PRODUCT RANGE

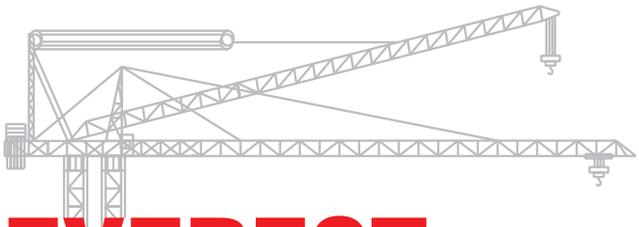










EVEREST
ENGINEERING EQUIPMENT PVT LTD

Construction Equipments

CNC Rebar Processing Machines

Infrastructure Equipments

ABOUT US

An organization that comprises of qualified and experienced engineering professionals with an exposure of over 30 years. Equipped with an immense expertise in our domain we are able to handle many tailor made projects in India. Our dexterous team has enabled us in successfully offering complete range of solution. We are India's only CRISIL rated Service provider for Tower cranes and Passenger hoist.

We strive to provide high quality products, timely service support and spare parts to attain total customer satisfaction. Our aim is to provide advanced technologies, proper training to all customers and employees. Follow highest safety standards and avoid accidents. We emphasis on proper evaluation of its performance quality through customer feedback.

OUR JOURNEY SO FAR

With the establishment of the firm in 2012, we have come a long way. Since our first machine sold in May 2012, we have sold 400+ machineries in India till date. The quality of the machineries that we provide and the strong support the customers can get from our service team is the main reason why even an Ex-tower crane manufacturer bought our tower cranes. M/s. B G Shirke was the largest manufacturer of tower cranes in India for 25 Years who purchased 294 tower cranes from us in 7 years. The level of trust that the Indian market in EEE has resulted with the closing of the TOP 7 out the TOP 10 Tower Crane orders in India. We have started a R&D centre in 2021 to product high-quality construction equipments in India.

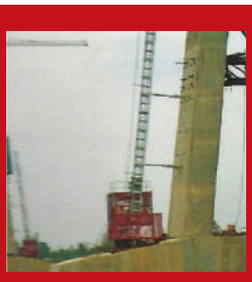
RENTAL DIVISION

EEE also entered the rental business of Passenger Hoists, Mast Climbing Platforms and Anti-Collision Devices in 2017. Since then the company has raised its fleet to 35 units in a very short span. With a strong service team and high-quality machineries from GJJ, EEE gained the momentum with the contractors in India.

OUR PROGRESS RATING

EEE got its first CRISIL Rating in the year of 2014 as SM E-4. From there we went on to achieving the CRISIL rating of MSE-3* with operating performance high in just 5years. EEE is the only CRISIL rated construction equipment service company in India. We also started to fully implement the ISO framework from TUV into our organization to monitor and get desired outputs. The continuous overview of each and every process led us towards becoming a well-organized firm. This also led us to win the BEST MSME INDIA 5000 Award in February 2020.

CONSTRUCTION EQUIPMENTS

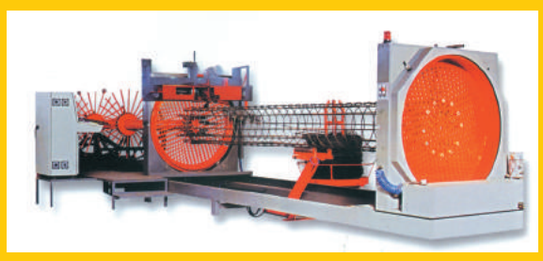





REBAR PROCESSING MACHINES








INFRASTRUCTURE EQUIPMENTS





PASSENGER HOIST


Lean Hoist


Twin Cage Hoist

- Nord/SEW German Mechanism
- SIEMENS VFD
- SIEMENS PLC
- SCHMERSAL Germany Limit Switches
- 25 years proven life
- 46, 63, 96, 120 m/min Speed

