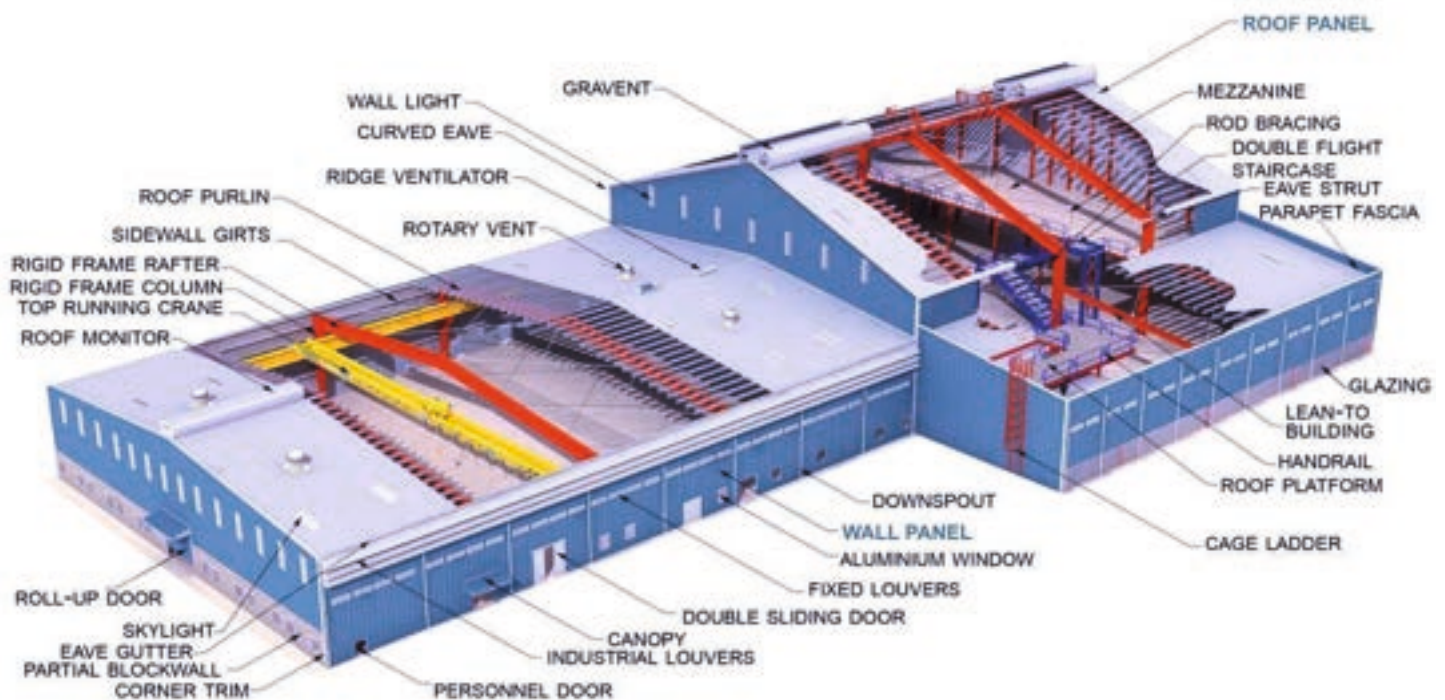
Our Product Portfolio

- Pre-engineered Buildings-
- Factory Sheds And Warehouses.
- Eot- Cranes- (STAHL-germany)
- PEB Materials-
 - › Roofing Sheets
 - › Decking Panels
 - › Purlin Sheets
 - › Composite Roofings
 - › Puff Panels
 - › Flashing And Trim
 - › Sky Lights And Turbo Ventilaters & Etc
- Mezzanine Floors
- Silos
- Structural Fabrication
- Bridge Girders
- Road Side Crash Barricades
- Street Light Poles
- Customised Slit Sheet Metal Coils
- Cut To Length Sheets- 0.3 To 12 Mm
- Plates Profiles-plasma Cutting
- GI Panels
- Material Handling Equipements
- High Rise Modular Racks
- Structural Steels/tubes/coils Trading



Why do designers & owners choose structural steel?

