



KRANETEC Pvt. Ltd.

INSPECTION IS BETTER THAN MANAGEMENT

ISO 9001
2015
CERTIFIED

**Your Partner in
Lifting & Material Handling**



SAFE
Build with Safety
at Every Step



STRONG
Engineered for
Strength & Durability



SMART
Innovative Solutions
for Modern Industry



RELIABLE
Performance You
Can Rely On

CORPORATE
COMPANY BROCHURE

SALES | SERVICE | RENTAL
www.kranetec.in
info@kranetec.in





KRANETEC

Pvt. Ltd.

INSPECTION IS BETTER THAN MANAGEMENT

Our Story

Kranetec Pvt. Ltd. is a trusted and professionally driven name in the construction equipment industry, with over many more years of experience and a strong presence in Mumbai. Over the years, we have built extensive expertise in supplying, servicing, hiring, transporting, installing, and maintaining a wide range of construction equipment.

Our core expertise includes tower cranes, construction hoists, and other specialized construction equipment, supported by a dedicated team of experienced professionals committed to delivering dependable solutions at every stage of a project.

At Kranetec, we understand that safety, reliability, efficiency, and timely support are critical to the success of every construction project. That is why we focus on providing quality equipment, professional services, and responsive technical support tailored to the specific requirements of our clients. From individual equipment requirements to large-scale construction projects, we provide end-to-end equipment solutions designed to keep projects moving safely and efficiently.



www.kranetec.in

Core Values



Strong & Corporate

Built on Safety.
Driven by Quality.
Focused on Trust.



Construction Focused

Safety, reliability,
and performance at
every project



Premium & Professional

Committed to excellence
in every lift, every
project, every time.



Trust Focused

Reliable equipment and
dependable service
you can count on.

Our Mission



Kranetec Pvt. Ltd. is a trusted name in the construction equipment industry with over 10 years of experience based in Mumbai. Since our establishment, we have continuously expanded our expertise in supplying, servicing, hiring, transporting, and maintaining tower cranes, construction hoists, and a wide range of construction equipment. Our commitment to quality, safety, and customer satisfaction has made us one of the leading service providers in the industry. We deliver reliable equipment and professional support for projects of every scale.



Why choose us !

- Many years of Industry Experience
- Professional & Skilled Team
- Quality Assured Equipment
- Competitive Pricing
- Fast Service Response
- Timely Delivery & Transportation
- Customer-Focused Solutions
- Trusted by Construction Professionals



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Our Products

With a strong commitment to quality, safety, customer satisfaction, and professional service, Kranetec Pvt. Ltd. continues to be a reliable partner for construction companies, contractors, developers, and infrastructure projects across the industry.

sales | service | rental



TOWER CRANE
Reliable lifting for high-rise projects



MINI TOWER CRANE
Compact lifting for confined spaces



LUFFING TOWER CRANE
Precision lifting for congested sites



DERRICK CRANE
Specialized high-rise lifting solutions



CONSTRUCTION HOIST
Safe vertical transport of people & materials



ACE/SYSTEMS
Advanced crane safety & monitoring systems

INDUSTRIES WE SERVE



Residential
Real Estate



Commercial
Real Estate



Infrastructure
& Metro



Industrial
Projects



Power &
Energy



Oil, Gas &
Petrochemical



Manufacturing



Warehousing &
Logistics

1. TOWER CRANE

Heavy Lifting Solutions for Modern Construction



A Tower crane is an essential fixed lifting machine designed for heavy-duty material handling, high-reach vertical transport, and precision positioning on construction and industrial sites. Tower cranes provide the height, lifting radius, and stability required to build vertical infrastructure efficiently and safely.

Applications of Tower Cranes

- **High-Rise Residential & Commercial Towers :**
Vertical lifting of concrete skips, structural steel, rebar, glass facades, and precast panels directly to multi-story levels.
- **Metro Rail & Transit Infrastructure :**
Placing heavy girders, precast segments, and track materials across elevated corridors, stations, and bridge spans.
- **Industrial & Power Plants :**
Assembling massive industrial boilers, heavy equipment, cooling towers, and structural steel framing.
- **Bridge & Dam Construction :**
Transporting materials across wide spans and deep gorges where mobile cranes cannot reach.

