



Distributors of
World Class
Construction
Equipment

Build Better • Finish Faster

Vertical Logistics
and
Rebar Processing
Machines



Vertical Logistics



Passenger and Material Hoists
Rope Suspended Platforms



Total Safety Solutions



Rack & Pinion Hoists
Mast Climbing Work Platforms
Rope Suspended Platforms

Rebar Processing Machines



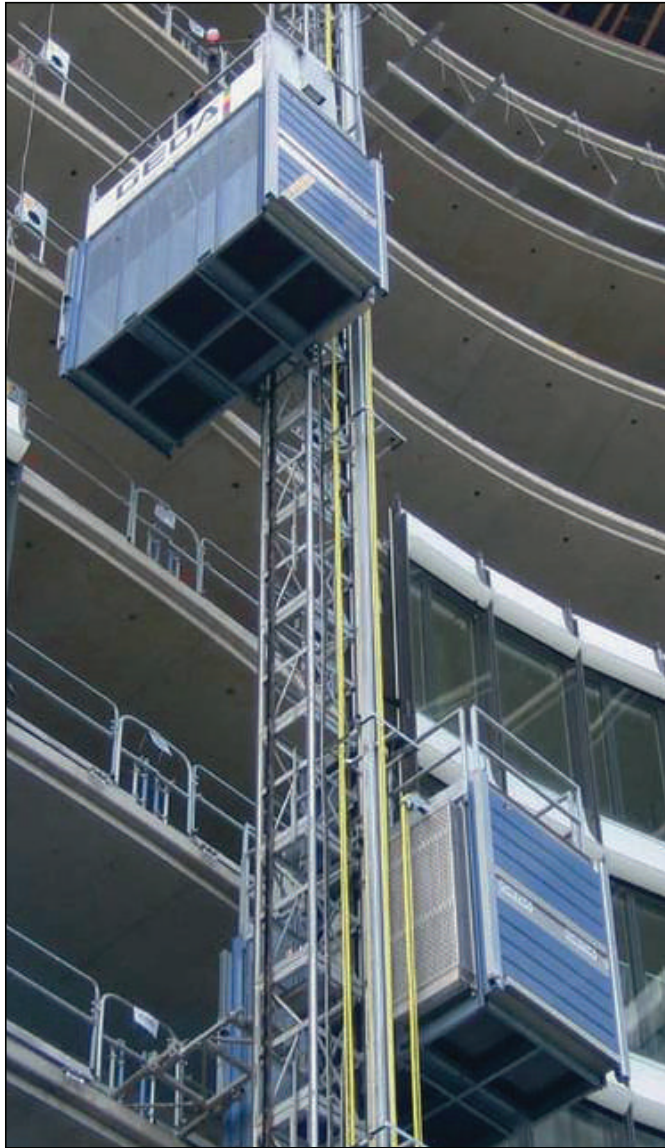
Cutting & Bending Machines



Automatic Machines for Processing Steel Rebars and Coils



Machine Model Line - Up



Twin Cabin Hoist

- Speeds up construction
- Capacity from 25 person / 2,000 kg to 30 persons / 3,200 kg
- Lifting Height: 400 m
- Speed: 0-90 m/min

Single Cabin Hoist

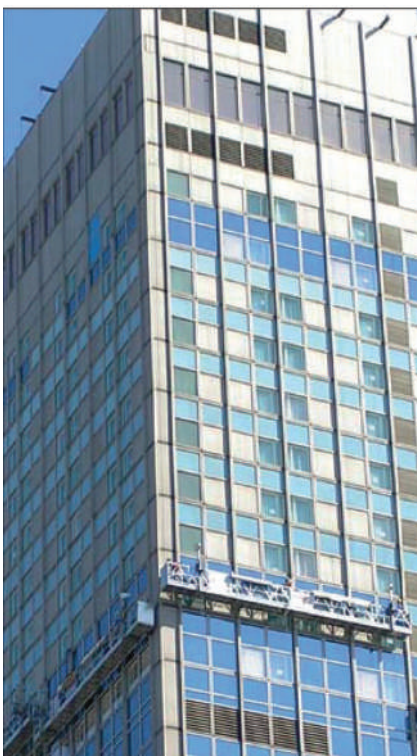


Material Hoist



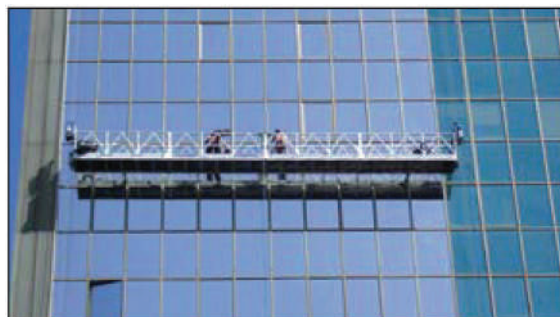
Hoists for Curved & Special Applications