Item	Unit	Specification		
Pay-Load	Kg	1200		
Speed Code		TD	GD	GZ
Speed with Full Load	M/Min	36	36	63
VFD - Siemens	KW	NA	30	45
Motor	KW	2X11	2X11	3X11
Std Cage	LxWxH Metres	3.2 X 1.5 X 2.35 *		

Item	Unit	Specification				
Pay-Load	Kg	2000				
Speed Code		GD	GD	GZ	G	GG
Speed with Full Load	M/Min	40	46	63	96	120
VFD - Siemens	KW	37	45	75	110	150
Motor	KW	GJJ 3x11	NORD 2X11	NORD 3X11	NORD 3X18.5	NORD 3X22
Std Cage	LxWxH Metres	3.2 X 1.5 X 2.35 *				

* OTHER SIZES AS PER CUSTOMER REQUIREMENT


Curve Hoist
35
35
35
35
34
34
34
33
33

TOP KIT TYPE				
Capacity	Free Standing height (FSH)	Max Height*	Jib Length	Tip Load
8 – 12 Ton	45 – 60m	220m	40-70m	1.5-6 Ton
16 – 25 Ton	60 – 80m	270m	40 – 80m	3 – 12 Ton
32 – 64 T0n	60 – 90m	230m	50 – 80m	6 – 23 Ton

FLAT TOP TYPE				
Capacity	FreeStanding height (FSH)	Max Height*	Jib Length	Tip Load
6 – 10 Ton	45 – 60m	210m	30-70m	1.3 - 4 Ton
12 – 18 Ton	50-64m	210m	40-75m	2.5 - 9 Ton
20 - 25 Ton	50 – 72m	210m	40-80m	3.5 - 13 Ton
32 – 80 Ton	60 – 80m	280m	40 – 80m	8 – 25 Ton

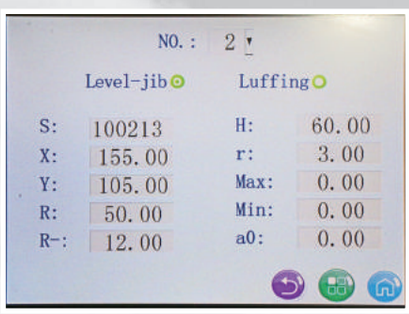
LUFFING JIB TYPE				
Capacity	Free Standing height (FSH)	Max Height*	Jib Length	Tip Load
6 – 12 Ton	40 – 60m	180m	30 – 50m	2.2 – 6.5 Ton
16 – 24 Ton	40 – 60m	210m	30 – 60m	2.8 – 12 Ton
32 – 150 Ton	60 – 80m	180m	40 – 80m	8 – 30 Ton

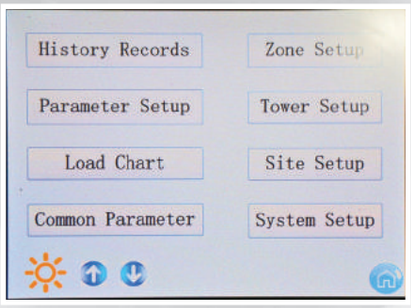
* More heights are possible as per site requirements

