

Beyond Today's Possibilities, Towards The Tomorrow Of Our Dreams



FEMCO GROUP PROFILE

- Manufacturing Applications
- Engineering & Construction
- Pipes & Tubes
- FATEK Machine Tools
- FEMCO Steel Technology



www.femco.com.tw



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SINCE 1949

FEMCO

No Limits

Beyond Today's Possibilities, Towards The Tomorrow Of Our Dreams



Preface

Since 1949, FEMCO has committed to offer customers the most cost-effective products with the best customer service as promised. Our efforts to keep our commitment is how we can grow from a small metal processing factory to an international company with over 700 employees. Today, FEMCO has become a company that has 5 major production divisions and many more affiliates.

FEMCO has been proud of its own technology innovation and received numerous awards in different competitions.

Every two years, Taiwan Association of Machinery Industry holds a technology innovation contest in Taipei International Machine Tool Show. FEMCO has participated in every TIMOS innovation competition and has won different awards from the master piece to premium award; although, this is not an easy task to achieve, but FEMCO is not satisfied besides technology innovation, we are still striving with the quality, delivery, price, brand name, and the post-sale service.

To stay competitive in this rapid changing market is not an easy task. A well established management, marketing strategy, sales capability, and more importantly, reduced costs will keep us competitive in this market. But I still need to reiterate that reduced costs is not to lower the quality. The business today is very different from the past; we can't only focus on R&D, we have to integrate marketing, packaging, customer service, etc., and stay close to our customers and understand their needs in order to have more business opportunities. FEMCO always value the commitment and satisfaction with our customers; we still share the same vision since the beginning of our company. These visions will help us to understand and stay close with our customer and guide us to achieve our goals.

PRESIDENT *Hueihuey Chuang*



Company Profile

FEMCO was originally founded as a small bicycle rim factory by Mr. C.M. Chuang in 1949. Since Mr. C.M. Chuang designed the very first machine for FEMCO, FEMCO has made many considerable contributions to Taiwan's mechanical engineering industry over the past sixty years. With strong and continuous growth in business, FEMCO is expanding the production line of machinery and pipe production industries. Years later, FEMCO has continued to expand business into infrastructures and major construction projects with Taiwan government, as well as golf shafts. FEMCO's five business divisions provide superior products and services all over the world. FEMCO has been providing award winning machinery to major tour winning golf shafts over sixty years, and continues to develop innovative products and ideas of business.

In the future, FEMCO's products will be continuously innovated by new technologies, that can allow us to provide our customers with the finest quality and affordable price products. We will continue to keep our commitment, which is to provide our customers with the best cost-effective products and services.

FIVE BUSINESS GROUPS

Manufacturing Applications

Engineering & Construction

Pipes & Tubes

FATEK Machine Tools

FEMCO Steel Technology





Our History



Our History >

- 1949 → Mr. C.M. Chuang founded Far East Rim Work to manufacture bicycle rims.
- 1951 → The company imported brand new Cold Rolling Steel Bar and added Brass-Welding Furnace, leading to better quality.
- 1954 → Mr. C.M. Chuang designed a machine which allowed rims being cut with an electric saw after formation and converted the manned welding machine into Electric Welding Machine to form, and thus improved quantity and quality.
- 1956 → Bilateral Continuous-Welding Machine designed by Mr. C.M. Chuang was patented and that replaced Brass-Welding Furnace.
- 1959 → Producing Hub, Flywheel and Rear Brake Drum.
- 1963 → The company started to manufacture motor bike rims.
Mr. C.M. Chuang was promoted by the State Council of USA as the delegate of the "Entrepreneurs of Investigation of USA".
- 1964 → FEMCO expanded the pipe plant, increasing the 4"~6" pipe product line.
- 1965 → FEMCO expanded the pipe plant again, increasing the 8"~16" pipe product line.
- 1966 → Purchasing a 20 acre site for the construction of the Hou-hu plant and the head office building.