Key Features of Tower Cranes

- ★ **Exceptional Height & Reach :**
Offers unmatched vertical lifting height (under hook) combined with broad 360-degree horizontal slewing coverage across large site areas.
- ★ **Space-Saving Footprint**
Requires minimal ground area for the mast base, freeing up vital ground space on congested urban job sites.
- ★ **Versatile Configurations**
Available in Hammerhead, Flat-Top, and Luffing Jib designs to adapt to surrounding obstacles and air rights restrictions.
- ★ **High Load Capacity**
Configured to handle massive tonnage at the base radius and heavy loads out to the maximum jib tip.
- ★ **Advanced Safety Systems**
Equipped with Safe Load Indicators (SLI), Anti-Collision Devices (ACD), anemometers for wind monitoring, and limit switches for hoist, trolley, and slew.



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2. MINI TOWER CRANE

Compact & Efficient Vertical Lifting Solutions

India's first MiniTower has arrived



A Mini tower crane is a compact, high-efficiency vertical lifting system engineered for sites where space, budget, and setup time are limited. Offering the core lifting capabilities of standard tower cranes in an agile and lightweight structure, it delivers safe material movement from ground level up to multi-story structures without requiring heavy civil foundations.

Applications of Mini Tower Cranes

- **Low-to-Mid & High-Rise Residential Projects :**
Lifting rebar, concrete buckets, cement bags, blocks, and shuttering materials up to 30 floors efficiently.
- **Urban Commercial & Mixed-Use Buildings :**
Operating within narrow city footprints, tight street fronts, and restricted airspace.
- **Redevelopment & Renovation Sites :**
Material handling for internal courtyards, structural additions, and brown field modifications.
- **Industrial & Warehouse Construction :**
Rapid movement of structural elements, roofing sheets, and equipment during floor-level assembly.
- **Small-Scale Infrastructure Developments :**
Handling material for pedestrian bridges, retaining walls, substations, and culverts.

Key Features of Mini Tower Cranes

- ★ **Rapid 24-Hour Installation**
Fast, hassle-free erection and commissioning with minimal labour and certified inspection protocols.
- ★ **No Heavy Foundation Required**
Lightweight structural frame allows setup on basic bases, tie-frames, or building slabs, saving foundation costs and space.
- ★ **Wireless Remote Control Operation**
High-precision, ergonomic remote operation allowing the operator complete visual oversight from ground or floor level.
- ★ **Flexible Jib Configurations**
Available with multiple working jib spans (e.g., 10m, 12m, 14m) and long hoisting wire setups to suit dynamic site geometries.
- ★ **Full-Grade Safety Integration**
Equipped with anti-overload limits, top-rope cutoffs, emergency brakes, and limit switches to match large-crane safety benchmarks.
- ★ **Cost-Effective Efficiency**
Low power consumption and minimal mobilization costs make it significantly cheaper than deploying large-scale heavy cranes.



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3. LUFFING JIB TOWER CRANE

Precision Lifting for Dense & High-Rise Sites



A Luffing jib tower crane is a specialized lifting system designed with an adjustable, angled jib that can be raised and lowered (luffed) rather than relying on a fixed horizontal boom with a trolley. This vertical articulation allows the crane to maneuver within exceptionally tight spaces, avoid surrounding air-rights violations, and operate seamlessly in clustered multi-crane setups.

Applications of Luffing Jib Tower Cranes

- **Supertall & High-Rise Towers :**
Vertical construction of ultra-high residential, hotel, and commercial skyscrapers where jib clearance is restricted.
- **Congested Urban Job Sites :**
Construction in dense city centers where slewing beyond property boundaries, streets, or neighboring buildings is legally restricted.
- **Multi-Crane Overlapping Zones :**
Projects requiring multiple cranes on a single site; luffing jibs can elevate to avoid collisions with adjacent crane masts and booms.
- **Complex Infrastructure & Bridge Pylons :**
Precision placement of precast segments, heavy steel reinforcement, and bridge towers in tight construction corridors.
- **Narrow Footprint Developments :**
Slender high-rise builds where standard hammerhead horizontal jibs would swing outside site lines.

