



HEBEI YIDA UNITED MACHINERY CO LTD

Address: No. 6 Dongning Road, East Park, Shijiazhuang Economic and Technological Development Zone, Gaocheng District, Shijiazhuang City, Hebei Province, China
Telephone: 0086-311-8309 5058
Email: hbyida@rebar-splicing.com
Website: www.hebeiyida.com

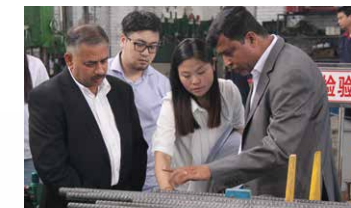


Company Profile

TECHNOLOGY CHANGES THE FUTURE
INNOVATION CONNECTS THE WORLD

Hebei Yida United Machinery Co., Ltd. (formerly known as Hebei Yida Reinforcing Bar Connecting Technology Co., Ltd.) (hereinafter referred to as the "Company") was founded in 2006 and completed its share reform in 2024. The group enterprise integrates product design, research and development, manufacturing, sales, and services, specializing in the production of rebar mechanical connection series products and supporting equipment. It has now become a leading enterprise in the domestic rebar connection industry. The company's production base currently has over 200 employees and features specialized production facilities, including product workshops, machining workshops, digital workshops, and measurement & testing laboratory. Among these, the product workshop and digital workshop are equipped with the most advanced manufacturing equipment in the industry, including six fully automated coupler

production lines, high-precision automatic cutting equipment, automated chamfering equipment, automatic threading tapping machines, automatic double-head drilling machines, and automatic tapping equipment for anchoring plates. These facilities can fulfill a production task of 1.2 to 1.5 million rebar couplers per month. The machining workshop is equipped with high-precision CNC lathes, milling machines, CNC machining centers, vacuum furnaces, and heat treatment equipment, capable of processing and assembling precision components in the industry. The testing laboratory is equipped with universal testing machines, Brinell and Rockwell hardness testers, Optoelectronic testing instruments, and specialized testing equipment, along with professional testing personnel, ensuring that all inspection, testing, and experimental requirements during the R&D and production processes are fully met.



HEBEI YIDA UNITED
MACHINERY CO., LTD.



Development History



6 Major Advantages



Certification and Honor

Company Strength

The headquarters of Hebei Yida covers an area of 30,000 square meters and equipped with advanced product workshops, machining workshops, digital workshops, as well as measurement & testing laboratory. With six fully automated production lines, we can produce over 1,000,000 rebar couplers per month, and more than 10,000,000 annually.



Hebei Province Specialized and Innovative Demonstration Enterprise



Hebei Province Technology-Based Small and Medium-Sized Enterprise



Hebei Province Innovative Small and Medium-Sized Enterprise



Shijiazhuang Rebar Connection and Anchorage Technology Innovation Center



Shijiazhuang Rebar Connection Technology Industrial Design Center



Membership Certificate of China Mechanical Engineering Industry Association



CABR Excellent Enterprise Certified In Rebar Connection Category



Hebei Province Science and Technology Award



Hebei Province Science and Technology Achievement Certificate

OUR PRODUCTS



BGZL-40B3 Rib-peeling Thread Rolling Machine

Usage

The BGZL-40B3 thread rolling machine developed by our company, designed for processing threads on rebar ends. It is mainly used for processing and rolling parallel thread bars of ribbed rebars and is a key equipment for realizing parallel thread connection of rebars. It can process rebar diameters from 16mm to 40 mm.

Features

- The BGZL-40B3 rebar parallel thread rolling machine can complete rib peeling and thread rolling in a single clamping.The processed thread profile is plump and high dimensional accuracy.
- One machine head can process both positive and negative threads by adjusting.
- The key feature of this machine is the ease of head adjustment,the processing of rebar thread bars with the same pitch but different specifications can be achieved by simply adjusting the worm.



BGZL—40B3
Rib Peeling Cutting Blade



BGZL—40B3
Thread Rolling Roller

BGZL—40B3 Main Technical Parameters				
Rolling Roller Model	E	F	G	H
Rolling Roller Pitch	2.0	2.5	3.0	3.0
Rebar Processing Range	16mm	18、20、22、25(mm)	28、32(mm)	36、40(mm)
The Power of Main Electric Motor	7.5kW			
The Work Voltage	380V 50Hz 3Phase			
The Output Rotate Speed of Reducer	62 r/min			
Thread Processing Length	right direction thread 80mm, left direction thread 80mm			
The Whole Machine Weight	450kg			
Dimension(L×W×H)	1150mm×700mm×1100mm			

Dodecagon Shape High-Strength Rebar Coupler

Usage

The Dodecagon Shape High-Strength Rebar Coupler is a patented product of Hebei Yida United Machinery Co., Ltd., produced exclusively by the company.

Features

- The main feature is that the cross-section of the coupler is a regular polygon, which increases the bond strength between the rebar joint and the concrete. This design also facilitates the clamping of installation tools on-site, improving the connection quality and speed of rebar joints.



Dimension of Hebei Yida dodecagon shape high-strength rebar coupler

Size(mm)	OD(mm)	Length(mm)	Weight(kg)
16	23.7	41	0.09
18	26.7	47	0.13
20	29.7	51	0.17
22	32.1	55	0.21
25	35.6	63	0.28
28	40.5	70	0.41
32	45.5	80	0.57
36	52.4	90	0.88
40	57.3	100	1.14

ZTS-40C Taper Thread Cutting Machine

Usage

The ZTS-40C taper thread cutting machine is a rebar end-threading machine designed and manufactured by our company. It is specialized equipment primarily used for processing taper threads on the ends of ribbed rebar and is essential for achieving taper-thread rebar connections. It is suitable for rebar with diameters from 16mm to 40mm.

