

SHREE ABHAY CRANES PVT. LTD.

PROVIDING SOLUTIONS IN MATERIAL HANDLING

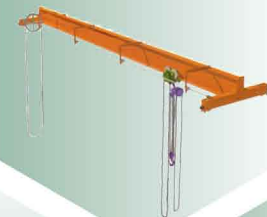
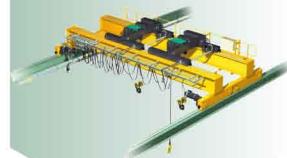


SERVICES

1. Erection & Commissioning Services
2. Refurbishment of existing Cranes
3. Annual Maintenance Contracts

PRODUCTS

1. Double Girder EOT Crane
2. Single Girder EOT Crane
3. Underslung Crane
4. Gantry & Semi-Gantry Crane
5. JIB Crane
6. Wall Traveling Crane
7. Manually Operated Crane
8. Articulated JIB Crane
9. Transfer Trolley
10. Winch
11. Crane Kit
12. Lifting Beams & other attachments
13. Grab Bucket



BRIEF INTRODUCTION

We are pleased to introduce ourselves as the manufacturers of “ABHAY” brand cranes. We also manufacture cranes for “INDEF” a Bajaj Group Brand, since our inception in 1997 under technical & marketing collaboration with M/s Hercules Hoists Ltd, Mumbai.

We have a 25000 sq ft covered shed equipped with four EOT Cranes, in a 7 acre premises .We have supplied more than 900 cranes ranging up to 35T in capacity. We have a good percentage of repeat orders which itself indicates our customer satisfaction. We have experience in taking up projects for complete material handling of upcoming units. We also have an equally good exposure to crane erection & commissioning. We have started offering AMC services to our customers so that they can focus on their core activities leaving cranes to us.

Our modernized shop floor consists of:

- 1) CNC Plasma-cum-Oxy fuel Profile Cutting Machine - ESAB
- 2) CNC Turning Centre - JYOTI
- 3) CNC Vertical Machining Centre - JYOTI
- 4) MIG & SMAW Welding Machines –ADOR/ L&T
- 5) Lathe Machines with the facility to machine 1200 mm diameter and length of 8000 mm
- 6) Radial Drilling Machine, Band Saw, etc
- 7) Shot Blasting Facility
- 8) Structure and Dead Weight for 3 Motion Live Load Testing of Overhead and Jib Cranes
- 9) Calibrated Measuring & inspection instruments.
- 10) Ultrasonic Testing, HV/ IR Testing and other required testing facility

Moving up the value chain, we also manufacture Steel Mill Cranes, higher capacity Jib Cranes, Grab buckets, Spark proof cranes, Radio Frequency controlled cranes and PLC controlled cranes. We look at ourselves as Solution Providers and not just crane manufacturers with increased focus on Services.

Our cranes are manufactured under strict quality controls right from designing and the material procurement to the processing, machining & fabrication. Our Cranes have gone through most rigorous third party inspections with Germanischer Lloyds, Bureau Veritas, SGS, IRS, EIL, M N Dastur, NTPC, Lloyds Registers, Avant Garde, etc.

We are equally concerned about Mother Nature and are proud to be energy positive and water positive. Our entire requirement of electricity is met by our own Solar Power Plant and we harvest more Rain Water than we annually consume.

We wish to serve our esteemed customers with our best quality products and services and be recognized as leading “Solution Providers” in material handling space. Please contact us for any of your requirements and let us serve you.



At **ABHAY**, we believe in **SERVICE FIRST**

Erection & Commissioning Services

We offer complete Erection & Commissioning Services all over India wherein we send complete team of our specialist technicians and Service Engineers to customer site. They undertake the erection of cranes, and in some cases even the building structure, from scratch and their scope extends upto commissioning and training of customers' operators.

In case of Export orders or even in India, where the customer has proper team for erection, we offer Erection Supervision and Commissioning Services. In such cases, our Service Engineer guides the customers' crew and ensures proper commissioning and training.

Refurbishment of Existing Cranes

In today's age, technology up-gradation is the key to efficiency and same is true for crane industry as well. For our progressive customers, who want to keep pace with changing technology, we offer refurbishment services for their cranes.

These jobs typically involve changing HOT Cranes to EOT, addition of VVVF Drive to existing control panels, addition of Radio Remote Controls, etc. We also undertake major overhauling of old cranes.

Annual Maintenance Contracts

We try to help our customers focus on their core business leaving aside crane maintenance and crane life cycle maintenance to us. Our technicians make some scheduled visits and some on-call visits for equipment maintenance and check-up. The spares consumed are separately charged. We also give training to the maintenance team of the customers.