Key Features of Luffing Tower Cranes

- ★ **Avoidance of Air-Rights Restrictions**
Prevents the boom from overflying public roads, active railway lines, or adjacent private properties.
- ★ **High Lifting Capacity at Steep Angles**
Delivers exceptional load performance close to the mast, ideal for heavy precast elements and structural steel.
- ★ **Anti-Collision & Slewing Controls**
Advanced integrated sensors and limiters coordinate multiple crane operations within tight, overlapping airspaces.
- ★ **High Wind Stability**
Steeply raised parking positions reduce wind resistance and tail-swing footprint during high wind conditions or out-of-service hours.
- ★ **Variable Working Radius**
The jib angle dynamically adjusts from near-horizontal to near-vertical, allowing the crane to park, slew, and lift within a minimal radius certified inspection protocols.
- ★ **Material Handling & Lifting Capabilities**
maintain both indoor and outdoor lifting capabilities ranging from 6 to 60 tonnes.



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4. DERRICK CRANE

Specialized Heavy-Lifting & Rooftop Dismantling Solutions



A Derrick crane is a specialized, compact lifting mechanism consisting of a mast or base frame, a boom, and a series of supporting legs or guy wires. In modern high-rise construction, derrick cranes—particularly rooftop and stiff-leg configurations—are the industry-standard solution for lifting heavy equipment to extreme heights and for dismantling large tower cranes at the completion of high-rise projects where standard mobile cranes cannot reach.

Applications of Derrick Cranes

- **Tower Crane Dismantling :**
Installed on building rooftops to disassemble internal climbing and external tower cranes, lowering their massive mast and boom sections safely to the ground..
- **Heavy Rooftop Mechanical Placement :**
Lifting and positioning HVAC chillers, cooling towers, backup generators, and elevator machinery on completed building slabs.
- **Confined Space & Infill Sites :**
Operating in extremely tight spaces or retrofitting historic buildings where ground access for mobile cranes is impossible.
- **Bridge & Pylon Construction :**
Handling bridge deck segments and heavy structural components from atop piers and abutments.
- **Industrial Erection & Shipyards :**
Stationary heavy-load handling for marine maintenance, quarries, and structural steel assembly.

Key Features of Derrick Cranes

- ★ **Compact, Modular Construction**
Designed in lightweight, easily transportable modules that can be carried up via service elevators or hoisted by a tower crane before its removal.
- ★ **High Lifting Capacity-to-Weight Ratio**
Delivers massive payload capacities while distributing weight evenly across reinforced rooftop or slab contact points.
- ★ **Steep-Angle Slewing & Reach**
Offers broad operational coverage with precise winch and luffing control for delicate load placement in tight urban radii..
- ★ **Minimal Base Footprint**
Mounts directly on concrete floor slabs, structural columns, or temporary steel grillage without requiring deep ground foundations.
- ★ **Fail-Safe Braking & Overload Systems**
Equipped with certified limit switches, emergency load-drop brakes, and rated capacity indicators for high-altitude safety.
- ★ **Material Handling & Lifting Capabilities**
Lifting capabilities ranging from 4 to 32 tonnes.



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5. CONSTRUCTION HOIST

High-Speed Vertical



A Construction hoist (also known as a passenger and material hoist, or builder's elevator) is a temporary vertical transport system engineered to move site personnel, tools, and heavy building supplies rapidly and safely between ground level and elevated floors. Attached to the building facade or mast tower, construction hoists optimize floor-cycle times and significantly reduce physical labour on vertical construction sites.

Applications of Construction Hoists

- **High-Rise Commercial & Residential Towers :**
Safe and rapid vertical transit of hundreds of workers, civil finishing materials, tiles, drywalls, and MEP fixtures across 10 to 60+ floors.
- **Industrial Plants & Silos :**
Transporting maintenance personnel, machinery parts, and heavy tools inside refineries, cement plants, and power stations.
- **Facade & Cladding Works :**
Providing continuous floor-to-floor access for exterior glazing, stone cladding, and curtain wall installers.