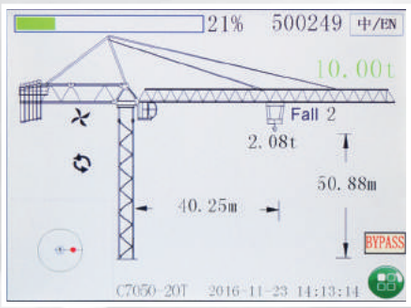
TOWER CRANES

BG Shirke, DDA Site, Delhi

ANTI-COLLISION FOR TOWER CRANES

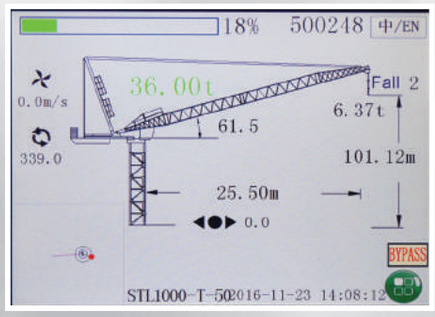




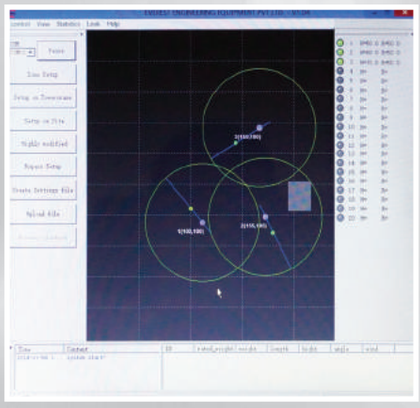


SLI

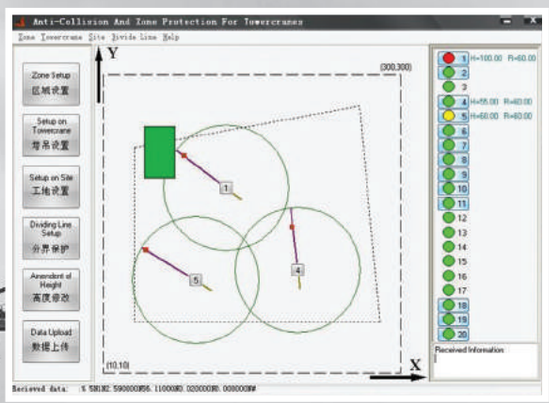
- **With built in SLI**
- **Suitable for any make/model tower cranes**



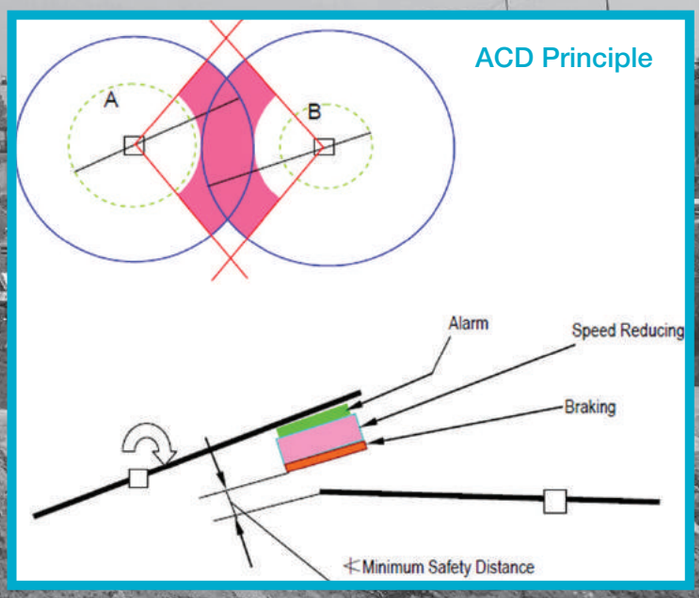
SLI



Ground Monitoring



ACD



STIRRUP BENDER

Product Features:

1) Reduce the Rebar processing time.
2) Number of labourers can be drastically reduced
3) Rebar processing cost is reduced
4) Rebar wastage by using coiled rebars.
5) Labours compliances cost like EPF, PT, ESIC, Labour camp …etc. along with the cost of PPE

Additional Features of Stirrup Benders:

1) Low Vibration and Low failure rate.
2) Very easy to operate, multiple selection of shapes and exact quantity feeding
3) The angle of stirrup forming is flexible from 0~180 degrees.
4) Stirrups can bend Up or down according to the requirement, like square, triangle, round, rectangle, U Type, and more than 140 different shapes widely used in RCC.
5) More than 500 Shapes can be programmed and can select one at a time to produce.
6) Straightening, Traction, Formation and cutting are fully Computer Controlled.
7) Unique design for bending axis, Quick changing and saving time with long service life.
8) High transmission precision gives high accuracy on length by ± 1mm, and bending angle by ± 1 degree.
9) High power saving. Consumption is only 4 ~ 5 Units per hour.
10) Accurate shapes as per drawing.