DOUBLE GIRDER EOT CRANE

Operating Range & Standards

Capacity Range – Upto 100T

Span Range – Upto 40M

Long Travel Path – Straight OR Circular

Class of Duty – Upto Class IV (M8)

Design Standard – IS 3177/ IS 4137/ IS 807



Typical Applications:

Ladle Handling, Coil Handling, Scrap Handling, Billet Handling, etc in Steel Plants

Turbine Handling & Other Heavy Machinery Maintenance Applications

Cane Unloading in Sugar Industries- GRABBING CRANE

Mould Loading Applications

Heavy Duty use in General Engineering, Workshops, etc.

Salient Features & Options:

Drag Chain CT Trailing Cable Systems

Precision Control Cranes for Machinery Maintenance and Mould Changing Applications

Swivelling Crab for Billet Handling in Steel Plants

Multiple Cranes with Individual and Tandem Operations

Load Cell and Associated Controls for Metal Handling Applications

Cranes designed as per ASME/ DIN Codes

Girders with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Cranes; Cabin Control; Anti Collision Arrangement; Open Winch Hoists; Slip Ring Control; etc.

SINGLE GIRDER EOT CRANE

Operating Range & Standards

Capacity Range – Upto 25T*

Span Range – Upto 30M*

Long Travel Path – Straight OR Circular

Class of Duty – Upto Class III (M7)

Design Standard – IS 3177/ IS 807



Typical Applications:

General Engineering Industries – Fabrication Shops, Equipment Manufacturers, Textile Units, Tyre Mfg, Bearing Mfg, Glass Mfg, FMCG Companies, Workshops, Stores, etc.

Assembly Lines & Automobile Industries

Foundry & Forging Units

Pump Houses and Other Maintenance Applications

Salient Features & Options:

Maintenance Cages for LT Drive, Control Panel & DSL Maintenance

Low Headroom Hoists for Better Space Utilization

Ultra Low Headroom and Ultra Small Side Clearance Designs for Installations in constrained space.

Precision Control Cranes for Maintenance and Mould/ Job Loading Applications

Multiple Cranes with Individual and Tandem Operations

Load Cell and Associated Controls for Foundry Applications

Hook-on Type Hydraulic Operated Grab Buckets for Scale Handling

Cranes designed as per ASME/ DIN Codes

Girders with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Cranes; Anti Collision Arrangement; etc.

* Cranes with reported max capacity might not be possible with reported max span



UNDERSLUNG CRANE

For Reaching Out the Corners

Operating Range & Standards

Capacity Range – Upto 25T*

Span Range – Upto 25M*

Available Variants – Single Girder and Double Girder

Modes of Operation – HOT, EOT, Semi EOT

Class of Duty – Upto Class II (M5)

Design Standard – IS 3177/ IS 807



Typical Applications:

General Engineering Industries – Textile Units, Tyre Mfg, Bearing Mfg, FMCG Companies, Workshops, Stores, etc.

Assembly Lines & Automobile Industries

Other Maintenance Applications

Salient Features & Options:

Best Utilization of available Building Span

Anti Topple Arrangements for Large Overhangs

Multiple Cranes with Individual and Tandem Operations

Cranes designed as per ASME/ DIN Codes

Girders with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Cranes; Anti Collision Arrangement; etc.

* Cranes with reported max capacity might not be possible with reported max span

GANTRY & SEMI-GANTRY CRANE

Operating Range & Standards

Capacity Range – Upto 50T

Span Range – Upto 40M

Available Variants – Single Girder and Double Girder

Class of Duty – Upto Class IV (M8)

Design Standard – IS 3177/ IS 807

Typical Applications:

Stone Quarries

Railway Wagon Unloading

Flyover Construction Sites

Open Storage and Manufacturing Yards

General Engineering Units – for part utilization of large spans (Semi Gantry Cranes)



Salient Features & Options:

Overhanging Span for smooth material transfer outside Rail Span

Load Cell and Associated Controls for Precise Weight Handling Applications

Cranes designed as per ASME/ DIN Codes

Girders & Columns with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Cranes; Cabin Control; Anti Collision Arrangement; Open Winch Hoists; Slip Ring Control; etc.