Features

- It features a reasonable structure, lightweight and flexible design, simple operation, and high production efficiency. The taper thread threading is formed in one step.
- The key feature of this machine is the convenient adjustment of the machine head; by simply repalacing the chaser with different pitches, it can process rebar thread of different specifications.



ZTS-40C
Chaser



ZTS-40C
Chaser Holder



ZTS-40C
Control Key Holder

ZTS-40C Main Technical Parameters	
Rebar Processing Range	16mm-40mm
The Power of Main Electric Motor	5.5kW
The Work Voltage	380V 3Phase 50Hz
Rolling Head Speed	41r/min
The Whole Machine Weight	435kg
Dimension(L×W×H)	1150mm×700mm×1100mm

Taper Thread Coupler

Usage

The taper thread coupler is a threaded coupler with an internal taper thread that can be connected to the taper thread of rebar. It offers advantages such as easy joint connection, easy alignment, good self-locking properties, and fast connection speed. The joint can be tightened with a wrench by 4-5 turns to meet the torque requirements. Its installation efficiency is 2-3 times higher than that of parallel-thread coupler.

Features

- Our company's taper thread rebar connection coupler are processed using CNC lathes. The single-side angle is 6°, the coupler has high precision, stable dimensions, and high tensile strength, meeting the requirements of B500B, ASTM G60, and G75 rebars.



Dimension of Hebei Yida taper thread coupler

Size(mm)	OD(mm)	L(mm)	Weight/pc (kg)	Taper degree
16	25	50	0.19	6°
18	28	62	0.21	
20	30	72	0.29	
22	32	80	0.37	
25	35	85	0.43	
28	39	92	0.5	
32	44	96	0.72	
36	48	101	0.82	
40	52	127	1.50	

BDC-Auto H1 Rebar End Upset Forging Machine

Usage

The upset forging machine uses the principle of extrusion to plastically deform the ends of rebar, increasing its cross-sectional area. It is suitable for HRB400, HRB500 rebar conforming to GB 1499.2 standards, Grade 60, Grade 75 rebar according to ASTM A615 standards, and B500B rebar in accordance with BS 4449 standards.

Features

- To enhance the tensile strength of the rebar base material without damaging its mechanical properties, this machine adopts a room temprature extrusion deformation process.
- In terms of machine structure, the design is compact and occupies minimal space. It uses a high-flow plunger pump to supply oil to the working cylinder, significantly improving work efficiency. The design also strengthens the rigidity of the working cylinder, die cavity, mold, and guide pillars to ensure the machine's long-term stable operation.
- A shock-resistant electric contact pressure gauge is used to control the upsetting working pressure and automate the upsetting process, making the process more convenient and reliable. The clamping jaws and die cavity are integrated, reducing the machine's overall size and eliminating additional clamping mechanisms, effectively ensuring the coaxiality of the upset portion and the base material, which improves process quality and stability.



BDC-Auto H1 Female Mould BDC-Auto H1 Male Mould

BDC-Auto H1 Main Technical Parameters	
Rebar Processing Range	16mm-40mm
Main Motor Power	7.5kW
Power Supply	380V 3Phase 50Hz
Rated Pressure	31.5MPa
Piston Stroke	120mm
Machine Weight	1130kg
Dimensions(L×W×H)	1300mm×1000mm×1400mm

Upset Forging Coupler

Usage

The upset forging coupler is a parallel thread coupler that can be threaded onto the upsetting section at the end of the rebar. The upset forging machine cold pressing technology is used to enlarge the diameter of the rebar connecting part, and the purpose of connecting the rebars is achieved through the mechanical thread bite force.

Features

- It has the characteristics of high strength, fast connection speed, wide application range, strong adaptability and stable performance.



Dimension of Hebei Yida upset forging coupler

Size(mm)	Thread	OD(mm)	L(mm)	Pitch	Weight(kg)
16	M20	26	40	2.5	0.09
18	M22	29	44	2.5	0.114
20	M24	32	48	3	0.16
22	M27	36	52	3	0.207
25	M30	40	60	3.5	0.32
28	M33	44	66	3.5	0.398
32	M36	50	72	4	0.62
36	M39	56	80	4	0.875
40	M45	62	90	4	1.138

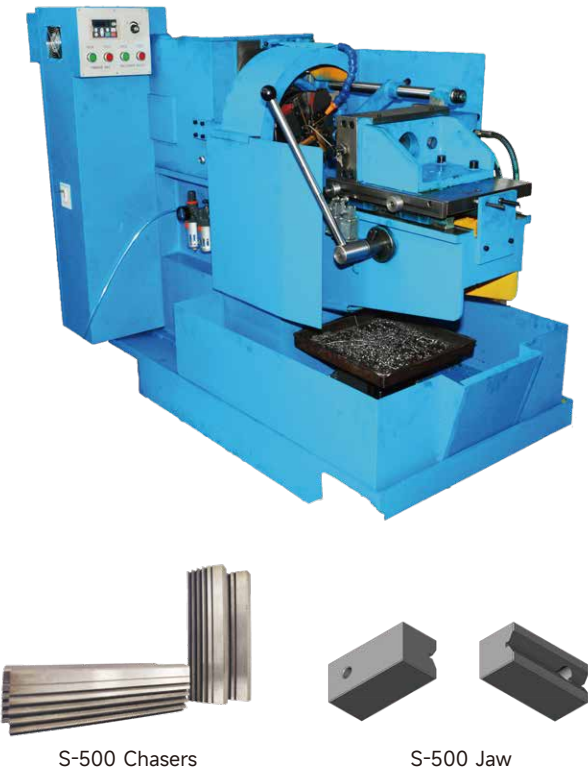
S-500 Automatic Rebar Parallel Thread Cutting Machine

Usage

The S-500 Automatic Rebar Parallel Thread Cutting Machine features a variable speed spindle. The opening and closing of the Chaser, as well as the clamping and releasing of the workpiece, are operated via a pneumatic-hydraulic linkage, making it a semi-automatic threading machine. The machine is equipped with two limit switches and two adjustable stops, allowing for precise adjustment of the distance between the stop and the limit switch, ensuring the production of threaded lengths that meet technical requirements.