Model	GGYFB12D	GGYFB14	GGYFB16
Single Rod	5~12	5~14	5~16
Doiuble Rod	5~10	5~10	5~12
Max Bending Angle	± 180	± 180	± 180
Max traction Speed (m/min)	130	130	100
Max Bending Speed (^{0}/sec)	1450	1450	1400
Length Accuracy (mm)	± 1	± 1	± 1
Angle Accuracy	± 1	± 1	± 1
Weight (Kg)	2950	2960	3100
Average Power Consumption	4 kw	4.5 kw	5.5 kw
(LXBXH) in mm	3500X1400X2100	3500X1400X2100	3500X1500X2300

DOUBLE BENDER

It can do double side moving, bending and foming more than 20 angle graph. High production efficiency, the daily output can be 5500 pieces of rebar which is 10 times than traditional hand-made craft. It is used widely in the bridge construction of highway, railways. And also popular in rebar processing centres.

Product Features:

1. The control system adopts high-performance import PLC and HD touch screen, easy to operate and sensitive reaction.
2. Mobile device is controlled by import servo motor, the special position control promote accuracy of resetting.
3. High strength mobile device pathway, long lasting and durable. The bending device can be moved quickly and smoothly.
4. Process several rebar together, improve work efficiency.
5. Kinds of Graphs can be pre-stored in data base, otherwise there is graph system for personal edit.
6. Telescopic bending axis can work well on double side bending, it is beneficial to quick process of complex graphics.
7. High automation for moving and bending, without people operation, Increased safety factor.
8. Easy changing between bending axis when process different rebar.
9. The rolling raw material device can bear a lot and easy in operation.
10. After downloading the graph from computer, it will show the length, location of conveying and the quantity of rebar, easy for conveying the rebar by operator.

Model	YFH - 32		YFH - 32 C	
Bending Capacity	Specification	Bending Angle	Specification	Bending Angle
	Φ 6 - Φ 28	+ 180⁰ - 180⁰	Φ 6 - Φ 28	+ 180⁰ - 180⁰
	Φ 32	+ 180⁰ - 180⁰	Φ 32	+ 180⁰ - 180⁰
Max Speed (m/s)	0.6		0.6	
Bending Speed	60 (⁰/sec)			
Bend Length Precision	+ 1			
Min Length (mm)	90		90	
Installed Power	15		15	
(L X W X H) Size	12X2.15X1.6 (m)			
Total Weight (Kg)	6		6.5	

BENDING CENTRE

CNC rebar bending center is comprised of raw material conveying device, bending device, guide pathway, collection device. The worker takes the raw material from conveying device and puts it into bending device, the bending device will be adjusted for bending Rebar and collect end product into specified place.

Product Features:

1. High automation, reduces labour intensity.
2. Double bending device, fast positioning, enhance productivity.
3. Raw material lift device, quick loading mode.
4. Encoder counting systems, refined bending angle.
5. Refined rack positioning device and bending length.
6. Advanced control system operation.