JIB CRANE

Operating Range & Standards

Capacity Range – 50Kg - 10T*
Radius Range – Upto 15 M*
Mounting Options – Wall Mounted, Column Mounted,
Self Supported at Operating Floor &
Self Supported at Elevated Floor Levels
Swivel Options – Both Manual & Electrical
Class of Duty – Upto Class III (M7)
Design Standard – IS 15419/ 3177/ IS 807



Typical Applications:

Ladle Relining Stations, Ladle Slide Gate Maintenance, Shell Relining Stations in Steel Plants
Pump Houses, Jack Wells, etc
CNC Machine Job Loading/ Unloading Applications
Assembly Lines & Automobile Industries
Truck Loading/ Unloading in General Engineering Companies

Salient Features & Options:

Maintenance Platforms and Ladder suitable to attend Hoist, CT Drive, Swivel Drive & C. Panel
Slip Ring Assembly for 360 Deg Electrical Swivel

VVVF Drive as default feature for Electrical Swivels
Ergonomic manual swivel arrangement
Low Headroom Hoists for Better Space Utilization
Load Cell and Associated Controls for Foundry Applications
Precision Control Cranes for Maintenance and Job Loading Applications
Cranes designed as per ASME/ DIN Codes
Girders with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control;
Flameproof Cranes; Anti Collision Arrangement; etc.



WALL TRAVELING CRANE

Operating Range & Standards

Capacity Range – Upto 10T*

Radius Range – Upto 15 M*

Available Variants – Single Girder & Double Girder

Class of Duty – Upto Class III (M7)

Design Standard – IS 15419/ 3177/ IS 807



Typical Applications:

For Multiple Work Stations placed next to each other
Heavy Engineering & Heavy Equipment Assembly Lines
Automobile Industries

Salient Features & Options:

Maintenance Cages for LT Drive, Control Panel & DSL Maintenance

Low Headroom Hoists for Better Space Utilization

Precision Control Cranes for Assembly Applications

Multiple Cranes with Individual and Tandem Operations

Cranes designed as per ASME/ DIN Codes

Girders with Splice Joint for transportation in Std HC Containers for export

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control;
Flameproof Cranes; Anti Collision Arrangement; etc.

* Cranes with reported max capacity might not be possible with reported max radius

MANUALLY OPERATED CRANE

Operating Range & Standards

Capacity Range – Upto 30T

Span Range – Upto 30M

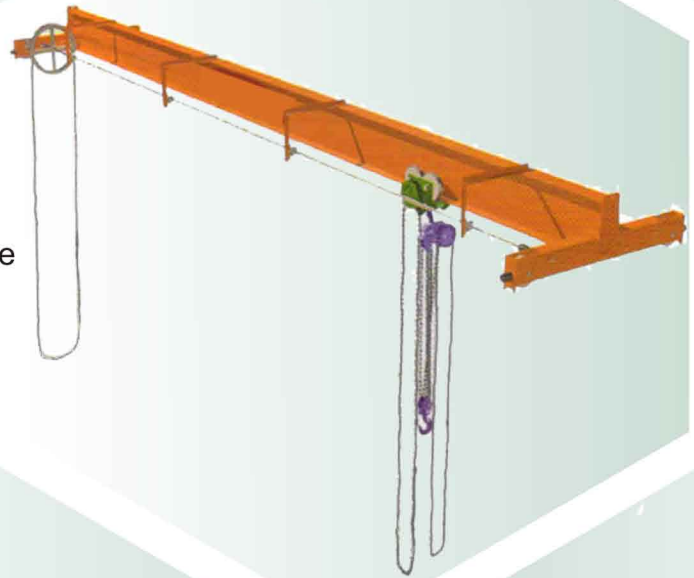
Available Variants – Single Girder & Double Girder

Long Travel Path – Straight OR Circular

Possible Mounting – Over the Rails & Underslung Type

Class of Duty – Upto Class I (M3)

Design Standard – IS 3177/ IS 807



Typical Applications:

Maintenance Applications

Flameproof Applications

Occasional/ Light Duty use in General Engineering Units

Salient Features & Options:

Provision for conversion in EOT at later stages

Cranes designed as per ASME/ DIN Codes

Girders with Splice Joint for transportation in Std HC Containers for export

ARTICULATED JIB CRANE

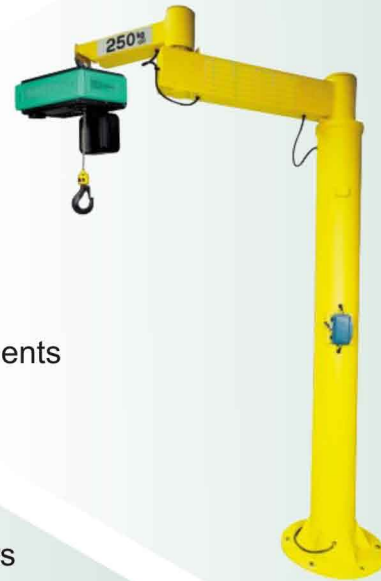
Operating Range & Standards

Capacity Range – Upto 1T

Radius Range – Upto 4 M with both arm extended

Class of Duty – Upto Class II (M5)