Key Features of Construction Hoists

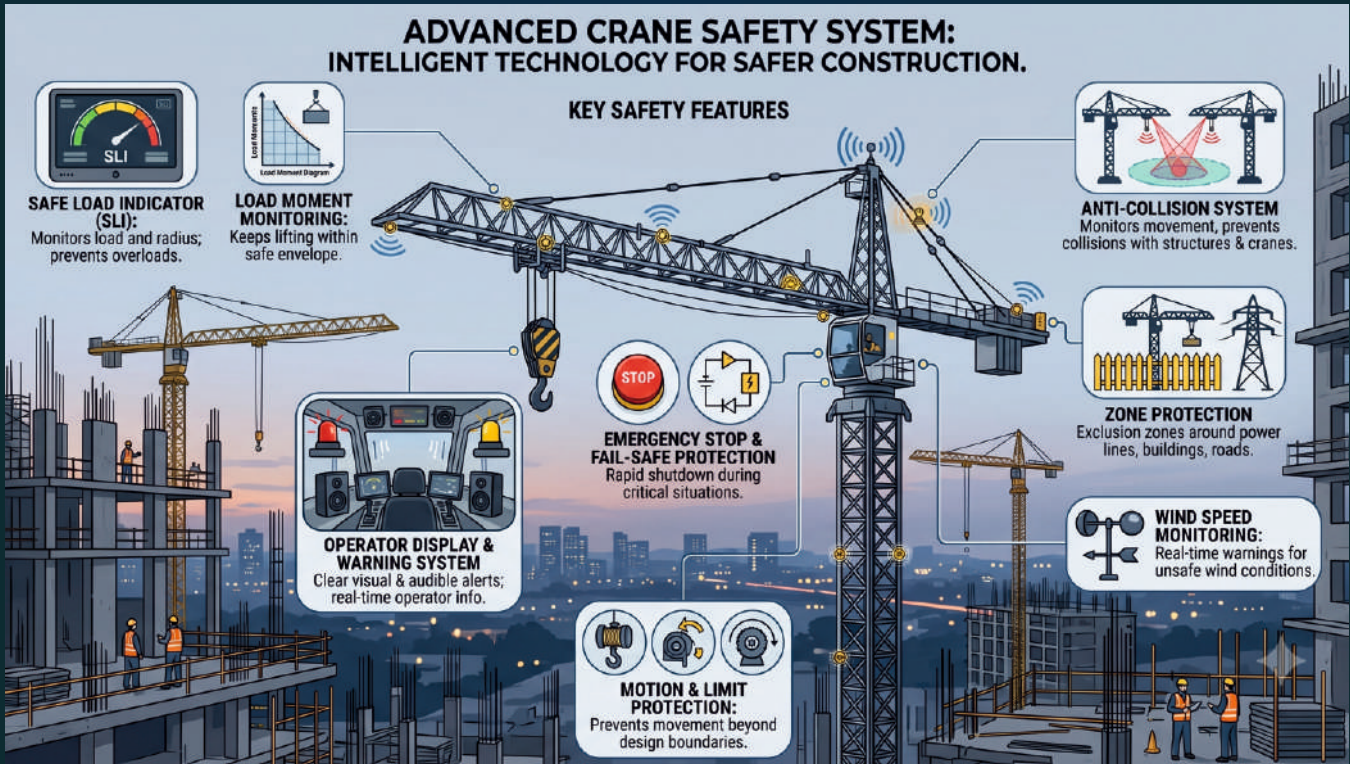
- ★ **Single & Twin Cage Configurations**
Available in modular single or twin-cage setups on a single mast, allowing simultaneous independent operations and doubling vertical logistics capacity.
- ★ **Rack & Pinion Drive System**
Reliable, heavy-duty mechanical drive mechanism providing high traction, minimal maintenance, and long service life at extreme heights.
- ★ **Comprehensive Multi-Level Safety**
Equipped with centrifugal progressive safety brakes (anti-drop device), door interlocks, overload sensors, upper/lower limit switches, and emergency descent controls.
- ★ **Energy-Efficient VFD Technology**
Smooth floor leveling that cuts down mechanical wear, prevents power surges, and reduces site energy consumption.
- ★ **High Payload & Speed**
High-capacity cabins carrying up to 1,000–3,500 kg (or 20–30 passengers) per cage, with Variable Frequency Drives (VFD) ensuring smooth acceleration, soft stopping, and speeds up to 40–60 m/min.