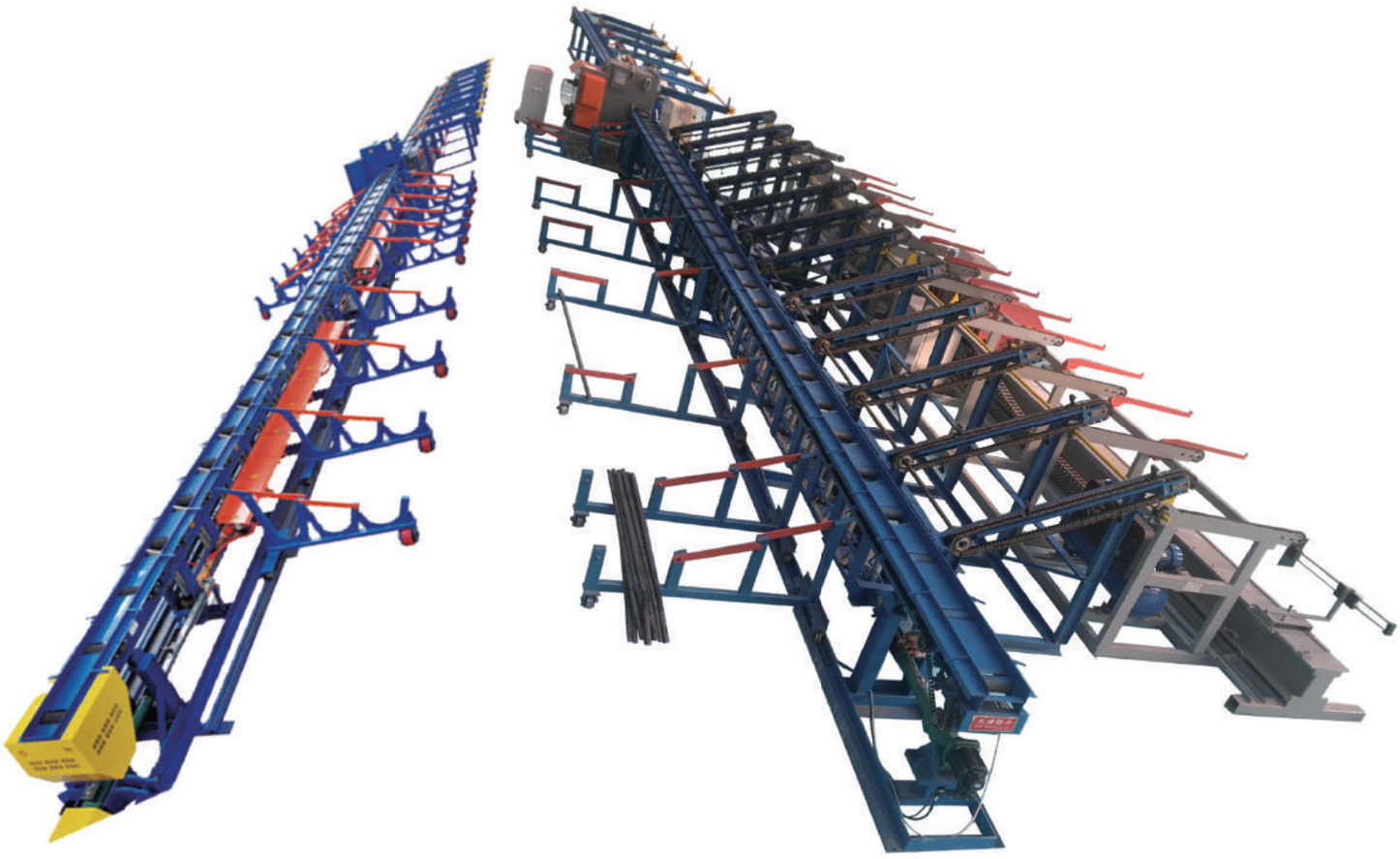
Model	GW - Robot 40	GW - Robot 50
Bending Capacity	1 * Φ 40 / 32 mm	1 * Φ 50 / 40 / 32 mm
	2 * Φ 25 mm	2 * Φ 25 mm
	3 * Φ 20 mm	4 * Φ 20 mm
	4 * Φ 16 mm	5 * Φ 16 mm
	5 * Φ 12 mm	6 * Φ 12 mm
Max. Bending Angle	180^0	180^0
Control	Controlled by Computer	
Drive Technology	electric and Hydraulic System	

SHEAR LINE

Characters:

1. CNC Control, Automatic cut, stock and distribute the bars. Each unit can act separately, also can combine with other units in manual - related line.
2. High cutting capacity and flexibility, meet clients requirements.
3. The whole hydraulic headers can move forward and backward diven by servo-motor.
4. Gradient header with the high capacity for cutter.
5. Multiple baffle for quick positioning and high efficiency.