Design Standard – IS 3177/ IS 807



Typical Applications:

Assembly Lines with Ultra Low Hook Approach Requirements

Salient Features & Options:

Light Weight & Ergonomic Design

Suitable Arrangement for Mounting Different End Effectors

TRANSFER TROLLEY

Operating Range & Standards

Capacity Range – Upto 100T

Class of Duty – Upto Class IV (M8)

Design Standard – IS 3177/ IS 807

Typical Applications:

Bay Transfers in Heavy Engineering Industries

Automation in Internal Goods Movement

Salient Features & Options:

High Performance Compact Drive Assembly

VVVF Control Cranes for Precise Positioning

Multiple Trolleys with Individual and Tandem Operations

Trolley designed as per ASME/ DIN Codes



VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Trolley; Anti Collision Arrangement; etc.

WINCH

Operating Range & Standards

Capacity Range: Upto 30T

Rope Length Range: Upto 100M in Single Layer;
500M in Multilayer

Available Variants: Bull Gear Type and Planetary Gearbox

Class of Duty: Upto Class IV (M8)

Design Standard: IS 3938/ 3177/ IS 807



Typical Applications:

Lifting Dam Gates

Various Maintenance Applications in Cement Plants, Power Plants, etc

Pulling Application in Ship Yards

Salient Features & Options:

Rope Guides

VVVF Drive for smooth starting / stopping

VVVF Drive Control with easy By-pass Arrangement; Radio Remote Control; PLC Based Control; Flameproof Winch; etc.

CRANE KITS

We offer our standardized crane kits for other smaller crane manufacturers with limited manufacturing facilities of their own.

These kits include the critical components like End Carriages, CT Trailing Cable systems, Control Panels and Hoisting Equipment – almost everything except Main Girder.



LIFTING BEAMS & OTHER ATTACHMENTS

In line with our philosophy to be a Solution Provider, we understand the lifting requirements of our customers and offer them wide range of attachments for efficient handling.



Attachments

C Hooks
H Beams
Lifting Beams
Lifting Permanent Magnets
Crane Scale
Polyster Belts, Chain Slings

Typical Applications

Plate Coil Handling
Jumbo Bags Handling
Long Products Lifting – Plates, Joists, Pipes, etc.
MS Profiles, Solid Blocks
General Engineering
General Engineering

GRAB BUCKET

Operating Range & Standards

Volume Range – Upto 7 Cu Mtr
Available Variants – 4 Rope Grabs; Hydraulic Grabs; Hook-on Grabs
Grabbing DGEOT Cranes or
Hook on Grabs with Monorail Hoists also available

Typical Applications:

Scale Handling in Steel Plants
Slag Handling in Cement Plants
Grit Removal in Sewage Treatment Plants



OUR PATRONS



OUR GROUP COMPANIES



SHREE ABHAY HOISTS & ENGG PVT LTD

S No 343/5, Khamgaon Road,
Shegaon 444203 Dist. Buldhana (MH)

ABHAY KRISHI UDYOG PVT LTD

Shriram Estate Compound, Main Rd
Shegaon 444203 Dist. Buldhana (MH)

Manufacturers of Mild Steel (Gr. 30), Alloy Steel (Gr. 80) & Stainless Steel (Gr. 40) Link Chain upto 40 mm Dia. We have acquired the plant & machinery of Indian Link Chain Manufacturers Ltd, Bhandup; Uniseven Pvt Ltd, Ambernath & Hindustan Parsons Ltd, Nashik to become second largest link chain manufacturers in India with production capacity of more than 200 T / month.

SHREE ABHAY INDUSTRIES

Shriram Estate Compound, Main Road, Shegaon 444203
Dist. Buldhana (Maharashtra)



Turnkey Suppliers of Solar Power Plants under Net Metering Policy; Solar Power Park Developers and suppliers of accessories for Solar Power Plants.



SHIV UDYOG

Shriram Estate Compound, Main Road, Shegaon 444203
Dist. Buldhana (Maharashtra)

Authorized Marketing Associates of INDEF & STIER Brand Products. Awarded "Clinic +" status – the highest category of dealers awarded on the ground of Service Setup. Recipient of Highest Sales Growth Award for FY 2015-16.

SHREE ABHAY CRANES PVT. LTD.

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