	Conventional Steel	Pre Engineered Buildings
Construction time cycle	Increased constuction time due to the sequential and manual site fabrication.	Shorter construction time cycle as much as one third faster so one can occupy his building sooner, since its mass produced on programmed machines.
Quality	Average quality due to site fabrication	Superior quality due to shop fabrication and enhanced surface finish.
Cost Predictability	Difficult to predict costs due to unknown element of steel availability and usability.	Precise estimation of cost is possible. Also, there are several indirect cost benefits due to weight reduction.
Aesthetics	Not much emphasis on aesthetics.	Architectural and aesthetic appeal provided along with functionality which is inherent in the design of PEB.
Design	Compliant with ISI codes.	Compliant with the latest American codes AISC as well as ISI codes. Also, buildings matching codes like BS, DIN can be designed on demand.
Flexibility	Not flexible mostly being a welded connection.	Totally flexible for future expansion. Dismantling and replaceable.



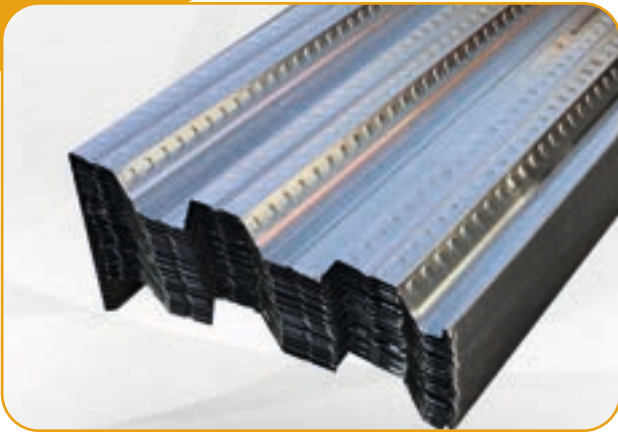
Pre-engineered Buildings- Advantage

- COST-EFFECTIVE
- TIME-SAVING
- VERSATILITY
- QUALITY AND DURABILITY
- LOW-MAINTENANCE
- SUSTAINABLE



Various Applications

- Warehouses.
- Industrial building/factories.
- Showrooms.
- Shopping malls.
- Stadium/auditorium
- Community halls
- Parking lot/petrol station.
- Aircraft hangers/metro stations.



STEEL DECKING SHEETS

Trapezoidal Metal Profile sheets with strong and reliable shear bond performance which is augmented by cross embossing located in the profile. The composite floor profile offers the ultimate in the light weight steel decking which reduced concrete usage to provide a cost effective and alternative floor solution that easy to install. The floor is constituted by a profiled sheet onto which a layer of concrete is poured. The sheet is bonded to the concrete by means of moldings on the sheet which stop the concrete from slipping horizontally and

detaching vertically. When the concrete is poured and until it has reached an appropriate level of hardening (stage 1), the weights of the concrete, personnel working and equipment used in borne by the sheet alone. Once the concrete has hardened (stage 2) the sheet and the concrete form a unified bond.

COLOUR-COATED GI ROOFING SHEETS

For the most demanding application Roofing sheets offer Standing Seam roof panel. This high performance roof system boasts the highest wind up lift resistance. A unique one piece GI clip design allows for unlimited thermal movement. Side joints are double lock-seamed to ensure weather tightness.

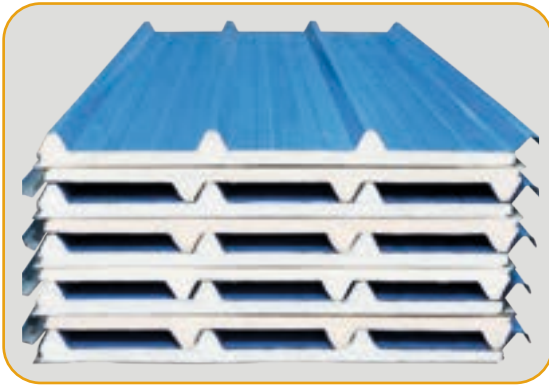


PURLINS

Purlins are the secondary, yet the most important member of Pre-engineered building.

In place of conventional channels & angles Z & C purlins are most cost effective & easy to manufacture & install.