MODEL	JQ - 120						JQ - 200					
Rated cutting capacity	1,200 (Kn)						2,000 (Kn)					
conveying speed	40 - 80 (m/min)						40 - 80 (m/min)					
cutting speed	20 - 29 (times / min)						14 (times / min)					
Cutting tolerance	± 2 (mm)						± 2 (mm)					
Cutting length	750 - 12,000 (mm)						1500 - 12,000 (mm)					
Blade availability width	200 (mm)						410 (mm)					
Conveyor load capacity	800 (kg)						800 (kg)					
Air operational pressure	0.6 (Mpa)						0.6 (Mpa)					
Collecting pockets nos. (units)	6*2						6*2					
Installed power	8 (KW)						55 (KW)					
Bar diameter	10	12	16	20	25	30-32	10-14	16-20	22-25	28-30	32	40-50
Cutting bars no	10	6	6	4	2	1	20	12	8	4	2	1



LATTICE GIRDER

Technical Date

No.	Items	Unit	Data	Notes
1	Pay-off rack load-bearing	Kg	2000	
2	Quantity of pay-off rack	pcs	5	
3.	Straightening speed	m/min	20	
4.	Power of side bar forming motor	kw	13	Servo motor
5.	Power of welding transformer	KVA	200X4	
6.	Power of Hydraulic station motor	kw	15 KW	
7.	Max Working pressure of hydraulic station	MPa	20	
8.	Max Bar diameter to cut	mm	12	
9.	Power of collecting lifting			converter motor,
	and falling rack motor	kw	3	intermittent work
10	Bending Pitch/node	mm	200	
11	Lattic girder height	mm	70-350	
12	Lattic Girder width	mm	60-110	
13	Top & Bottom wire diameter	mm	5-12	
14	Diagonal wire Ø	mm	4-8	
15	lattic Girder Length	m	2~12	
16	Production speed	m/min	6-20	cold-rolled diagonal wire 10-20 m/Hot-rolled wire 6-8 m
17	Pneumatic pressure	Map	0.6	
18	Gas Consumption	m3/min	0.9	
19	External transformer capacity	KVA	≥315	Buyer Provide
20	External power cable Specification (Copper cable)	mm^2	≥120	Buyer Provide
21.	Ground cable specification (Copper cable)	mm^2	≥150	Buyer Provide
22	Weight	Kg	28000	
23	Diamension	LxWxH	43x5x4.5	
24	total power		67KW=4*200KVA	

WELD MESH PLANT

YFC - PA longitudinal wire feed for wire rod, Latitudinal wire feed for line. It is used for light industrial mesh mass production and use for protective net.

YFC - PB Longitudinal wire feed for wire rod, Latitudinal Wire feed for line. High production, mesh turning function. It is used to project standard mesh mass production.

YFC - ZA is used to process rebar cut or want to straighten. Simple and concise welding line. For small or medium sizes rebar mesh mass production.

YFC - ZB is used to process rebar cut or want to straighten. For small or medium sized rebar mesh mass production. High efficiency. to automatic stock and collect net unit.

TYPE	YFC - ZA / ZB YFC - PA / PB
Width (mm)	1250 / 2050 / 2600 / 2800 / 3300 / 4000
Longitudinal Wire Spacing (mm)	50 / 100 / 150 / 200 / 250 / 300 / 350 / 400
Latitudinal Wire Spacing (mm)	25 - 600
Longitudinal Wire Diameter (mm)	5 - 12 (16)
Latitudinal Wire Diameter (mm)	5 - 12 (16)
Welding capacity (mm)	12 + 12
Working Speed (cws / min)	60 (120)
Rated Power (KVA)	400-2000

LAUNCHERS

We offer segmental, beam & 'U' Girder type launchers. Full Span Construction Method (FSM) was used extensively in the construction of Metro, Bridges, Highspeed Railways

HJ-A Series FSM Launching Gantry is the machine dedicated for the Full-Span Precast Bridge Construction. The spans ranging from 30m to 60m and the spans weight ranging from 600 ton to 2000 ton.

HJ-A Series LG could position and install the complete span of

Precast Bridge in 3 simple steps. Upon completion of bridge installation, it will self-advance to the next span without the help from additional machinery.

The delivery of precast girder is to be carried out by the Multiple-Axle Trolley. The Multiple-Axle Trolleys will deliver the precast girder all the way from the precast yard to the installation front point. Multiple-Axle Trolley is part of the full package.