Ideal for power stations



The economical alternative to scaffolding

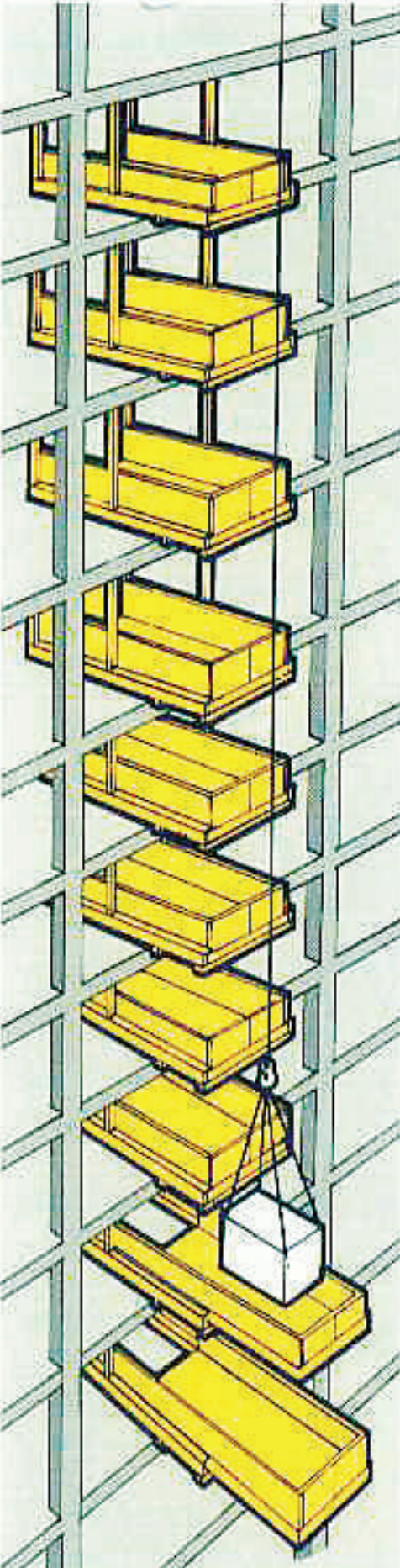
Geda Rope Suspended Work Platforms are ideal for both, renovation and cleaning. Special roof mounted units provide safe and fast access to any facade of the building.



Customised for special applications

Our design engineers, backed by several years of worldwide experience and competence, can tailor-make suspended work platforms to your specific requirements.





Flexideck Cantilever Loading Platform

Loading platforms are used in multi storey structures to lift with crane heavy building material or scaffolding material into the structure. They are steel structures with designated load capacities with quick and easy installation and relocation ability.

TSS Loading Platform Features

- Tested independently to 2 x SWL
- Safe and easy installation with pre-designated lifting lugs tested to 2.5 x SW with Telescopic Props tested to 4 x SWL and hinged end panel doors
- 6mm chequered plate with pedal hinge operated ramp
- One person can retract or extend the platform
- Stackable units for multiple unit transportation and storage

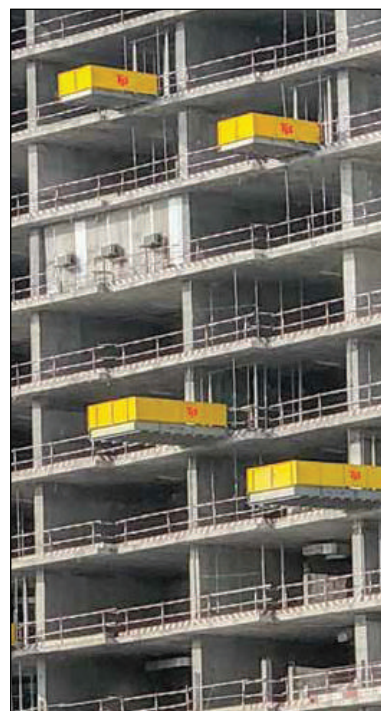


Benefits

- Safe and efficient loading and off-loading of material on site reducing crane time
- Installed vertically inline to increase safety and productivity
- No obstruction to crane rope and load external PM HOIST is free for faster movement for men and material



Assembly, Training & Maintenance Service



Material loading



Independently tested to twice the Safe Working Load





India's tallest 305-meter height installation of a 3-door (C-type) Customized Europa YHX Hoist as on December 2024

Europa YHX offers Rack & Pinion Hoists

Europa YHX Hoists, manufactured in a state-of-the-art 16-acre facility in Dongguan, China, are trusted by clients in over 60 countries for their superior quality and compliance with European standards, including EN-12159 CE certification. Our safety devices also meet CE and GBT codes (GBT34025 and GBT26557).

