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High Speed Wire Rod And Bar Mill Manufacturer
Xi'an Official Wire Rod And Bar Mill Research Center

Xi'an Weikeduo Electrical And Mechanical Equipment Co.,Ltd

HISTORY



Chairman Zhang Wennian

In 1998, Mr. Zhang Wennian founded Xi'an Aviation Machinery Metallurgical Power Equipment Manufacturing Co., Ltd., which transformed from a single processing enterprise into a research and development, production, and service enterprise. In 2006, Xi'an Weikeduo Electrical And Mechanical Equipment Co.,Ltd was established and officially awarded the title of Xi'an High-Tech Enterprise.

Xi'an Weikeduo Electrical And Mechanical Equipment Co.,Ltd is a professional manufacturer of metallurgical machinery established in 2006. Our company provides steel rolling mills and turnkey projects worldwide for steel plants and holds the famous trademark "Hangji" in China, which is well-known in the industry.

Our company produces comprehensive equipment sets for high-speed bar and wire rod production lines, including roughing mills, finishing block mills, short stress path mills, transmission gearboxes, and reducers. Our wire rod finishing blocks, reducing and sizing mills, and laying heads are guaranteed to operate at 115 m/s, while the bar short stress path mills, H&V cantilever mills, and RSM are guaranteed to operate at 45 m/s. Additionally, online monitoring of rolling mills and remanufacturing are widely utilized in major steel plants.

Headquartered in Xi'an at No.18 Jinggao South Road, our company covers an area of over 22,000 square meters and boasts a comprehensive quality system that encompasses development, production, installation, and after-sales service. Our equipment complies with multiple international standards, including ISO, and has been granted over 10 Chinese intellectual property patents. Our wire rod and bar reducing mill has been recognized as a "Major Technical Equipment Product" by the Chinese government and received financial support.