Purlins are available from 100mm -300mm depth/height and 45mm to 85mm wide in several thickness with downturn lips (flanges)

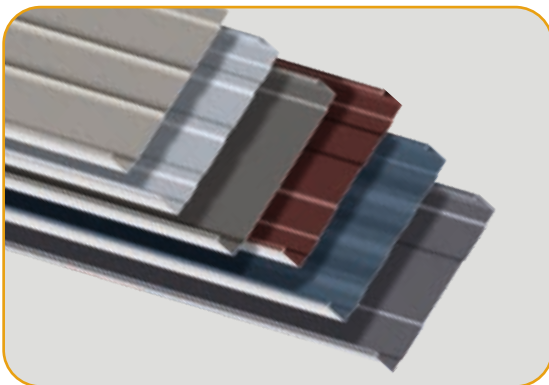


SANDWICH PU ROOFING PANELS

UF panels are sandwiched panels made of polyurethane which is usually sandwiched between two metal sheets. Sandwich puf panels are widely used in steel structures in the present day due to their various advantages. PUF panels are also available in different sizes depending on the requirement and a PUF panel supplier or PUF panel manufacturer should be able to design them according to your specifications.

SKYLIGHT-POLYCARBONATE SHEET

- Used as a key light (daylight) in between main metallic roofing sheets & cladding sheets to reduce electricity cost.
- Available in plain & embossed form to matching pattern of roofing sheets & specs of customers.
- Very high strength & hence almost unbreakable; Light weight & flexible.
- Impact resistance to fire & acid; UV stabilised/ resistant. Light transmission up to 80%.



STANDING SEAM ROOFING SHEETS

Standing seam panel system with double lock standing seam, eliminates the risk of leakage at fasteners side & end laps due to concealed end fasteners system & provides excellent protection in all weather conditions.

LOUVERS

Louvers are generally used in industrial and storage buildings. They form a part of the ventilation system that is often required to reduce the build-up of dust, vapor, and heat inside buildings to practical levels.





CURVED SHEET METAL FLASHING

Curved Roofing Sheets are ideal for residential, commercial as well as industrial usage. Our entire range is fully tested on all load performance parameters to suit most applications. This type of sheet offers excellent flexibility in designing. Easily curved in any complex shape for perfect architectural decoration, these roofing sheets need no special tools and accessories in their installation.

- Aesthetic appearance
- High impact & bending strength
- Elimination of many flashing/capping Excellent finish

TURBO VENTILATOR

Effective ventilation is an important aspect of a productive force. Fresh air makes people feel more alive and vital, whilst state hot air causes people to feel lethargic and disinterested. The mechanics involved in the air movement is very simple. The hot air inside the shed tends to rise up. When the turbines rotate, they suck the warm air out through the vent, thereby, bringing out a drop in temperature in the shed and allow supply of fresh air through doors and windows.



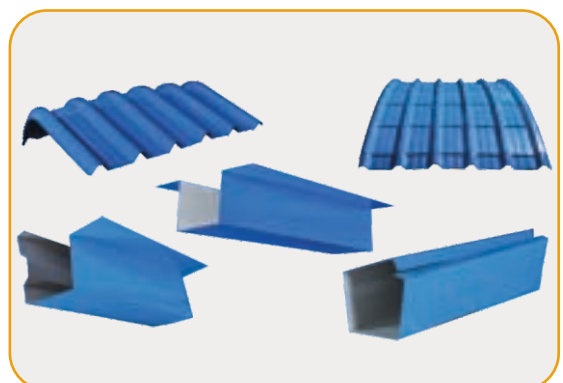
DOWNTAKE PIPES

Downtake Pipes package has been designed to make installation very easy for gutter height of 12 m. The package includes all components needed for installation and they come in a single package, ensuring safe delivery. Our down pipe package includes:

Offers metal Downtake Pipes made out of 550 mpa color coated galvalume material. Length can be according to the customer's requirement.

ROOFING ACCESSORIES

Eave gutter, roof flashing, cable end flashing, end wall flashing, box gutter, screws







powered by

STAHL
Crane Systems



COMPLETE CRANE SOLUTIONS

TECHNOLOGY & PERFORMANCE





TNT Cranes are the authorized sales partner of Stahl-Germany. Stahl executes the projects through sales partners across global. The complete crane components are imported from Germany and the crane bridges are fabricated and assembled in our state-of-the-art manufacturing facility in Attible. The quality of manufacturing and execution supervision is completely guided by Stahl- technical experts available in India. Every crane manufactured in our factory is being tested and certified by stahl engineers, who are exclusively available at our manufacturing center all the time.