Features

- The spindle utilizes variable frequency stepless speed regulation, enabling the selection of the optimal cutting speed to achieve satisfactory quality.
- To reduce the resistance during automatic threading, the carriage uses high-precision linear guides.
- The machine uses a chaser that can be repeatedly sharpened, extending chaser life and reducing consumable costs.



S-500 Main Technical Parameters	
Rebar Processing Range	16mm-40mm
Main Motor Power	4kW (Frequency Conversion)
Power Supply	380V 3Phase 50Hz
Oil Pump Motor Power	2.2kW
Rated Pressure	6.3MPa
Air Supply	Compressed Air
Air Pressure	0.3-0.6MPa
Carriage Stroke	200mm
Spindle Speed	0-230r/min
Machine Weight	1000kg
Dimensions(L×W×H)	1700mm×1100mm×1300mm

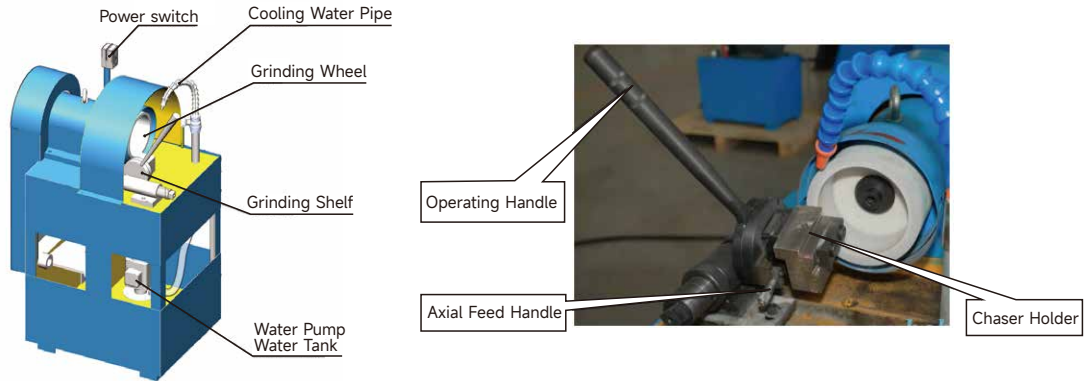
MDJ-1 Chaser Re-grinding Machine

Usage

This equipment is primarily used for the sharpening of chasers for the S-500 threading machine. Its unique design improves the grinding efficiency, makes operation and maintenance convenient, ensures stable structure, and extends service life.

Features

- Easy Operation: After adjusting the chaser fixture to the appropriate angle, the chaser can be quickly mounted for sharpening.
- The use of circulating water eliminates dust and heat generated during the grinding process, preventing the chaser grinding temperature from rising and reducing the chaser life, while eliminating dust to protect health.
- The grinding precision is ensured by the grinding fine-tuner.



MDJ-1 Main Technical Parameters	
Main Motor Power	2.2kW
Power Supply	380V 3Phase 50Hz
Spindle Speed	2800r/min
Machine Weight	200kg
Dimensions (L×W×H)	600mm×420mm×960mm

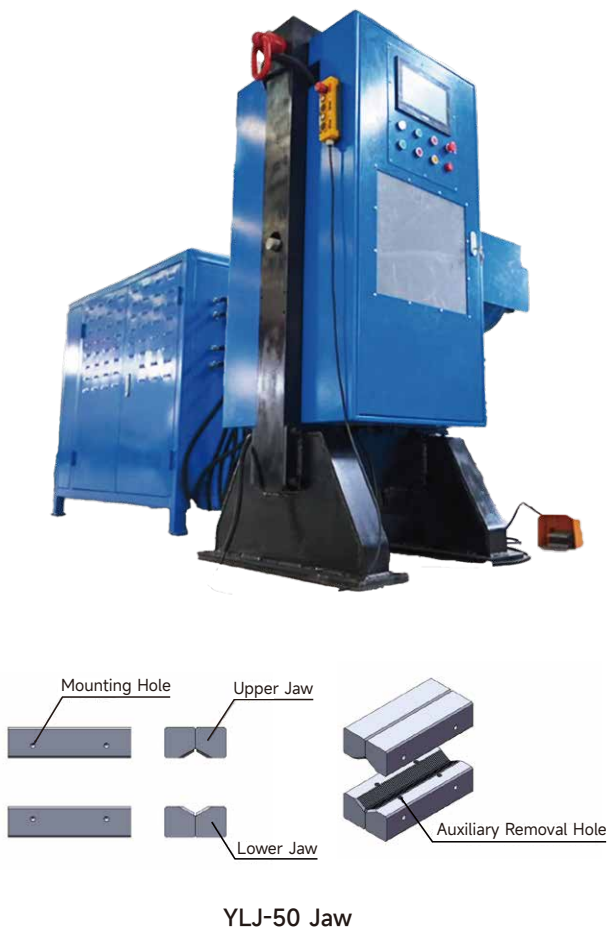
YLJ-50 Steel Bar Prestressed Tensile Machine

Usage

This machine uses static force to load the thread bar of rebars and maintain it for a period of time to perform load testing on the thread bars and eliminate the residual stress of the thread bars. It is the first choice to achieve strict quality control of rebar thread bars. This machine is suitable for rebars with a nominal diameter of 16mm-50mm.