HONORS

ISO 14001

Patent Certificate

Intellectual Property Certificate

ISO 9001

Software Copyright

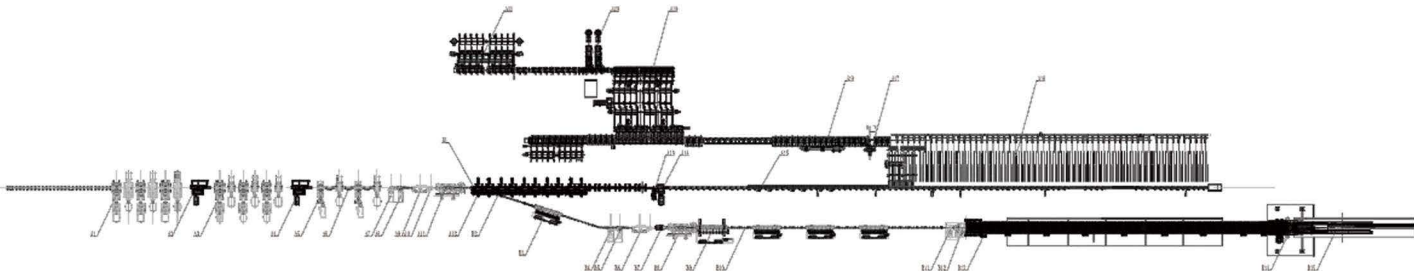


Innovative Enterprise

High Tech Enterprise

Xi'an Official Wire Rod And Bar Mill Research Center

Turnkey Project



High Speed Composite Wire Rod And Bar Line of 400,000 - 600,000 TPY



05

MAINTENANCE

LASER INTELLIGENT REPAIR
SPARE PARTS GUARANTEED

01

TAILORMADE LAYOUT

DESIGN PRODUCTION LINE LAYOUT
BASED ON REQUIREMENTS

04

MONITORING

ONLINE MONITORING
REMOTE DIAGNOSIS

02

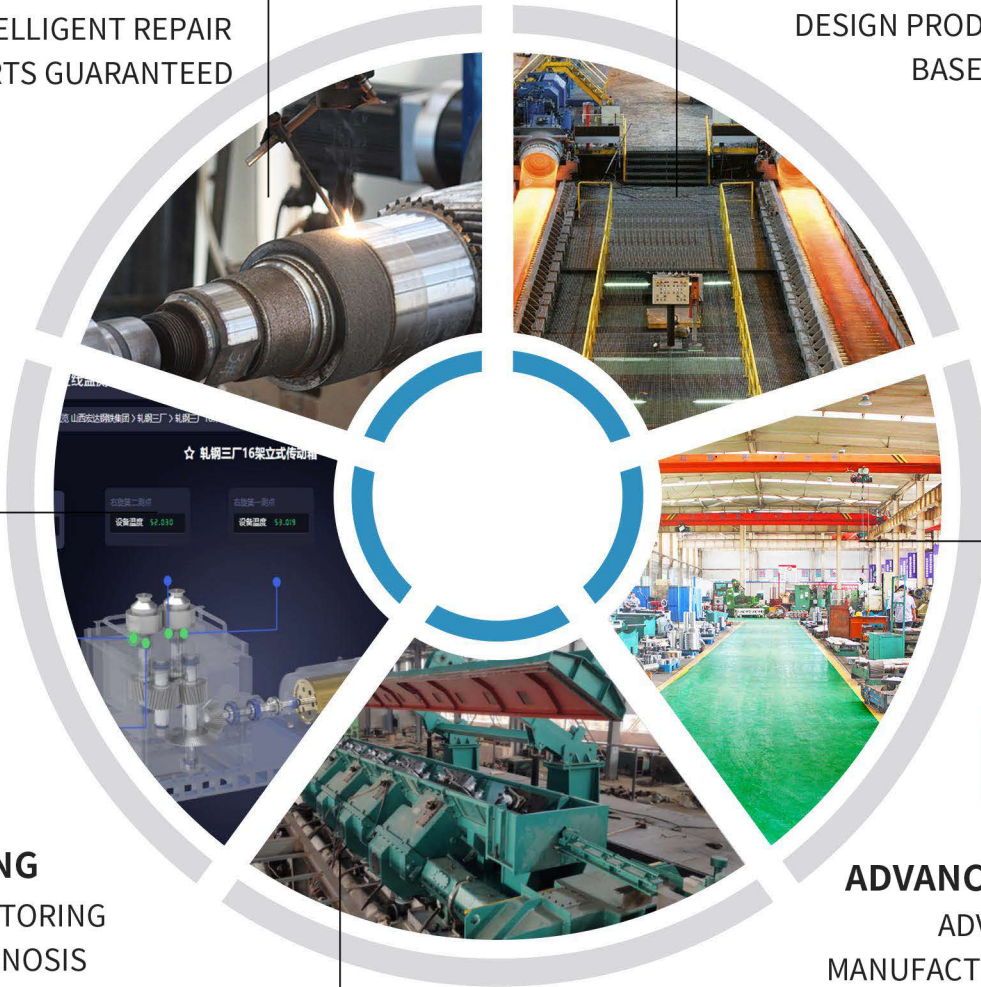
ADVANCED PRODUCTION

ADVANCED EQUIPMENT
MANUFACTURING TECHNOLOGY