AFCONS, India

Different types of Launcher


中

STRADDLE CARRIER

Ranging from 50 tons to 2000 tons capacity, Straddle Carrier is very useful machinery for casting yard operation.

The main advantages of Straddle Carrier lies in its manoeuvring flexibility in the casting yard compared to Gantry Crane. Therefore, it is relatively easy for the casting yard to extend in future as part of the contingency plan if contractor is using straddle carrier.

Alternatively, a combination of Straddle Carrier with Gantry Crane can be a good solution for some of the projects.

Straddle Carrier can be used to transport the segments directly to the back of Launching Gantry for balance cantilever construction if the casting yard is near to the bridge.

Straddle Carrier has a very high reuse and re-sell value therefore it is a very good investment. HCR provides resell services upon inquiry from our customer.

TRANSPORTER

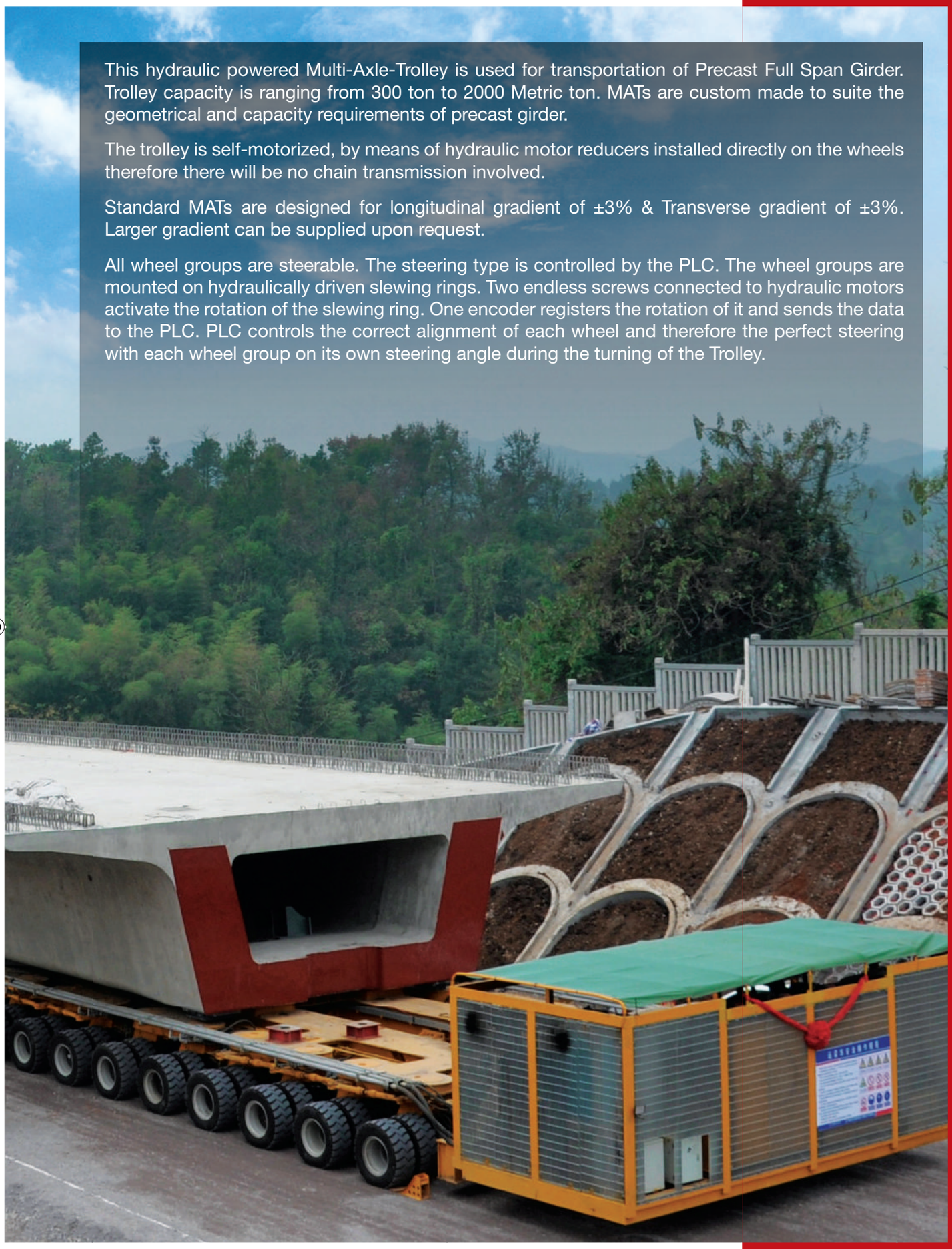
(Multi Axle trolley)