STAHL CraneSystems is both a worldwide manufacturer of hoists and crane components as well as a supplier of methodical engineering solutions. More than 140 years old, the company is a global leader in explosion-proof crane technology and offers one of the widest and fullest product portfolios available on the market. customers include crane builders, machine/system builders as well as planning companies, and general contractors from around the world.



FOR YOUR REQUIREMENT CALL NOW- 9606030034

- SINGLE GIRDER EOT
- DOUBLE GIRDER EOT
- WORKSTATION CRANES
- GANTRY CRANES
- SEMI GANTRY CRANES
- JIB CRANES
- SPECIAL CRANES
- WIRE ROPE HOISTS
- SHUTDOWN OPERATIONS
- CHAIN HOISTS & BLOCKS
- CRANE INSTALLATIONS
- SERVICES OF EOT CRANES
- SPARE PARTS SUPPLY
- CRANE REFURBISHMENT
- CRANE REPAIRS
- AMCS
- LIFTING EQUIPMENTS

TNT Crane Support System

We, TNT Crane support system team are dedicated to provide comprehensive service back up to any make of cranes. We provide health check-up, AMC, Training, Refurbishment & maintenance of existing aged cranes. In order to provide better service and support to industries, our team always ready to serve you 24/7 for any challenges like breakdowns, near breakdowns, preventive maintenance, overhauling ,etc

So you can call us our dedicated service number all the time-

CALL FOR SERVICE - 9606030035

Our Services

- Quick service call- Break down
- AMC (preventive maintenance)
- Refurbishments/renovations of aged cranes.
- Rail maintenance and replace
- Busbar/Festooning system refurbishments
- Modernisation of cranes- such as-
 - › Sway control
 - › IOT- Wifi enabled
 - › Remote control operation.
 - › Hooter/Buzzer/Light indicator fixing.
 - › Limit switches/photo sensor.
 - › Load indicators
 - › Zone mapping





Installation Of Crane



Single Girder EOT Crane



Double Girder EOT Crane

The tried and tested all-rounder

The SH wire rope hoist programme is used around the world in many different applications. Compact, strong, particularly maintenance-friendly and an ideal when it comes to combining quality, flexibility and performance.

The module system enables almost unlimited combinations of the components. Coming in five sizes with 26 S.W.L. variants, the SH series covers the safe working load range from 500 kg to 25,000 kg. The new SH 6080 wire rope hoist extends the versatile SH wire rope hoist range to safe working loads up to 32,000 kg. The wire rope hoists can be used in stationary applications or together with trolleys in standard cranes, off-standard cranes or systems building.



CAP- 125 KGS TO 2000KGS

180/270/360 degree swivel mechanism manual/motorised pushpull/geared/ motorised cross travel mechanism. Lightrail arm system/ I-beam arm system

Pillar Mounted Jib Crane



CAP- 125 KGS TO 2000 KGS

Fitted by brackets or chemical bolts grouting can be fixed for concrete columns/Steel columns/ Walls/Pillars at various heights/ other features same as Jib crane system.

Wall Mounted Jib Crane



- This system is completely customised on case to case based on application and site condition.
- Monorail system can be standard I-beams or hollow rail system.
- Whole system can be pillar supported or suspended by roofings.
- Busbar or cable festooning system can be provided based on site condition and total travel length.
- Most suitable for curvilinear movement/jumbo bag movements.