03

INSTALLATION

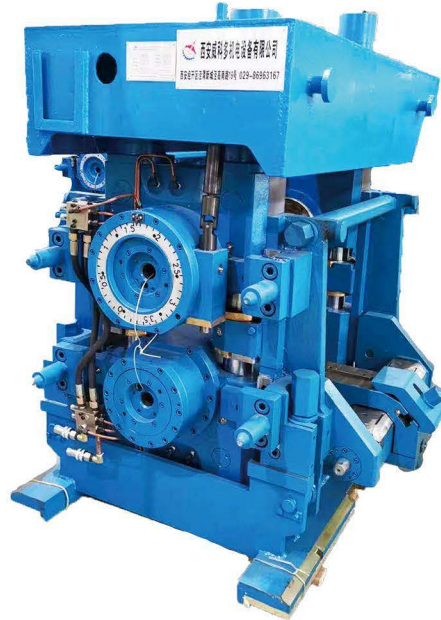
PROFESSIONAL TEAM
INSTALLATION AND TRIAL RUN





BAR MILL

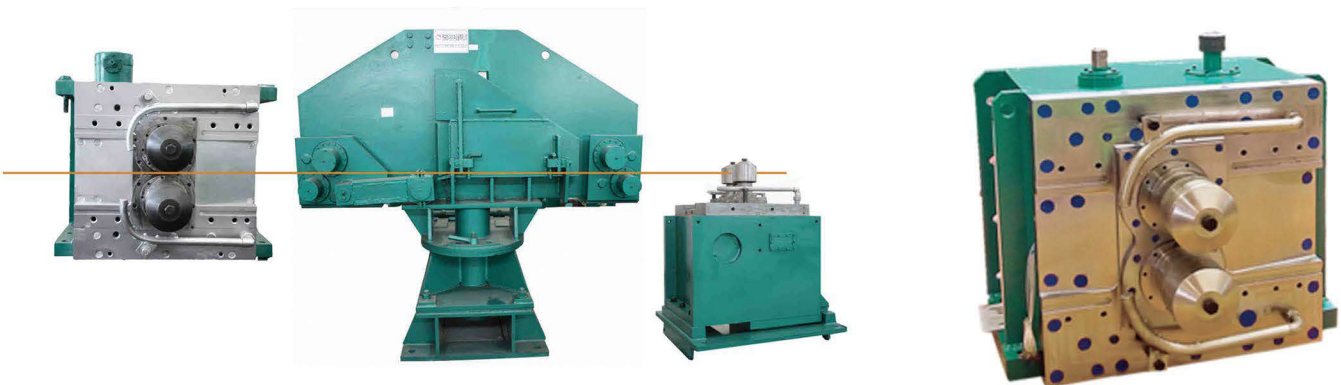
Roughing & Intermediate Mill



350/450/550 short stress path line mill

» 285/320/340/385 prefinishing mill

4 stands of H&V cantilever mills (2H + 2V), 3 vertical loopers

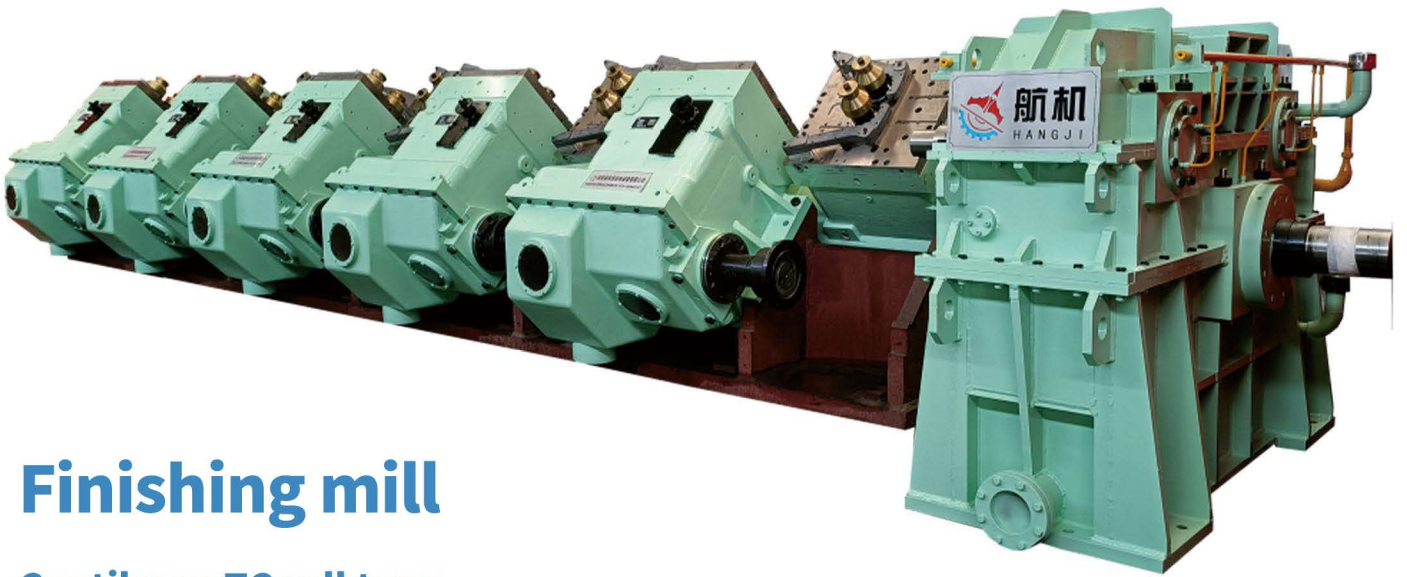


H&V Prefinishing Mill

PRODUCTS



WIRE ROD MILL

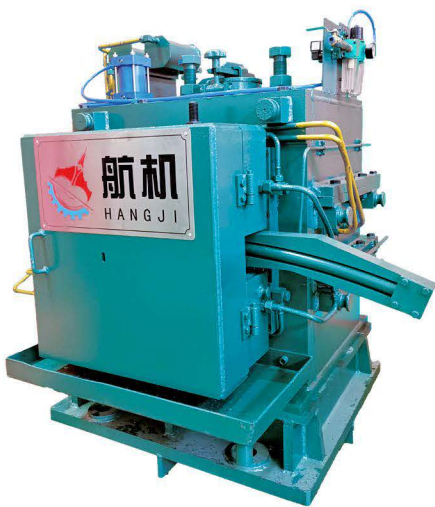


Finishing mill

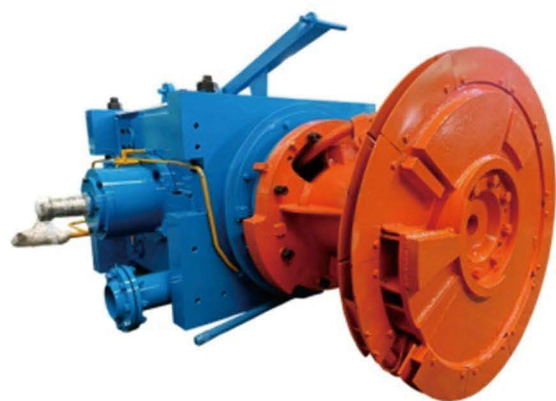
Cantilever TC roll type

» 80 m/90 m/135 m top cross non twist finishing blocks