Reliability Backed by Expertise

Supported by Ispat Infrastructure India Limited's 30+ years of experience and over 4,200 executed projects for rack and pinion technology, Europa YHX ensures efficient after-sales service for smooth and reliable performance.

Technical Highlights

- Mast Options:** Square galvanized 650x650 mm, 450x450 mm, or Flat masts.
 - Cages:** Single or Twin configurations with capacities from 2,000 kg to 3,200 kg or beyond.
 - Height:** Up to 450 meters or beyond.
 - Speed:** 40 to 120 meters/min.
 - Dimensions:** 3 x 1.4 x 2.2 m (450 mast) and 3.2 x 1.5 x 2.2 m (650 mast) large cabin sizes options available on customized request..
 - Features:** 3-door cage design for easy access, quick transitions, and efficient timelines.
- Customized solutions cater to unique requirements such as curved, sloped, or tunnel applications, for both construction and industrial use.

Wide Application

Widely used for high-rise buildings, bridges, chimneys, and restoration projects, Europa YHX Hoists combine cost-efficiency, safety, and advanced technology to meet the demands of modern construction.

Features

- Modular design, easy to make different combinations according to requirement.
- Adopting high quality steel for higher strength and lighter weight.
- Main components are hot dip galvanized to guarantee longer lifetime.
- With frequency control, starting and stopping is very smooth, low starting current, small wear.
- Using high efficiency helical gear box, lower power consumption and operation cost.
- With many different models of cage door available.
- The hoists are offered with various unique features like: Fault finder, digital load display, PLC floor selection system, all in one compact VFD, Helical drive unit, Emergency light, Load display, hour meter, bus bar and etc. as standard package along with the hoist.
- Additional features like cage calling system and biometric can also be opted separately.

In addition, we have options of Construction Hoist, Industrial Hoist, Goods Hoist, Transport Platforms, Air-conditioning Hoist, Fully Galvanized Hoist, Extra-Large Construction Hoist, Reverse Hoist (Top-Down Hoist), Formwork Hoist, Inclined Hoist, Modular Hoist, Rack and Pinion Mast Climbing Work Platforms and other special customized solutions.



Technical Data Sheet

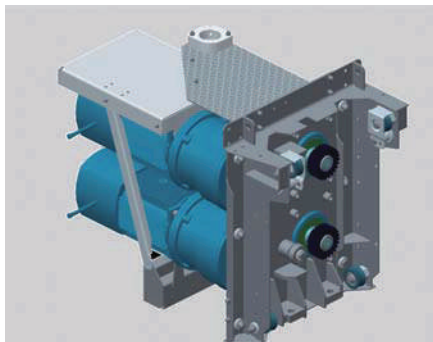
Model	Payload kg	Speed m/min	Motor power kw
SC200-45-FC SC200/200-45-FC	2000	0 - 40	2 x 13
		0 - 50	2 x 16
		0 - 60	2 x 20
SC200-65-FC SC200/200-65-FC	2000	0 - 40	2 x 13
		0 - 50	2 x 16
		0 - 60	2 x 20
SC320-65-FC SC320/320-65-FC	3200	0 - 40	3 x 16
		0 - 50	3 x 20
		0 - 60	3 x 23

Note: Additional details specification upon request.

Factory load tested 30% above at the SWL Payload Capacity as mentioned above.

Remark:

Various options for cabin size, capacity, doors, speed, travel height, mast size, type (single/ twin), can be provided. Other than our standard models we can custom design the hoist specifically as per client's requirement.



Drive Unit



Safety Device

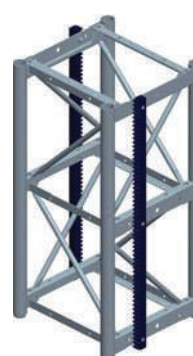
Various Mast Section Options



450x450x1508
YSC450 mast section
Rack modulus m=5



650x650x1508
YSC650A mast section
Rack modulus m=5



650x650x1508
YSC650B mast section
Rack modulus m=8



650x200x1508
YSC650A mast section
Rack modulus m=5



Technical Data For Europa Mast Climbing Work Platforms (MCWP)

	Single MCWP	Twin MCWP	Single MCWP	Twin MCWP
Mast Size	Square 450 X 450 mm		Square 650 X 650 mm	
Lifting Speed	7 mtr/min upto 12 m/min		7 mtr/min upto 12 m/min	
Max. Lifting Height	200mtr		200mtr	
Maximum Free Standing Height	10 Mtrs		20 Mtrs	
Distance between Anchors	6 to 9 Mtrs		10 to 15 Mtrs	
Platform Width	1.3 Mtrs (Extendable upto 900mm)		1.5 Mtrs (Extendable upto 900mm)	
Rack module	5 mm		5 mm	
Load Capacity	Upto 2300 Kgs	Upto 4500 Kgs	Upto 3325 Kgs	Upto 6538 Kgs
Platform Length	4.1 - 10.1 Mtrs	9.6 - 30.6 Mtrs	4.4 - 19.4 Mtrs	11.8 - 41.8 Mtrs

Options in mast size, speed, capacity, increase in travel height etc. can be provided as per client's requirement.