Features

- The main body of this machine adopts an integrated frame, and the structure is stable and reliable;
- Separate hydraulic station, easy maintenance;
- PLC with touch screen control method, visual operation, mature and stable;
- The rebars are clamped using upper and lower cylinders for top clamping. The clamp adopts a V-shaped structure and is compatible with a variety of specifications. The structure is stable and the changeover time is short;
- Tensile force is collected through high-precision sensors, which can achieve precise control of prestress.



YLJ-50 Main Technical Parameters			
Host Dimensions	1300mm×900mm×1700mm	Capacity	160L
Hydraulic Control Cabinet Size	1100mm×560mm×1000mm	Clamping Cylinder Stroke	50mm
Host Weight	1700kg	Clamping Cylinder Nominal Pressure	31.5MPa
Hydraulic Control Cabinet Weight	320kg	Clamping Cylinder Max. Working Pressure	28MPa
Rebar Processing Range	16mm-50mm	Pre-tension Cylinder Stroke	30mm
High-pressure Hydraulic Pump Motor	2.2kW	Nominal Pressure of Clamping Cylinder	31.5MPa
Low-pressure Hydraulic Pump Motor	3.7kW	Max. Working Pressure of Pre-tension Cylinder	25MPa
Environment Temperature	-5°C-50°C	Installation Location	Interior
Control Program	PLC with touch screen	Input Power	380V 3Phase 50Hz

Split-lock Rebar Connection System

Usage

Split-lock coupler is a mechanical reinforcement connection system. The system is divided into two parts: split sleeve and YD-JYJ-40 split-lock clamping machine. It is suitable for the modular connection of rebars, and the construction is simple and convenient, and can be applied to the scene where the upper and lower steel bars are against each other or there is a gap. The joint is still connected by mechanical thread, so the demand for extrusion force is small. Compared with other products, the taper sleeve locking system has greater tolerance for the position of horizontal reinforcement.

Features

- The extrusion force can be adjusted in real time.
- Realize remote control.
- Automatically return after reaching pressure.
- The maximum weight of the clamp is 19kg.
- The quality of joint connection can be checked visually.
- Extrusion is intelligently controlled by pressure.
- After the installation is completed, it will be inspected by the caliper gauge.
- The pressure gauge with point can adapt to the full range of sleeve specifications.



Dimension of Hebei Yida split-lock coupler

Size(mm)	OD(mm)	Length of locking piece(mm)	Weight(kg)
16	31	48	0.16
18	35	54	0.24
20	38	58	0.31
22	43	62	0.41
25	50	70	0.72
28	54	80	0.92
32	60	90	1.30
36	68	100	1.97
40	74	110	2.54

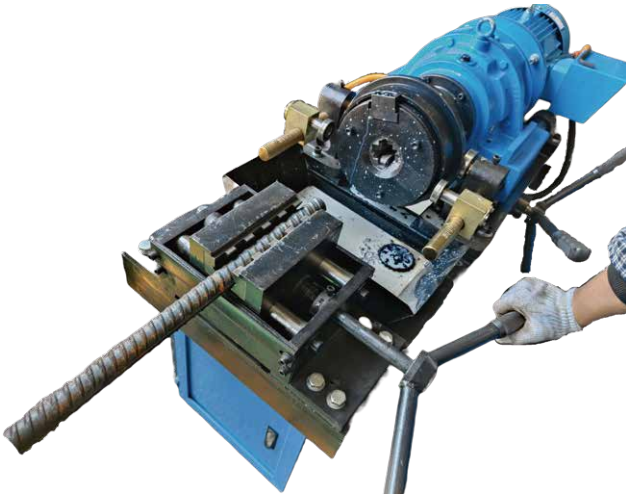
BTS-3 Parallel Thread Cutting Machine

Usage

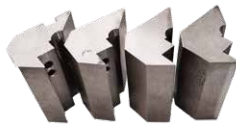
The BTS-3 Parallel Thread Cutting Machine is a specially designed machine for processing ribbed rebar ends to form thickened parallel threaded heads. It is a key piece of equipment for achieving rebar parallel thread connections. This machine is suitable for processing rebar with diameters ranging from 16mm to 40mm to form thickened parallel threaded heads.

Features

- The structure is reasonable, lightweight, and flexible, offering simple operation and high production efficiency with one-step forming of parallel threads.
- The machine head is easy to adjust, allowing different rebar thread specifications to be processed by simply replacing the chasers with different pitches.
- It's widely applicable for processing rebar parallel threads in reinforced concrete projects, adapted to various complex on-site construction environments.



BTS-3 Chaser



BTS-3 Chaser holder



BTS-3 Control Key Holder

BTS-3 Main Technical Parameters

Rebar Diameter Processing Range	16mm-40mm
Main Motor Power	5.5kW
Power Supply	380V 3Phase 50Hz
Head Rotation Speed	41r/min
Machine Weight	435kg
Dimensions(L×W×H)	1150mm×700mm×1100mm

SJZX-40 Rebar Cold Swaging Machine

Usage

The SJZX-40 rebar cold swaging machine is a specialized equipment designed for processing rebar ends.

Features

- It uses hydraulic-driven mechanical methods to shape the rebar ends, reducing manual adjustments and improving processing efficiency.
- The consistency of thread dimensions is excellent, which enhances the efficiency of construction connections.
- It reduces manual adjustments of the thread rolling dimensions, improving the connection quality at the construction site.



SZGS-40 Rebar Thread Rolling Machine

Usage

The SZGS-40 rebar thread rolling machine is a processing equipment designed for fast and direct rolling of threads at the rebar ends.