This heavy duty 45° top cross non twist high-speed wire rod finishing mill consists of 10 stands of $\phi 230$ block mills.



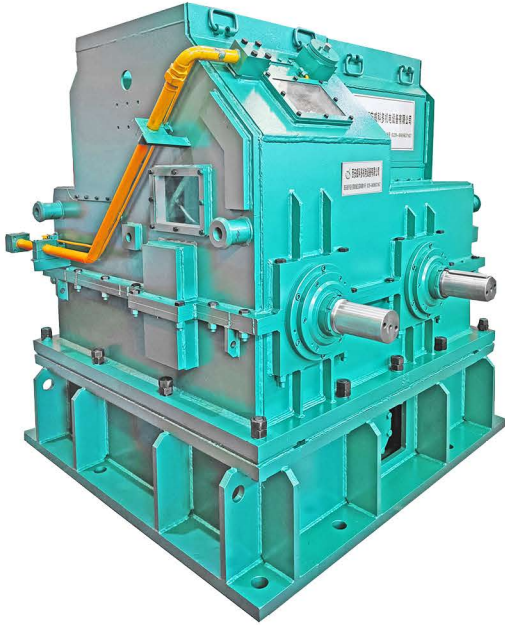
90 m/135 m
High speed pinch roll



90m/135m/140m
Oil film bearing laying head



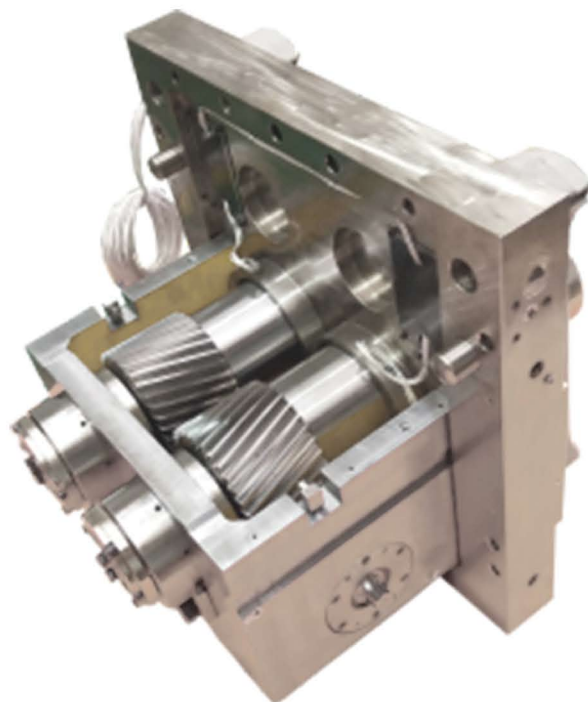
REDUCING AND SIZING MILL



» 150 /230 /250/260/320 reducing and sizing mill

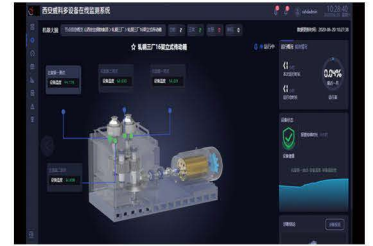
This block is arranged in the high-speed wire rod production workshop and through continuous micro-tension non-twist rolling, the $\phi 17 - \phi 21$ mm incoming material will be rolled into $\phi 5.5 - \phi 16$ mm wire rods.