This hydraulic powered Multi-Axle-Trolley is used for transportation of Precast Full Span Girder. Trolley capacity is ranging from 300 ton to 2000 Metric ton. MATs are custom made to suite the geometrical and capacity requirements of precast girder.

The trolley is self-motorized, by means of hydraulic motor reducers installed directly on the wheels therefore there will be no chain transmission involved.

Standard MATs are designed for longitudinal gradient of ±3% & Transverse gradient of ±3%. Larger gradient can be supplied upon request.

All wheel groups are steerable. The steering type is controlled by the PLC. The wheel groups are mounted on hydraulically driven slewing rings. Two endless screws connected to hydraulic motors activate the rotation of the slewing ring. One encoder registers the rotation of it and sends the data to the PLC. PLC controls the correct alignment of each wheel and therefore the perfect steering with each wheel group on its own steering angle during the turning of the Trolley.




中铁三局集团
中铁三局集团

GANTRY CRANES

Gantry Cranes are used to handle the activities in precast yard. Larger capacity Gantry Cranes are used to lift, relocate, load and unload the completed precast product while smaller capacity Gantry Cranes are used to handle the reinforcement production and formwork.

A complete solution involves a combination of larger and smaller capacity Gantry Cranes. Each casting yard has it unique geometrical layout and limitations and the Gantry Cranes provided have to be custom made for each casting yard to maximized the production speed and minimize the handling cost.

SERVICE AND SPARE PARTS

Training

Installation Service

Load test at Factory

CLIENTS

L&T

TATA
TATA PROJECTS LIMITED

SHIRKE

Reliance
Industries Limited

UltraTech
CEMENT
The Engineer's Choice

Raymond

ITC
ITC Limited

KEC
KEC INTERNATIONAL LIMITED

Godrej
PROPERTIES

JMC Projects (India) Ltd.

LEIGHTON

Appaswamy
REAL ESTATES

CAPACIT'E
INFRAPROJECTS PVT. LTD.

Shapoorji Pallonji

Cem

amit buildwell pvt. ltd

MAIA

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LODHA
BUILDING A BETTER LIFE

SJ CONTRACTS PVT LTD

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Excellence Assured

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B.E.Billimoria & Co. Limited
Civil Engineering Construction Contractors

POWER MECH
Growth Unlimited

PAHARPUR

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SOBHA

GOPALAN
ENTERPRISES

SKAF CONSTRUCTION PVT. LTD.
ENGINEERS & CONTRACTORS

PENINSULA LAND
CREATING INTERNATIONAL LANDMARKS

GD

DYNAMIC

HEBEN
CHARTERED RESOURCES PVT. LTD.

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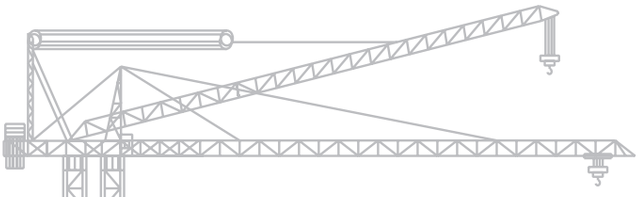
WE BUILD YOUR WORLD

Tower Cranes
Construction Hoist/Platform
Anti Collision System
Launchers / Straddle Carriers
CNC Rebar Processing Machines



EVEREST
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