Europa Rope Suspended Platforms (RSP) Highlights/Features

- **Customized Solution**

Europa RSP can be offered with customized solution as per project requirement or design as per the building profile.

- **Material Type**

Europa RSP are offered with

- Aluminum Alloy
- MS Steel Hot Dip Galvanized

- **Counter Weight Options**

Europa RSP are offered with following counter weight options:

- Concrete Counter Weight
- Inner Concrete Outer Steel Counter Weight
- Cast Iron Counter Weight

- **Roof Support Mechanism**

Europa RSP are offered with following counter weight options:

- Standard Roof Beam Assembly
- Davit Arm Support
- Parapet Clamp Support
- Customized Solution

- **Capacity**

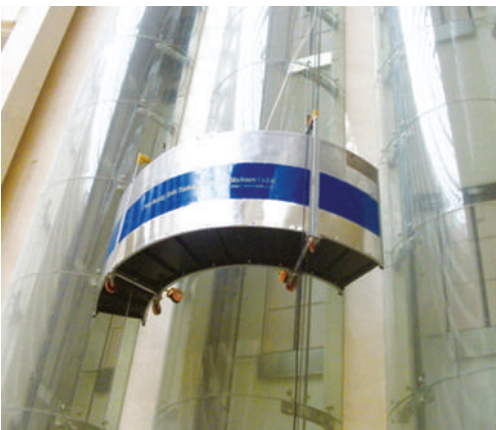
Europa RSP can be offered in various capacity options from 200 Kgs to 1000 Kgs with single and double decker platform.

- **Additional Advantages**

Europa RSP are supplied with following features are standard supply:

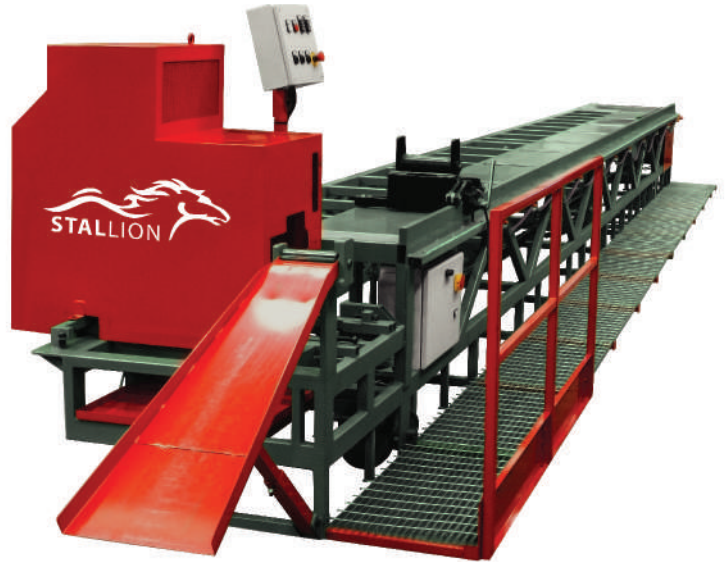
- Roof beam assembly with wheels and jack for better mobility and easy reinstallation.
- Roof Beam assembly Front Overhang is up to 1.7m.

Many more additional features can be provided. based on client's requirement.



Semi Automatic Shear Bench

- SCMB 52 is used to shear rebar from 8mm to 40mm diameter.
- Switching between different diameters. of rebar is fast and easy due to use of motorized transmission.
- Workmen effort to extract bars from storage is reduced by 90%.
- Foot overboard with side railings provide added safety to the operator
- Productivity is high ease in handling rebar.



SCMB 52



Characteristics:

Length: About 12 m (2 pieces)
 Width: About 1 m (2 pieces)
 Height roller level: 0.85 m
 Total weight: 1,600 kg

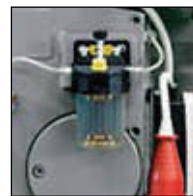
Total weight with shears C55: 2,300 kg
 Translation speed: 1.2 m
 Drawing speed: 1.4 m
 Power consumed by shear: 5 KW

STALLION electric shears are designed to rapidly cut round bars. The internal mechanical parts are designed for durability, and are made of heat treated, high quality steel. Internal lubrication is in continuous oil bath. The machine frame is made of modern design, and specialized gear reduction produces maximum cutting power.