Features

- The process utilizes hydraulic tools for extrusion forming, offering high efficiency, precision, dimensional stability, and high tensile strength.
- The rolled rebar threads feature continuous, dense metal fibers, and the surface roughness is superior to that of cutting processes.
- The overall mechanical properties are enhanced.



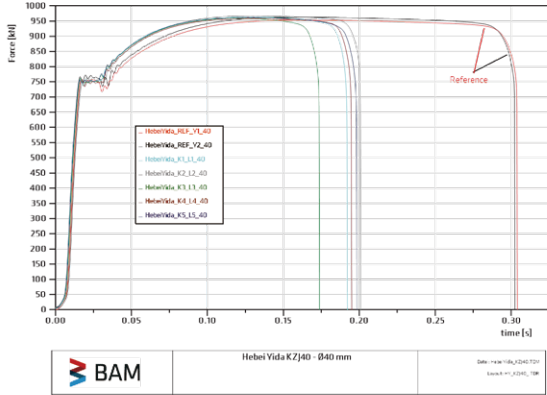
KZJ Aircraft-Impact Resistant Connection System

Usage

Hebei Yida KZJ Aircraft-Impact Resistant Connection System is a mechanical rebar splicing system, which is made of high-strength alloy structural steel. It has already passed the High Speed Tensile test of Anti instant impact by German Federal Institute for Materials Research and BAM Laboratory. It has been widely used in building structures with high requirements for anti-impact. The coupler sleeve will be perfect connected with rebar by cold swaged deformation in the application, and dual couplers will be connected by a high strength bolt. Its size can be from 12mm into 40mm different diameter rebars.

Features

- Each rebar is connected by cold swaged with a coupling, It was processed by large-tonnage hydraulic machine and unique split mould to ensure high quality and reliable radial deformation swage.
- Rebar sleeve bond press is done prior to site connection saving precious site time.
- On-site installation is simple and fast, even in dense steel cages. After installation, only the installation torque needs to be detected, and no other detection is needed. Not affected by environmental and weather factors.
- There is no need to cut threads, roll threads, weld the rebars, so the connected rebars keep their original properties.
- Hebei Yida KZJ rebar connection system is suitable for complex tensile stress and compressive stress states.



KZJ Aircraft-impact resistant reinforcement connection system have those couplers



GKY1000 Hydraulic Gripping Machine

Usage

To crimp the rebar and coupler: The GKY1000 hydraulic grip machine and specialized molds are used to compress the coupler and rebar together.

Features

Use two pipe wrenches to tighten by simultaneously rotating the two couplers in opposite directions.



Dimension of Hebei Yida KZJ Aircraft-impact resistant standard coupler

Size(mm)	OD(mm)	L(mm)	Weight(kg)
16	28	85	0.20
18	31	90	0.27
20	34.5	95	0.37
22	38	105	0.47
25	43	115	0.68
28	48	125	0.95
32	54	140	1.35
36	61.5	145	1.82
40	68	155	2.33

LJY Series Hydraulic pressing Machine

Usage

This machine achieves the purpose of rebar connection by squeezing the connecting screwless coupler to produce mechanical occlusion. It is more advantageous to use this machine for steel bars with poor welding performance, construction sites with insufficient power capacity and projects with tight time limit. Used to connect steel bars with a diameter of 16mm-40mm.

Features

- Strong intensity connector, stable and reliable; no specific requirements on the weld ability of the rebar;
- Compared with the common welding process, each connector can improve the work efficiency by about three times.
- The use of this machine is not limited by the environment and weather, and there is no danger of fire and electric arc burning, and it is not limited by power capacity. The structure is flexible and it is suitable for multiple devices to operate at the same time.
- No professional and experienced worker needed, they can be trained to connect rebar of different diameters.

Dimension of Hebei Yida cold pressing coupler

Size(mm)	OD(mm)	Wall thickness(mm)	L(mm)	Weight(kg)
16	30	4.5	100	0.28
20	36	5.5	120	0.50
25	45	7	150	0.98
32	56	9	192	2.00
40	70	11	240	3.84

LJY Series Main Technical Parameters			
Item	LJY-32	LJY-40	LJY-(16-40)
Steel Bar Specification	16mm-32mm	36mm-40mm	16mm-40mm
Motor Power	3.0kW		
Working Power	380V 3Phase 50Hz		
Rated Pressure	63MPa		
Oil Pump Weight	80kg	80kg	80kg
Press Clamps Weight	35kg	45kg	50kg
Tank Weight	36L		
Dimension(L×W×H)	700mm×430mm×800mm		



GQ Series Rebar Cutting Machine

Usage

The Rebar cutting machine is designed to cut rebar, ordinary carbon steel, hot-rolled rebar, and threaded steel to the required lengths. This equipment is widely used in concrete structure manufacturing plants, precast component factories, and construction sites. The rebar cutting machines manufactured by Hebei Yida United are highly reliable and productive.

Features

- Improved frame design, compact size, sturdy construction, and durability.
- Excellent lubrication performance with a closed gearbox that achieves lubrication through gear splash. After adding 8 kg of gear oil, it can operate continuously for two months.
- Due to improved lubrication, functional loss is reduced. The drive components use rolling bearings, resulting in lower resistance. Compared to similar cutting machines, the load power can be reduced by one-third.
- Equipped with a hard cutting head, connecting rod, and a high-speed motor that meets national standards, ensuring more stable quality and a longer service life.
- Easy to move and maintain.