- 1967 → Attending the Machinery Exhibition for the first time with the new High-Speed Lathe.
Producing Milling and Planning Machine.
- 1968 → A 260,000 sq-ft. machine shop and a cast-iron foundry were added to the existing facility.
Undertaking 100'000 tons spiral pipes for CSBC Corp., Taiwan, and transporting Spiral Pipe Machine which was designed by Mr. C.M. Chuang and that was patented to Ba-dou-tz for manufacturing.
- 1969 → The pipe machines were exported to Philippines, Thailand, Malaysia, Kenya, Egypt, etc.
- 1970 → Producing Radial Drilling Machine
- 1973 → Mr. C.M. Chuang was awarded "the top 10 entrepreneurs" award.
The innovation of Lug and Shell resolving the problems of precision of Taiwan-made bikes and that was awarded "Research and Innovation".
- 1974 → The exportation of bike rims to U.S.A.
The establishment of the subsidiary in New Jersey (K.K.N.J.).
A contract of the Φ60"*t16mm*34~36m Long Spiral Pipe Posts in Si Ao Port.

- 1975 → A contract of the tower in the Taoyuan petroleum refinery from CPC Corporation.
The addition of a 20 acre site for the construction of a 40,000 sq-ft fabrication shop in the Tou-chau Industrial Area (North of Chiayi).
The foundation of FEMCO Engineering & Construction.
- 1976 → FEMCO was certified by the American Petroleum Institute (API pipe).
The acquisition of the contract of two L.P.G. 2000kl Spherical Storage Tanks from the Taoyuan petroleum refinery of CPC Corporation in technical cooperation with Nippon Sharyo Ltd.
Attending IMTF for the first time with Radial Drilling Machine.
FEMCO started to export Radial Drilling Machine to U.S.A
- 1979 → The establishment of the subsidiary in Los Angeles. (K.K.C.A)
- 1980 → The completion of the 250km petroleum pipes from the North to the South.
- 1981 → Manufacturing CNC computerized lathes NCL-20/60 and NCL-35/100.
- 1982 → The contract of the two sets refrigerated tanks for CPC Corporation, which was later completed in 1984.
Chuang-shan Institute of Science and Technology committed Rocket-Launching Pipe to FEMCO for developing.

- 1983 → The cooperation with Nippon Kinzoku for production of stainless steel rims exported to Japan.
FEMCO invested 808 Company which was then renamed as AKISU Machinery Co., Ltd., a manufacturer of bicycle forks.
Mr. K.H. Chuang served as the chairman.
- 1985 → The development of the vertical lathes VL-12 and VTL-16 which were later exported to G.E and Delta Air Line in U.S.A
Chuang-shan Institute of Science and Technology committed Rocket-Launching Rack & Carousel to FEMCO for developing.
- 1986 → The development of the Durga-25 lathe with Double-Disk Turret which were later exported to Europe, U.S.A and Japan.
The completion of the Lung-shi hydro-power station for Taiwan Power Company.
Producing and developing a D.I.O. (Direct Input & Output) system for machining usage in technical cooperation with the SEIBU Electricity & Machinery Co., Ltd.
A contract was awarded by CPC Corporation for supplying 26" diameter API pipes of a natural gas pipeline project., which were manufactured by JCO production line designed by Mr. C.M. Chuang.
- 1987 → The FEMCO founder Mr. C.M. Chuang passed away and Mr. K.C. Chuang took over the position of the chairman.