Each equipment comes with high quality safety devices and electrical components.



Manual bench for cutter, bender and stirrup



Extra accessory oil pump



Main cutter switch

MODEL	R.P.M.	MOTOR HP	450 N/mm ²			650 N/mm ²			DIMENSION cm	WEIGHT kg	OIL ltr
			1Ø	2Ø	3Ø	1Ø	2Ø	3Ø			
SC42	90	5	36	26	20	32	20	16	120 x 75 H87	660	3.5
SC52	90	5	44	30	24	40	26	22	120 x 75 H87	690	3.5



STALLION benders are designed for high productivity and long life. It is equipped with planetary gearbox coupled directly with motor decreases the maintenance, wear & tear and increase the life of the gearbox. This gearbox provide the best possible accuracy in its class, to make machine very portable, lightweight and with highest torque with maintenance free electrical Breaking system.

The machine comes with a full range of pins and bushes with optional electrical panel programmable for carrying out five bends simultaneously to ensure safety and speed.



Standard equipment and accessories

MODEL	R.P.M.	MOTOR HP	450 N/mm ²			650 N/mm ²			DIMENSION cm	WEIGHT kg	OIL ltr
			1Ø	2Ø	3Ø	1Ø	2Ø	3Ø			
SB42	09	5	36	20	16	32	16	12	95 x 75 H102	500	2.5
SB52	08	5	40	25	16	40	20	16	95 x 75 H102	550	2.5

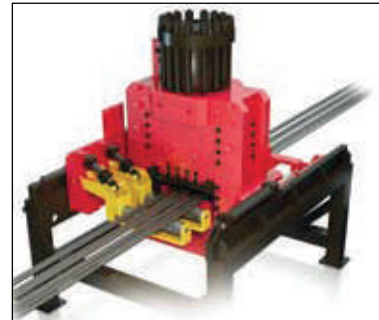


STALLION arch benders can produce rings and spirals with steel rods from 6mm diameter to 34mm diameter, with adjustable radius from a minimum of 15cm and unlimited maximum. The rollers are made of heat-treated alloy steel. Can work either in vertical or horizontal position. Two speeds available: 8 and 16 rpm
 Power HP 3/5 Kw 2, 6/3, 2
 Weight: 350 kg
 Dimensions: 95mm x 80mm x 96mm (h)



LTM 500-300-60 Heavy duty cutters

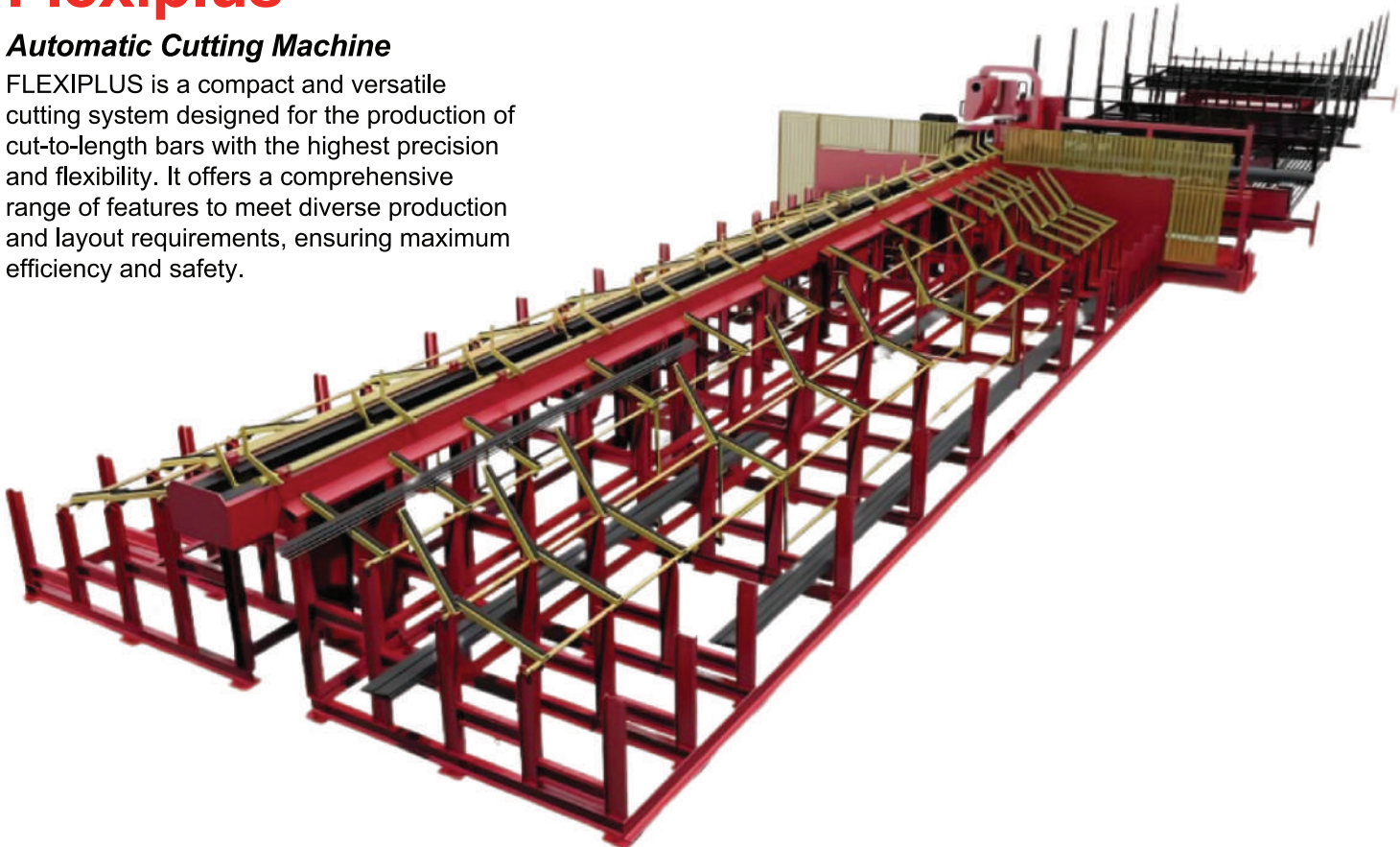
The LTM Series is equipped with high capacity hydraulic guillotine shears. It is designed for heavy duty, mass production work of automatic feeding and cutting of for steel / TMT bars to the required length with high precision. Its modular design enhances its installation flexibility. The control panel allows the machine operations to be programmed right from feeding the bars to selection of cutting cycle of up to 6 different sizes of each bar, to selection of conveyors for collection, tagging and automatic tying (optional).