GQ Series Main Technical Parameters		
Item	GQ-40	GQ-50
Round Steel Processing Range	6mm-40mm	6mm-50mm
Maximum Square Steel Processing Size	32mm	40mm×40mm
Motor	3kW	4kW
Voltage	380V	380V
Weight	500kg	640kg
Dimensions(L×W×H)	1280mm×470mm×730mm	1280mm×480mm×740mm

One Touch Quick-Insertion Rebar Coupler

Usage

The one touch quick-insertion coupler is a coupler that can quickly connect rebars. The product structure includes: inner sleeve, clip, outer sleeve, and pressure spring. When connecting the rebar joint, you only need to insert the steel bar into the coupler. When the rebar is pulled out, the rebar will be locked through the cooperation of the tapered hole and the bite clip, making the rebar unable to be pulled out, so that the two rebars can be quickly fixed and connected. Suitable for rebars of different specifications and grades.



Dimension of Hebei Yida one touch quick-insertion Coupler

Size(mm)	OD(mm)	ID(mm)	L(mm)	Weight(kg)
16	38	18.5	103	0.52
20	45	23	107	0.77
25	57	29	130	1.46
32	70	37	160	2.98
40	88	46	220	7.41

Lock Shear Bolt Coupler



Usage

Lock Shear Bolt couplers allow for easy and simple field installation since no bar-end preparation, sawing or swaging is necessary. The couplers can be installed with just a standard wrench, nut runner or an impact wrench depending on coupler size. The bolt heads will shear off when proper installation tightness has been reached, which allows for complete visual inspection. Suitable for new construction, repair, bent bar or retrofit precast applications.

Dimension of Hebei Yida lock shear bolt Coupler

Size (mm)	OD (mm)	ID (mm)	L(mm)	Weight(kg)	Screw hole size (mm)	Average screw torque(N.m)	Bolts quantity (pcs)
16	35	19	159	0.90	13	205	6
20	44	24	191	1.70	13	205	8
25	54	30	254	3.40	16	475	8
32	65	38	323	5.9	21	680	8
40	80	47	400	10.9	21	790	12

Weldable Coupler

Usage

Weldable coupler is mainly used for connection with frame beam rebars in special applications such as steel structures, steel beams, steel columns, and steel plates.

Weldable coupler is divided into 2 types: through-hole weldable coupler and blind-hole weldable coupler.

The through-hole weldable coupler of Hebei Yida is generally used for parallel thread connections. Compared with blind-hole weldable coupler, through-hole weldable coupler has cost advantages. At the same time, expanded hole is added in the heat affected zone, which effectively solves the defect that the rebar thread head cannot be smoothly screwed in due to welding deformation. Blind-hole weldable coupler is mainly used in taper thread connections. Which has the advantages of strong weldability of weldable couplers, and its connection efficiency is also 2-3 times that of the parallel threaded couplers.



Dimension of Hebei Yida weldable coupler

Size(mm)	OD(mm)	L(mm)	Weight(kg)
16	21.5	21	0.06
20	27	26	0.12
25	33	32	0.21
32	44	38	0.45
40	54	46	0.82

Rebar headed Anchor

Usage

Rebar Headed Anchor is a basic technology for all kinds of concrete structure engineering, and the reinforcement of steel bar needs to be anchored in order to secured its strength .Through the headed bars of anchor plate to increase the friction between the concrete and steel, improve its ability to resist drawing, in case of steel was pulled out, instead of bent ends. It is approach greatly simplifies rebar placement and reduces congestion .



Dimension of Hebei Yida rebar headed anchor

Size(mm)	Partial headed anchor OD(mm)	Full headed anchor OD(mm)	Thickness(mm)
16	38	51	16
20	48	64	20
25	59	80	25
32	76	102	32
40	95	127	40

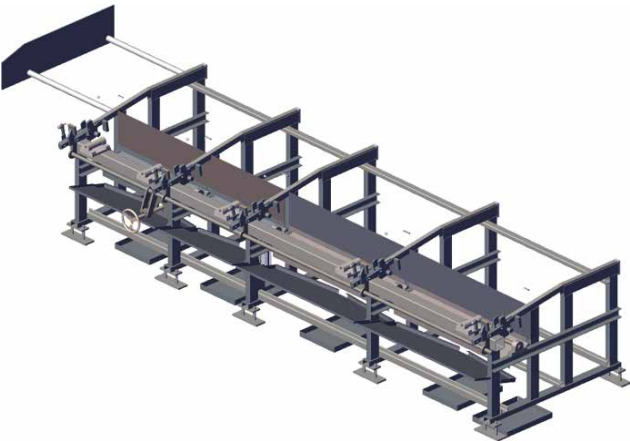
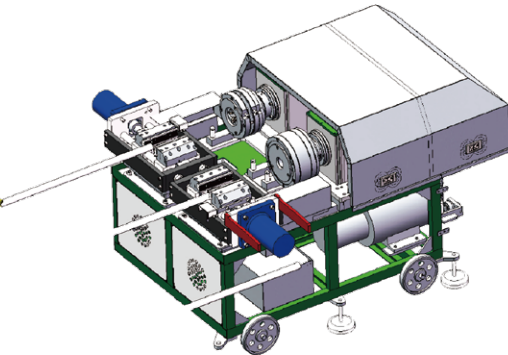
Automatic Feeding and Thread Rolling System

Usage

The automatic feeding and thread rolling system is an automatic rebar organizer, feeder and rebar thread processing system. The system is divided into two parts: GL-12 Rebar Organizer & Feeder Machine and Fully Automatic Rib Peeling and Thread Rolling Machine. The GL-12 Rebar Organizer & Feeder Machine is widely used in automatic rebar cutting, rebar thread cutting and thread rolling processes. It can save labor and improve the efficiency of thread processing at the end of building rebars. The equipment is flexible to use and has a wide range of applications.