Our History >

Our History <

- 1988 → Attending the first term of the competition of "Research and Innovation". FEMCO won the first prize for the CNC lathe and that the third prize for the CNC milling lathe.
- 1990 → Chuang-shan Institute of Science and Technology committed Rocket Launching Base to FEMCO for developing.
- 1991 → The accomplishment of the API 5L-X60 56"×0.75"×8000m underground pipes for CPC corporation.
Undertaking the engineering of Sand Pipe for No. 6 Naphtha Cracking Project in Mailiao.
- 1992 → FEMCO invested Kao Fong Machinery Co.,Ltd, and Mr. K.C. Chuang served as the chairman.
The completion of the Shuei-li power plant.
- 1993 → FEMCO invested Kunshan Pearl Machinery Industry Co.,Ltd.
- 1994 → The completion of the Φ2650 Sea Pipe engineering in the Tung-shiau power plant for Taipower Company.
The CNC lathe(DURGS-25ES) was awarded 1994 "Taiwan Excellence Awards"
The supply of the Φ700*16t Sand Pipe in total of 3000 meters for No. 6 Naphtha Cracking Project in Mailiao.

- 1995 → Updating FEMCO computer system with MCBA software.
The supply of Φ800*12t pipe posts for the expansion of China Steel Corporation.
FEMCO was awarded ISO-9002 and CE for FEMCO Manufacturing Applications.
FEMCO Cycle & Auto Parts and FEMCO Engineering & Construction were awarded ISO-9002.
- 1996 → The foundation of Factory Automation Technology, which later cooperated with Mitsubishi Electric Corporation to manufacture OEM wire cutting machine.
- 1998 → Developing WHL-F50 Double Turret Aluminum Wheel Turning Lathe.
Golf shaft production reaches 300,000 pieces per month, leading FEMCO to become Asia's largest supplier of golf shafts.
- 1999 → Mr. K.H. Chuang was promoted to be the FEMCO chairman, and Mr. K.C. Chuang was hired as the honorary chairman.
FATEK started to produce the HL series of CNC lathes with the brand of FEMCO to export throughout the world.
The completion of the 2 sets 68,000KW Mechanical equipment of the Ma-An hydro-power station for Taipower Company.

- 2000 → FEMCO trademarked the COZYACE line of electrically adjustable beds for medical and residential purposes, and the bed design was patented in Taiwan, Japan and China.
The completion of the construction of the resource recovery plant in Ping Tung County.
The golf products division became independent and be operated as a subsidiary of FEMCO under the new name "FEMCO Steel Technology"
- 2001 → FEMCO was awarded ISO-9001 for FEMCO Cycle & Auto Parts, FEMCO Steel Technology and FEMCO Engineering & Construction.
- 2002 → The completion of the C921 and C295 automotive rigid frames in total of 8 sets.
- 2003 → Developing HL-55SP Pneumatic Aluminum Wheel Turning Lathe which was later awarded the third prize of "Research and Innovation" in TIMTOS.
The completion of the gas pipelines engineering for the Jia-huei power station.
- 2004 → Developing the square pipes up to 300*300.
- 2005 → Developing CNC HL-25DMS Double Turret with Sub-Spindle CNC Turning Lathe which was awarded the first prize of 2005 TIMTOS.

- 2006 → The manufacturing and the installation of Motor Machinery Pipe for the 4th nuclear power plant.
- 2007 → Developing WVL-F24A Vertical Wheel Turning Lathe which was awarded the first prize of "Research and Innovation" in TIMTOS.
Developing BMC-FT2 Horizontal Boring and Milling Machine with Facing Head which was also awarded the third prize of "Research and Innovation" in TIMTOS.
- 2008 → The completion of the Shi-kou power plant for Jia-nan Corporation.
- 2009 → Developing BMC-250T Horizontal Boring and Milling Machine which was awarded the first prize of "Research and Innovation" in TIMTOS.
Signing up a contract with IBM and bringing in ERP system.
A contract of manufacturing Copper Tube equipments for SUNSCO.
Undertaking the engineering of Electric Machinery Equipment for the Ju-men power plant and the Wan-sung power plant.
- 2010 → U-Ribs for the Bridge Construction Supplied by FEMCO Pipes & Tubes are highly praised.
FEMCO undertakes construction at the Fu-Gang Base.
New product launch: NVL12M.
The steel tubes used on EXPO Hall in Taipei International Flora Exposition are produced by FEMCO Pipes & Tubes division.