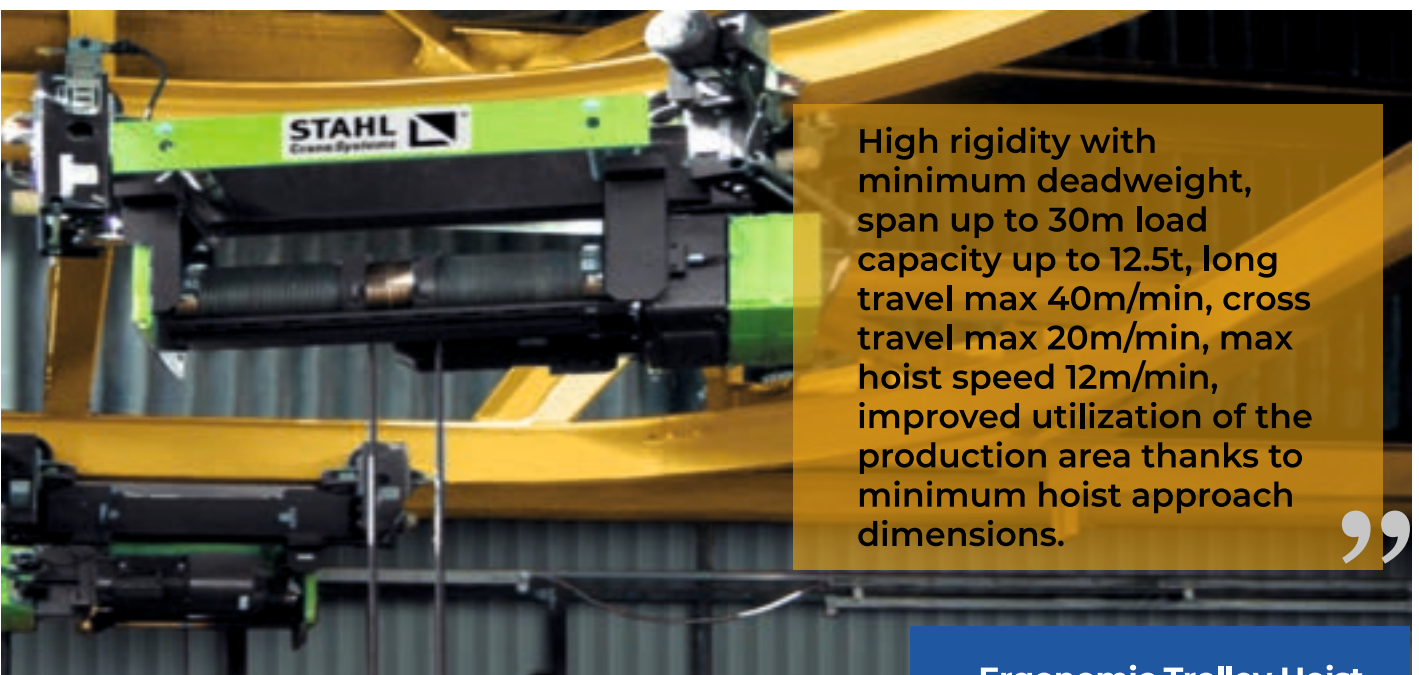
Mono Rail Crane System



Under Slung Crane



Portal Crane Customised



High rigidity with minimum deadweight, span up to 30m load capacity up to 12.5t, long travel max 40m/min, cross travel max 20m/min, max hoist speed 12m/min, improved utilization of the production area thanks to minimum hoist approach dimensions.

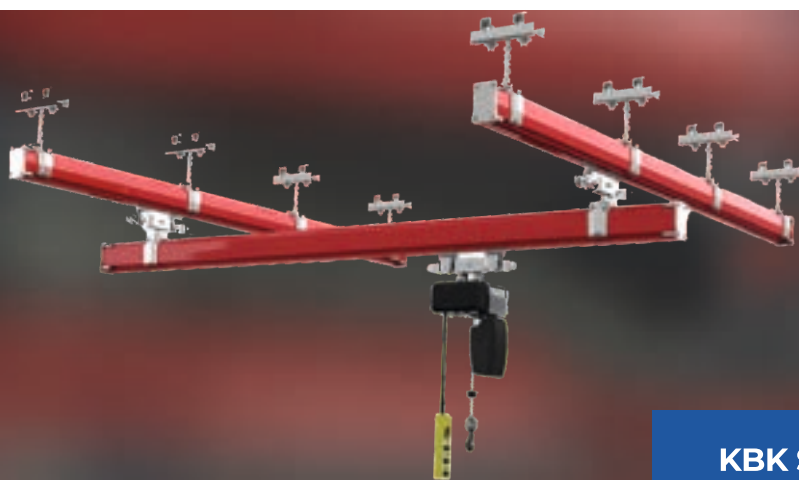
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Ergonomic Trolley Hoist