Flexiplus

Automatic Cutting Machine

FLEXIPLUS is a compact and versatile cutting system designed for the production of cut-to-length bars with the highest precision and flexibility. It offers a comprehensive range of features to meet diverse production and layout requirements, ensuring maximum efficiency and safety.





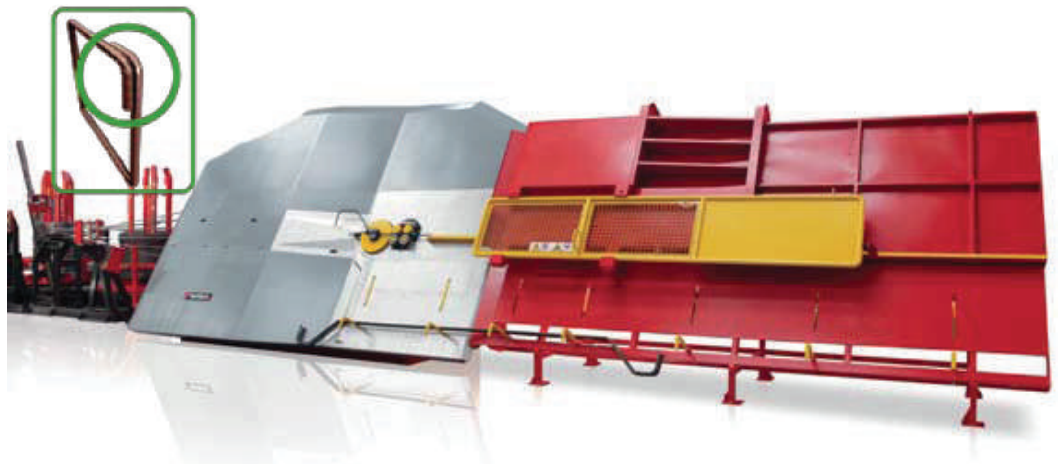
Shaping Center CS 440

Automatic Shaping Centers CS in different versions bend the bars on both ends either clockwise and counterclockwise. Perfectly Integrated with the layout of the shear lines. (OPTIONAL)

Mini Syntax

From coil to stirrup

This is an electronically controlled automatic plant for production of small and large sized stirrups, straightened cut-to-length bars, and bars shaped at one or both ends.