Roll box of reducing mill



ONLINE MONITORING SYSTEM

TEMPERATURE AND VIBRATION MEASUREMENT



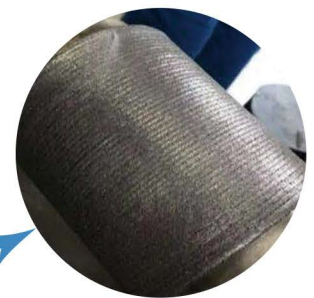
INTELLIGENT MAINTENANCE OF SPARE PARTS



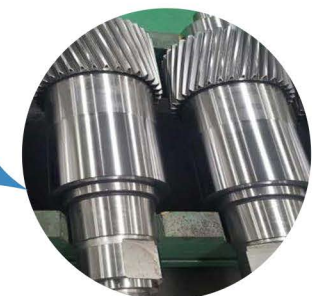
MAINTENANCE



REMANUFACTURING



Before repair



After repair



OUR FACTORY

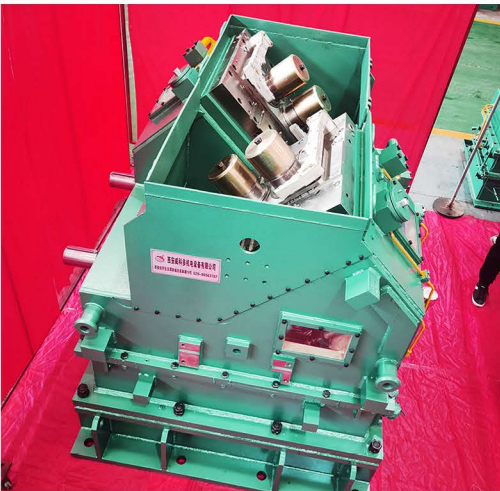
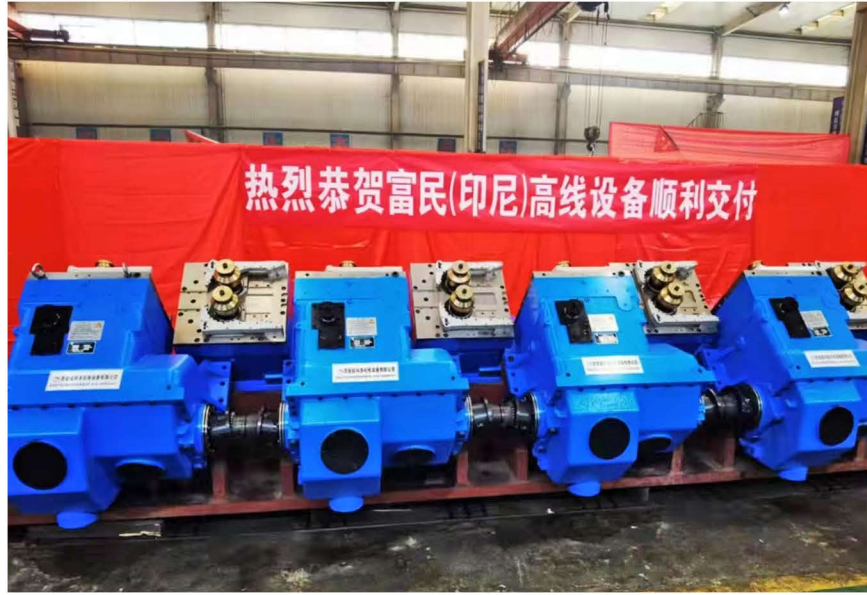
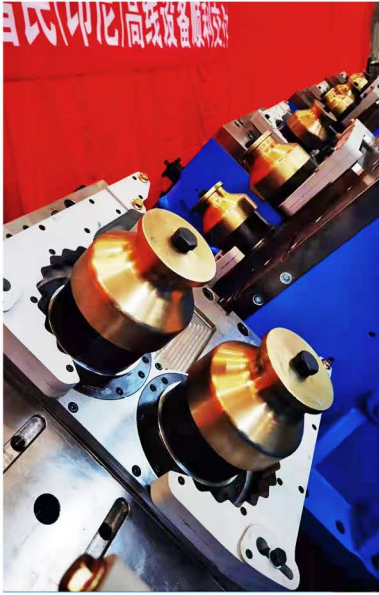
OVER 20,000 M²





OUR PROJECTS

WIRE ROD AND REBAR MILL



CLIENTS WORLDWIDE

Vicisa VnSteel (Vietnam)

Taidu Steel Co., Ltd (China)

Ansteel Group (China)

MCC Group (China)

Sinosteel Group (China)

Yongda Special Steel Co., Ltd (China)

Zhenzhen Steel (Africa)

Guoxin Industrial Co., Ltd (China)

Chandan Steel Limited (India)

Sinosteel Design Institute (China)

Sunvik Steels Pvt Ltd (India)

Xinkeyuan Steel Co., Ltd (Thailand)



WHATSAPP



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