MACHINE WORKS DIVISION



About Machine Works Division

FEMCO Manufacturing Application, the first department founded in FEMCO machinery group, was manufacturing wheel turning lathes initially. After more than 60 years' transition, nowadays FEMCO Manufacturing Application shifts the focus to machine tools' components machining and parts assembly solely for FEMCO group.

Since the establishment of FEMCO Manufacturing Application, the founder Mr. C. M. Chaung had always insisted that the company needs to possess the capability of design, production, and assembly. This faith leads FEMCO group to constant innovation and breakthrough in technology. Enhancing quality and improving efficiency is always the motto of FEMCO Manufacturing Application. With unceasing efforts to develop integrated processing facilities and deliver superior processing capability, nowadays the production facilities FEMCO Manufacturing Application possesses includes CNC 5-axes machining center, CNC boring and milling machines, professional scraping techniques, CNC horizontal machining center, and bridge milling machine. FEMCO Manufacturing Application is also dedicated in strict quality assurance. Employing vibration stress-relief equipment, coordinate measuring machine, collimator, and plug gage to inspect the products, top quality of components and assembly is therefore achieved. Such dedication in quality assurance enabled FEMCO to receive IS 9001 Certification in 1995.

Developing new technologies, promoting technology and generating innovative ideas are always encouraged in FEMCO Manufacturing Application. The future direction of development, is to ensure the fluent of production process, enhancing machining technology, concentrate on developing modular system and components assembly.

Professional team with leading technology > Self-developed core technology > Continuous innovation and improvement of products > Complete vertical integration of R&D process



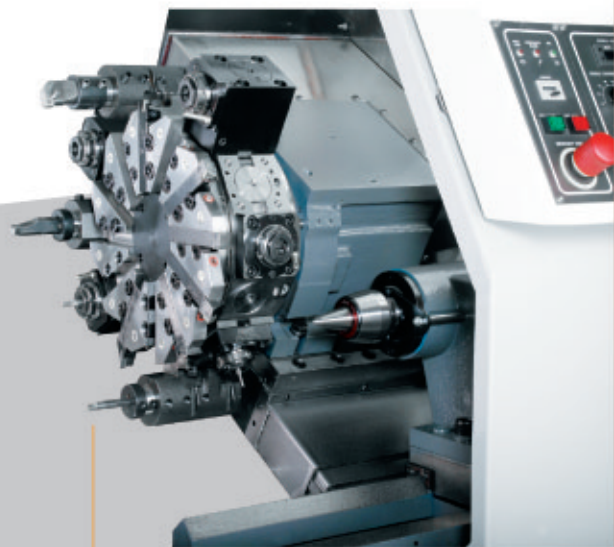
PRODUCT AND SERVICE

The high-end equipments were developed by FEMCO Group, including: automatic storage system, multiple transportation center, order selecting system, vertical recycling conveyor frames, operation site storage retrieval system, module storage and retrieval system and high speed cyclic storage system. The products made by FEMCO Group are applied to all kinds of markets and industries. We are constantly to researching and developing new technologies in order to keep providing our customers with the best product price and the

Column Machining



Bed Machining

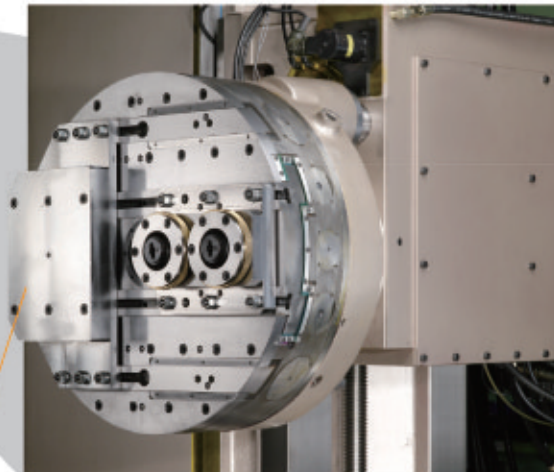


Double-disc Turret Machining



Scrapping

- Main Service Items:
 - CNC Machine Parts Manufactured
 - Turnkey Solution
 - Automated Storage System
- Full Customized Service for machining requirement
- Guarantee the best quality contro
- ISO 9001&European CE standard