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ACE System

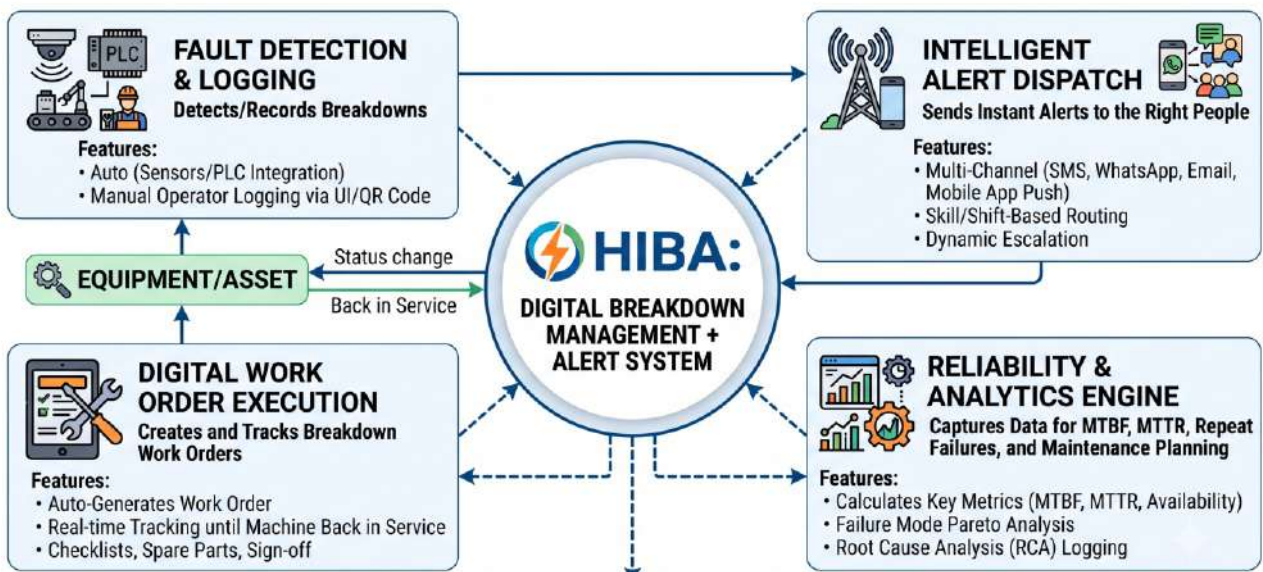
Advanced crane safety & monitoring system



Modern construction sites demand more than skilled operators—they require intelligent safety systems that continuously monitor crane operations and help prevent critical risks. Our Advanced Crane Safety System integrates electronic monitoring, load management, anti-collision technology, motion limitation and environmental monitoring to create a safer and more controlled lifting environment.

HIBAS (Highly Intelligent Breakdown Application)

HIBA: INTEGRATED BREAKDOWN MANAGEMENT SYSTEM - FUNCTIONAL FLOW DIAGRAM



- Detects or records equipment breakdowns (auto via sensors/PLC or manual by operator)
- Sends instant alerts to the right people (SMS/WhatsApp/email/app)
- Creates and tracks breakdown work orders until the machine is back in service.
- Creates and tracks breakdown work orders until the machine is back in service.



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Fabrication & Refurbishment

(Precision Fabrication. Engineered for Strength. Built for Performance)

We provide precision fabrication solutions for tower cranes, derrick cranes, construction hoists, and other lifting equipment. Our fabrication work is carried out with a strong focus on structural strength, dimensional accuracy, weld integrity, safety, and reliable performance in demanding construction environments.

Customized Crane Component Fabrication

We manufacture and fabricate a wide range of crane components as per technical drawings, specifications, and project requirements. From standard replacement components to customized structural assemblies, our solutions are designed to ensure compatibility, durability, and dependable operation.

Welding, Cutting & Structural Fabrication

Our fabrication capabilities include precision cutting, drilling, bending, forming, welding, and structural assembly. Every component is carefully fabricated to maintain accurate dimensions, proper alignment, and high-quality welds for safe and efficient crane operation.

Quality & Safety Focused

Every fabricated component undergoes stringent quality checks to ensure material quality, dimensional accuracy, structural integrity, and weld quality. We follow a safety-first approach to deliver components capable of performing reliably under critical lifting and construction conditions.

Refurbishment & Modification

We undertake crane component refurbishment, repair, strengthening, modification, and rebuilding, helping customers extend equipment life, improve performance, and reduce unnecessary replacement costs and downtime.

Kranetec Pvt. Ltd. — Reliable Fabrication. Stronger Cranes. Safer Operations.



P1: Engineering Design & Simulation



P2: Steel Cutting & Preparation



P3: Advanced Welding (Boom)



P4: Base Structure Fabrication



P5: Sub-Assembly (Carbody)



P6: Superstructure Assembly



P7: Painting & Coating



P8: Final Assembly (Integration)



P9: Rigging & Testing



P10: Logistics & Delivery



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