F13

Stirrup bending machine

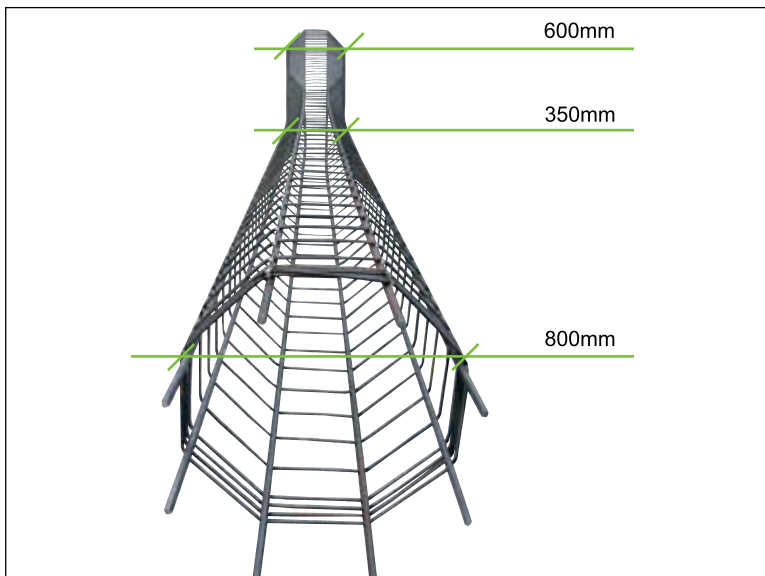
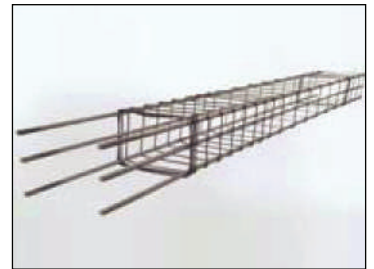
The F13 automatic off-coil stirrup bending machine delivers unmatched versatility and precision. It efficiently produces stirrups, cut-to-length bars, shaped bars with multiple bends, circles, arches, and spirals, ensuring flawless results with its patented anti-twist and straightening system. The optional 3D Press further enhances its capabilities, enabling the creation of traditional 3D shapes, making it a comprehensive solution for diverse bending needs.

Gam HS and Gam HS Conic Cylindrical or polygonal cage making machine



Cage making machines in the GAM HS Series are designed for automatic production of pile and square cages of required shapes and sizes. It is produced by winding a continuous offcoil spiral around the longitudinal rebars by means of a travelling welding robot station. The plant offers infinite design possibilities. Short set-up time and high productivity with just one operator reduces the cost drastically.

The quality of cages produced is unparalleled, and offers the engineers infinite possibilities to fine tune the design to individual requirement.



The Gam HS Conic cage assembling machines are particularly designed for production of conic cages, as well as cylindrical and polygonal of various shapes and sizes.