Features

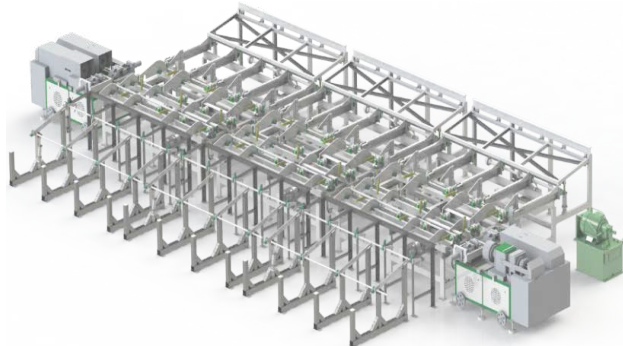
- The base frame of the GL-12 Rebar Organizer & Feeder Machine is detachable and equipped with adjustable supports, which can adapt to equipment applications of different heights.
- The equipment adopts an extended application design and is easy to combine and extend. It can adapt to different lengths of rebars and various processing equipment, while delivering rebars flexibly.
- This rebar organizer & feeder machine is widely used in construction, highways, nuclear power plants and other industries, and is suitable for sorting and transporting rebars of various specifications and lengths.



Fully Automatic Rib Peeling and Thread Rolling Machine

By peeling off the ribs first and then rolling the thread, the quality of the thread head is stable, the thread shape is full, the burrs are less, and the appearance is good-looking. This process can extend the life of the thread rolling rollers and reduce the cost of thread head processing to a certain extent.

After the entire system is assembled, it is simple to operate and maintain. It is equipped with a special tool adjustment and rod inspection, and workers can operate it after simple training.



- Workflow**
- Adjust the equipment to the corresponding processing mode
 - Hoist the bundles of rebar onto the storage rack
 - Manually peel off the steel bars from the storage rack one by one
 - The rebars are rib-peeling first
 - One end of the rebar is threading first, then threading the other end
 - After the processing is completed, transport the finished rebars to the storage bin

Anchor Wrenching Machine

Usage

In the past, anchor plates were typically tightened manually using rebar wrenches or pipe wrenches. This machine enables rapid installation of anchor plates, significantly reducing worker labor intensity and greatly improving installation efficiency. The installation torque exceeds the standard required torque value.

Equipment features: Use impact wrench, no reaction torque, more safer;Fast installation and labor-saving; Handheld, light weight and easy to operate;There are various types and can be adjusted at will according to the on-site conditions.



Anchor Wrenching Machine Main Technical Parameters	
Weight	10kg
Voltage	220V
Power	1050W
Rotating Speed	1400r/min
Torque Range	300-1000N.m
Square Size	25.4mm×25.4mm
Dimensions (L×W×H)	688mm×158mm×200mm