Facing Head (U-axis)



VL/BMC Table Machining

Double column type planar grinder

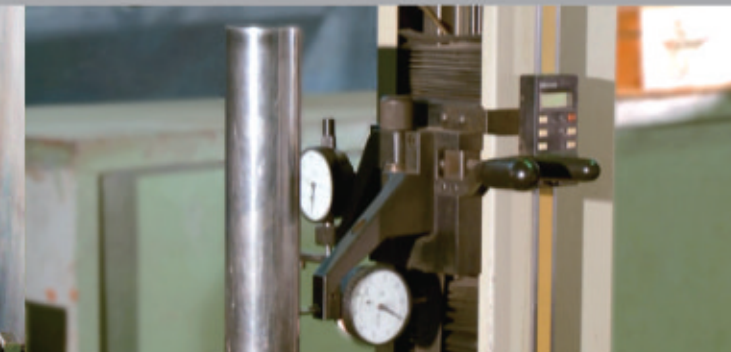
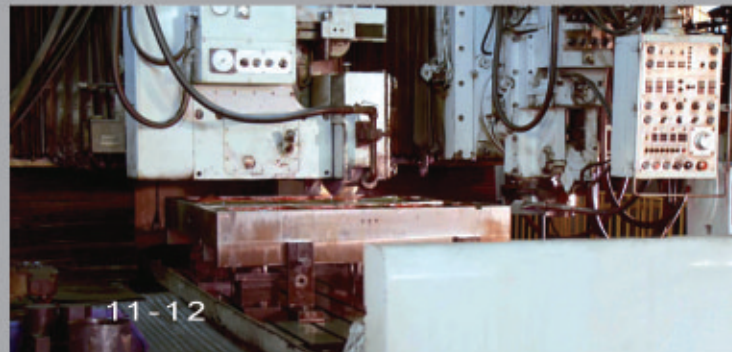
CNC 5-face machining center