**Chain Hoist****KBK Rail System**

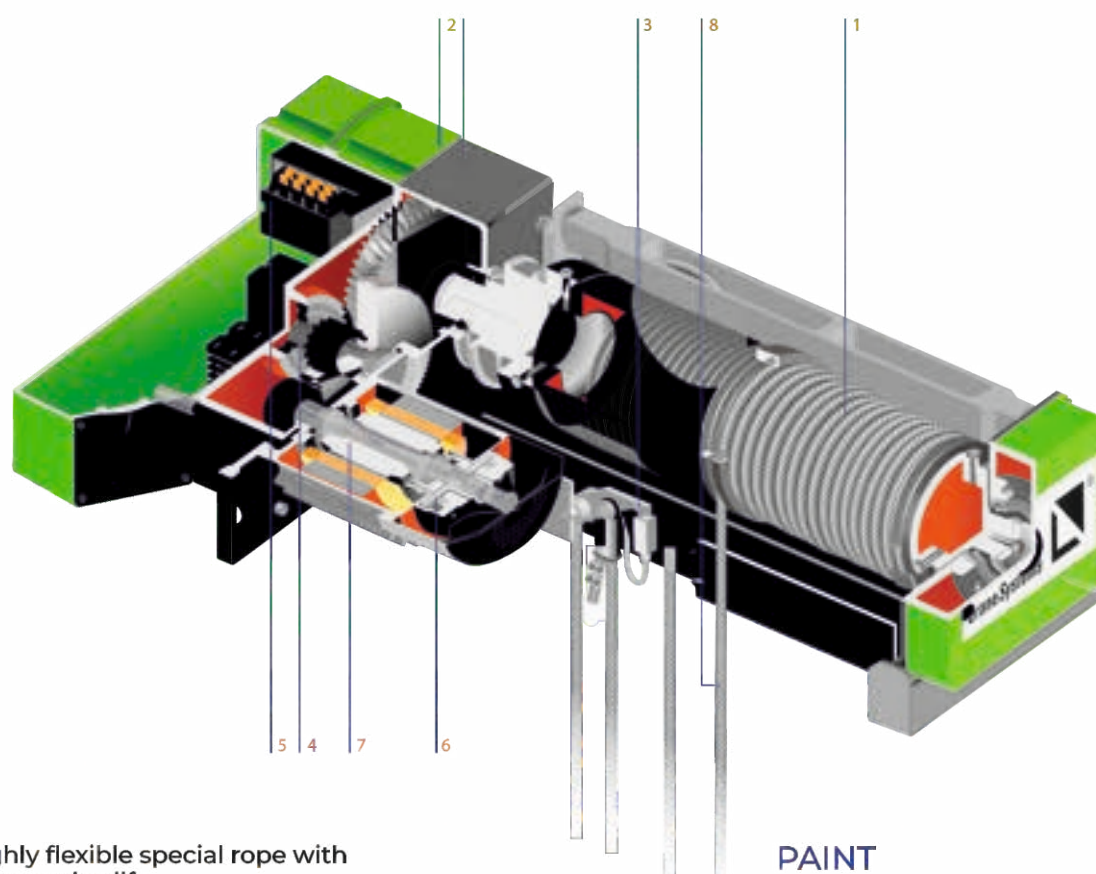
KBK suspension monorails from our KBK light crane system give you the certainty of solutions tailored to meet your specific requirements for linear, overhead handling. Their special strengths are to be found in their many options:

- ▶ Simple, manually operated straight sections – also possible with aluminium profile sections
Complex installations. Load capacities up to 3,200Kg
- ▶ Flexible routing by means of straight and curved sections, track switches and turntables
- ▶ Direct link between pick-up and deposit points in reversing operation or a closed circuit.
- ▶ Besides manual operation, semi- or fully automated designs are also possible.

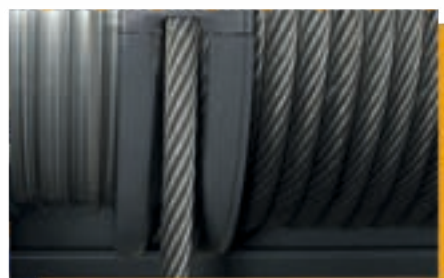
**KBK Suspension Crane**

SPECIAL FEATURES OF STAHL HOIST

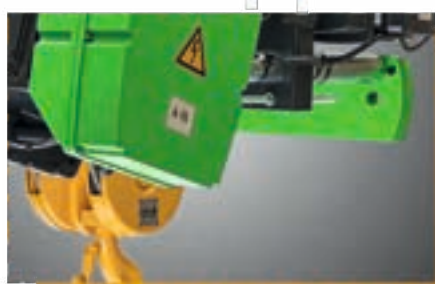
Advanced, reliable technology is built into every SH wire rope hoist. The nearly maintenance-free components of the modular wire rope hoist are designed to work together, providing optimal operation, high efficiency, and long service life. The standard safety components, including a geared limit switch, motor temperature control, overload device, and optional secondary brake, increase safety for the operator and your facility.