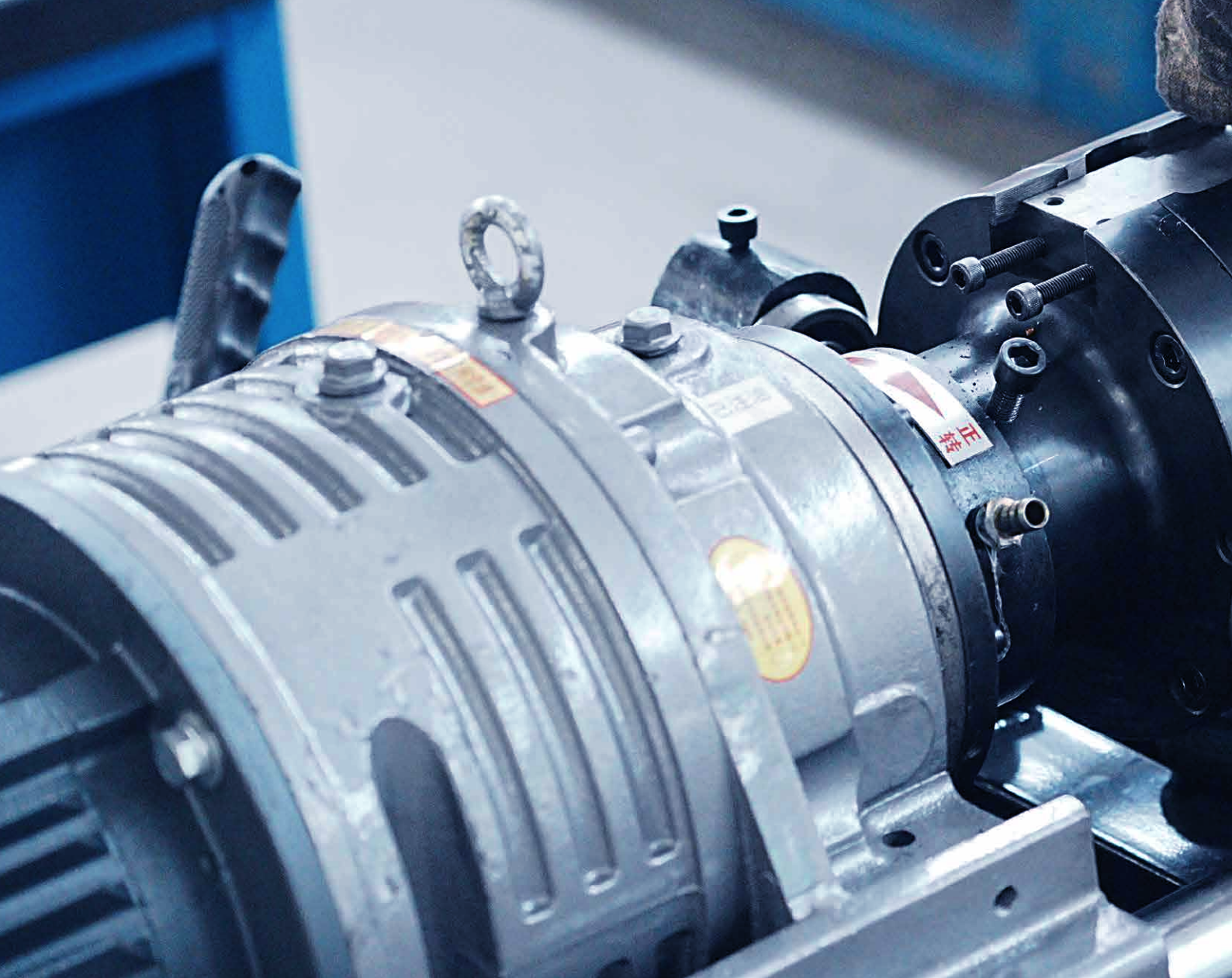
Torque Wrench

Usage

Torque Wrench can be used to both install couplers and is for inspecting torque values by Inspector during construction of Rebar Mechanical Splice. After tightened the Rebar Mechanical Splice, inspectors need use torque wrench to check tightening torque of coupler with rebar, the minimum tighten torque values shall meet the following:



Tightening Torque Main Technical Parameters	
Rebar Size(mm)	Tightening Torque(N.m)
≤16	100
18-20	200
22-25	260
28-32	320
36-40	360

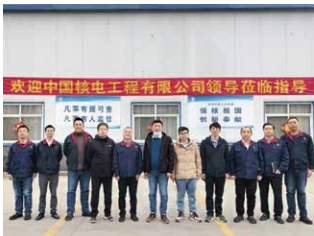


TECHNOLOGY CHANGES THE FUTURE
INNOVATION CONNECTS THE WORLD

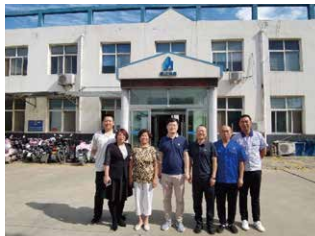
Corporate Culture

As a disseminator and practitioner of the nuclear industry spirit of "Strong Nuclear Service, Innovation and Dedication", the company keeps in mind the mission of " Aim to international industrial champions, fight for YIDA world famous brand." It adheres to the quality principle of "Always focus on customers satisfaction; Always continuous quality improvement; Always abide by laws and promises; Always making innovations and developments." With a commitment to "Innovating and developing without a break" and consistently "Manufacturing reliable products, serving national nuclear industry." The company relies on a modern management system and upholds the principles of integrity in operation, deepening the specialty, and being precise and intelligent. It serves global customers, provides advanced technical solutions and actively contributes to society development..

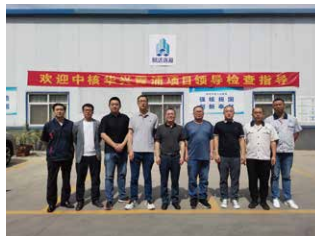
Industry Collaboration




China Nuclear Power Engineering Co., Ltd.



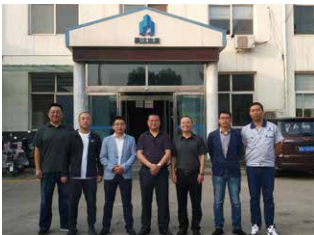
China Academy of Building Research



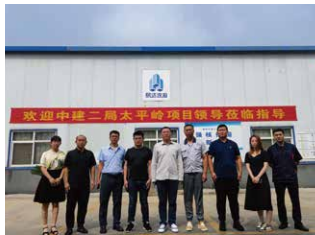
CNNC Xiapu Nuclear Power Co., Ltd.



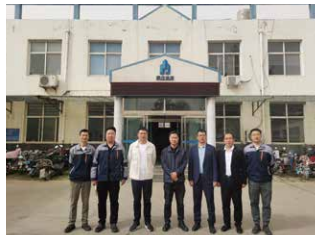
CGN Lufeng Nuclear Power Co., Ltd.




China Nuclear Industry 24 Construction CO., Ltd.




China Construction Second Engineering Bureau Ltd.




CNNC Northwest Construction Group




Foreign Customer Visit




China Association for Engineering Construction Standardization




China Association for Engineering Construction Standardization




China Association for Engineering Construction Standardization




China Nuclear Industry Exploration & Design Association



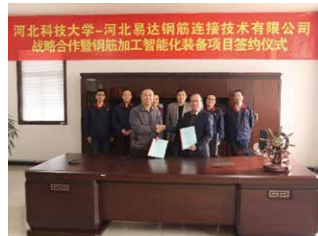
Dubai Central Laboratory (DCL)



UK Certification Authority for Reinforcing Steels




National Defense Science and Technology Industry 1311 Metrology Station




Hebei University of Science and Technology


Project Case




Hong Kong-Zhuhai-Macao Bridge




Zhoushan cross-sea Bridge




Shanghai-Kunming High-speed Railway




Xi'an Metro




Xi'an Xianyang International Airport




Fangchenggang Nuclear Power




Xiapu Nuclear Power



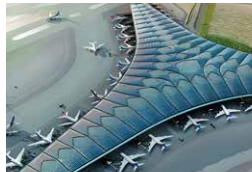
Fangjiashan Nuclear Power




Xudabao Nuclear Power




Shidaowan Nuclear Power




Kuwait Intenational Airport




Tren Mexico-Toluca




AIFA - Santa Lucia




Torre Mitikah




Pakistan Karachi Nuclear Power Plant




Al-Amiri Hospital




Tunel Emisor-Oriente



Guinea Keller Tower Hydro Power Plant



Doha Hamed Internatioanl Airport



Ivory Coast Soubre Hydropower