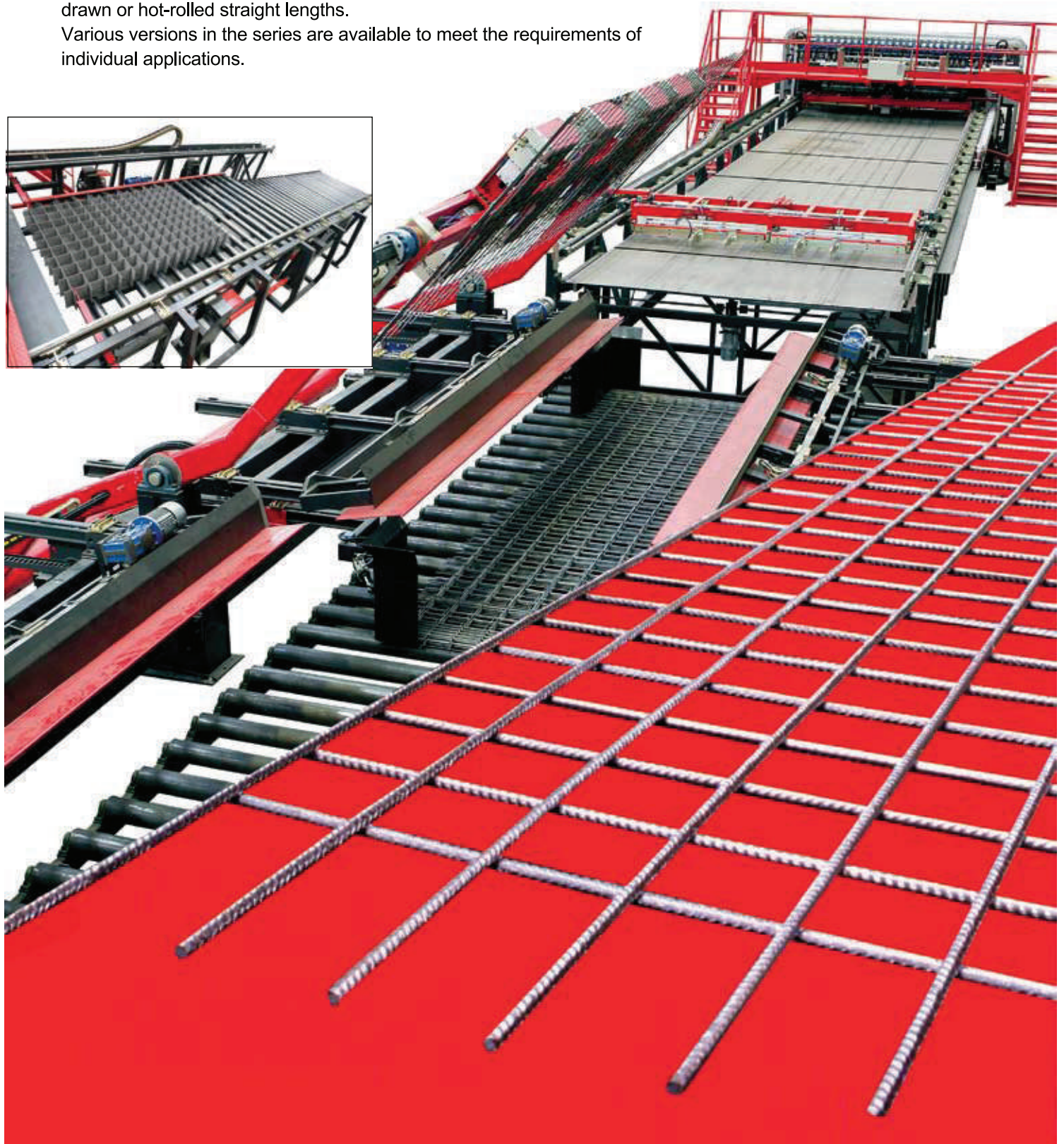
MRSA • MRSA M-S • MRSA SX

Mesh welding plants from pre-cut lengths

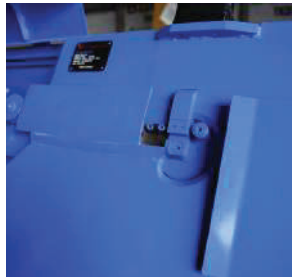
The MRSA Series is designed to meet a wide range of production requirements with fixed or variable pitch mesh and varying wire diameters.


It is suitable for production of electro-welded mesh starting from cold drawn or hot-rolled straight lengths.

Various versions in the series are available to meet the requirements of individual applications.



Model: TKD-6-12-HMB



Specification	Model	TKD-6-12-HMB
Fabrication	Raw material	Plain and ribbed wire/rebar
	Wire dia. (mm)	Ø6 - Ø8 - Ø10 - Ø12
	Bending angle	Up to 170°
	Min. bending dimension	65mm
	Max. bending dimension	630mm
	No. of stirrups per min. (150x150mm)	11pcs.
	Bending shapes (18)	
Power		3-phase
Machine frame	Size (LxWxH)	3,600x650x1,800mm
	Weight	1,000kg
Control box	HMI screen	7 inches
	Size (LxWxH)	600x550x1,250mm
	Weight	50kg
Hydraulic	Electric motor	5.5kW
	Hydraulic pump	16.7L/min.
	Oil tank	160L
	Hydraulic motor for pulling	315cc
	Hydraulic motor for bending	315cc
Suggested operation pressure		110bar



WHY UPGRADE?



Suitable for **6mm to 12mm** diameter rebar stirrup production



Produces Stirrups **7000 - 8000** per day



One-operator-working Minimizes manpower



Compact Size, easy to install on-site



User-friendly control panel with Pre-fed shapes



Near-zero wastage

Some Of Our Site Images





Bengaluru



Surat, Gujarat



Dolvi, Maharashtra



Mumbai



Kota, Rajasthan



India's largest importers of construction equipment



ABOUT ISPAT INFRASTRUCTURE

For over three decades, Ispat Infrastructure has proudly established itself as the sole distributor and service provider for Vertical Logistics and Rebar Processing solutions across India. Through strategic partnerships with globally renowned world-class companies such as GEDA, MEP, Yu Hua Xing, TKD Japan, and TSS, we have made a substantial contribution to the rapid development of the Indian construction industry.

Our diverse portfolio encompasses an extensive range of cutting-edge construction equipment, including Passenger-cum-Material Hoists, Retractable Loading Platforms, Rope-Suspended Platforms, Rack-and-Pinion Hoists, Mast Climber Working Platforms, Bar Bending and Cutting Machines, Stirrup-Making Machines, Wire Straightening Machines, and more.

As the construction industry evolves from labor-intensive methods to advanced vertical logistics solutions, mechanization, and automation in rebar processing, Ispat Infrastructure remains at the forefront of innovation. We continuously adapt to global trends and align with India's growing infrastructure demands by introducing state-of-the-art equipment that transforms construction processes.

At Ispat Infrastructure, your investment goes beyond equipment – it is a commitment to efficiency, reliability, and the future of construction. So, let's **BUILD BETTER, FINISH FASTER!**



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