- Highly flexible special rope with long service life
- Field-proven enclosed rope guide in spheroidal graphite cast iron has no temperature limitations. This GJS material (previously designated GGG40) is suitable for highest and lowest temperature ranges
- 360° rope tensioner prevents the formation of rope slack



ROPE AND ROPE GUIDE



- Standard paint treatment as per RAL 6018 yellow-green and RAL 7021 black grey
- High-quality primer and top coats for standard Applications
- Off-standard paint treatment for outdoor use or corrosive ambient conditions
- Shade as per customer's requirement

- Permanent electronic monitoring of suspended loads
- Limitation of the maximum load by load measurement at the rope anchorage possible in the case of multiple reeving



OVERLOAD CUT-OFF

Our own subsidiaries and numerous partners around the world ensure a reliable supply of spare parts and expert assistance in your area. Even decades after a series has been discontinued, spare parts are available all over the world around the clock.

HOIST GEAR



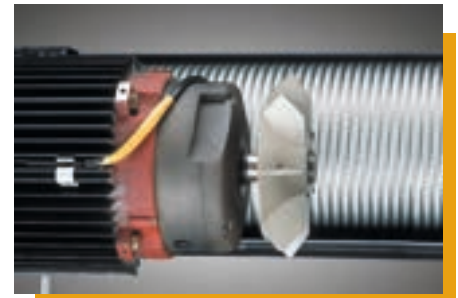
- All gear stages with lifetime lubrication in oil bath
- Modern technology ensures quiet operation

SLE/SMC CONTROL AND MOTOR MANAGEMENT



- Condition monitoring as standard
- Inching operation is suppressed to reduce stress on equipment
- All common control voltages available
- High degree of safety due to oversized contactors
- Temperature monitoring of the hoist motor and travel motor

BRAKE



- Low-maintenance, asbestos-free brake needs no adjustment
- Long service life thanks to oversized brake
- Brake easily accessible for inspection from outside
- Motor management ensures low wear
- IP65 protection

MOTOR



- Special-purpose motor for hoisting applications
- Classified as a high-duty-cycle and switching operation frequency motor
- IP55 protection, thermal class F
- Motor outside rope drum, highly efficient motor cooling, maintenance-friendly
- Temperature control by PTC

ROPE DRIVE



- Optimised ratio of drum-to-sheave diameter ensures low wear on rope
- Flexible and long-lasting wire rope
- Wear-resistant return sheaves, fine machining provides rope-friendly grooves in rope drum
- Drum easily accessible for rope replacement
- Robust bottom hook block with low headroom in spite of large dimensioning of hook

HOIST



MOLEX INDIA

ALUBEE DIE CAST

ACE ELECTRIC

SOGEFI MNR

CALCUTTA STEEL TUBES

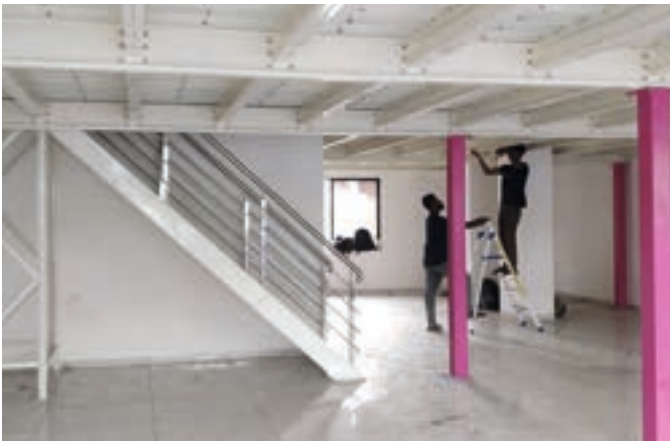
GRANITE ZONE



STRUCTURAL FABRICATION



STEEL TUBES AND PIPES



MEZANNINE FLOORING



SILOS





**Aerial view of our
Attibele manufacturing unit**



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