Cutter calibration

Cutter management room

Painting

Double column type milling machine





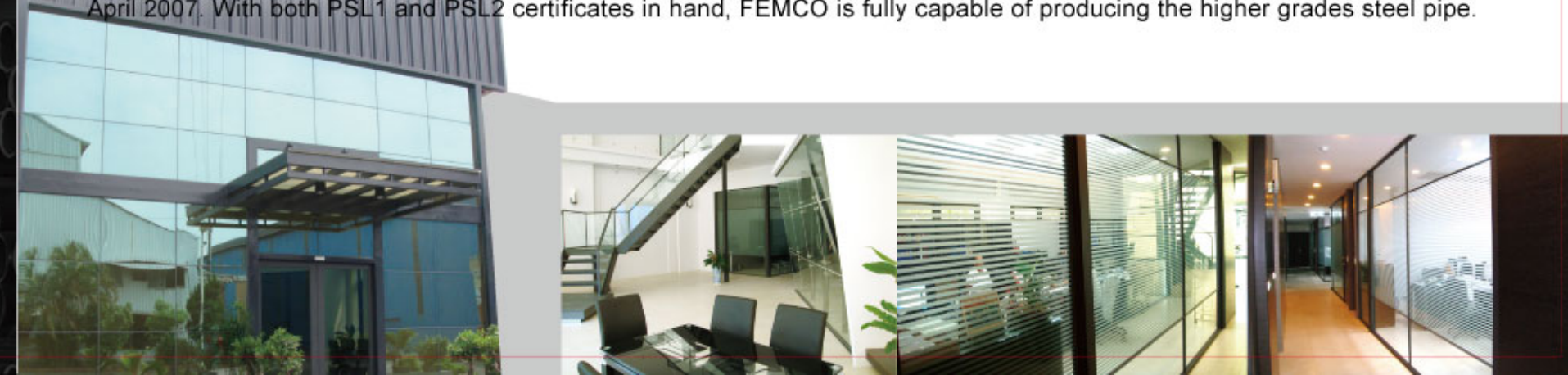
About Pipes & Tubes Division

Mr. J. M. Chuang, founder of FEMCO, set up the carbon steel pipe plant, in a very first move he decided to use high frequency (HF) welding technology that made FEMCO the pioneer and leader of the industry. After that, the pipe size went beyond the specified size of the production to the larger diameter steel pipe. FEMCO has become Taiwan's leading steel pipe manufacturer. Later, FEMCO surpassed the industry with 1/2" small-diameter pipe to 16" large-diameter pipe within the next three year, and established the most complete series of the steel pipe production facilities. FEMCO holds API, CNS and many other certifications, and supplies the steel pipes to domestic and foreign petrochemical industry, construction industry, transportation, public works, etc. at a long-term basis. The excellent quality is well received by the end users.

The pipe production equipment are self-designed, manufactured and sold to domestic and foreign counterparts by the Company, fully accepted by clients. All products are under strict supervision during the process. From the raw material grading, cutting, cutting edge, forming, high-frequency welding, removal of inside and outside welds, intermediate frequency annealing, cooling, forming, straightening, cutting off, trimming pipe ends, in-line ultrasonic inspection and eddy current inspection, hydraulic testing to final inspection, each product have been repeatedly monitored, timely correction, to ensure the highest quality. In addition, we can comply with customer needs to perform the galvanizing, antirust treatment, aluminum tripolyphosphate coating or PE coating process to the final product.

FEMCO steel pipes comply with the standards of industry and public construction requirement, including offshore seabed construction, oil and gas, petrochemical industry, construction structure industry, air-conditioning systems, harbor construction and pressure vessel equipment.

The quality of FEMCO steel pipe is certified by the American Petroleum Institute in 1976, and became Taiwan's first steel pipe maker authorized to use the API monogram. The Company also obtains API 5L PSL2 certificate from American Petroleum Institute in April 2007. With both PSL1 and PSL2 certificates in hand, FEMCO is fully capable of producing the higher grades steel pipe.



PRODUCT AND SERVICE



Pipe Mill Machine Series

The company has been a professional manufacturer of the machinery for steel pipe. Since its inception we have been continuously working in the field of steel pipe mechanics, innovation, as well as research and development, making every effort to diversify our products. Pipe Mill used to be adopted by Steel & Tubular Division itself for piping manufacturing, presently according to customer's request we also sale pipe mill. It's gains tremendous response and sales record from customers.

Introduction:

Providing turnkey configuration or unit design, being capable of manufacturing Electric Resistance Welded (ERW) steel pipe (2"-16"), Submerged Arc Welded (SAW) steel pipe (18"-80"), Submerged Arc Welded (SAW) spiral steel pipe (24"-60"), square pipe (150*150-400*400), etc.

Specification:

Compliant Standard : API、ASTM A53、JIS、CNS、BS
 Design and Manufacture : Slitter, Cutter, Un-coiler, Leveler, Trimmer, Forming Mill, Pipe Roller, HF Welder, MF Annealer, Test Machine, Flying Cutter, Hydrostatic Tester, Facer, Sizer, Threading, Roller, PE Coating Equipment, Galvanizing Equipment, etc.

● **Square Pipe-Introduction:** Mainly used in: building, athletic field, airfield, bridge, and factory structural steel pipe. The constant innovation and change have pushed us to the limits, and even produce the large-scale square pipe with dimension more than 200mm.

Dimension	Thicknes	Length	Compliant Standard	Certification
38x38~ 300x300mm	1.5m/m~ 12.7m/m	4M~15M	JIS,CNS, ASTM A500	JIS,CNS, ASTM A500

● **Electric Resistance Welded (ERW) Steel Pipe:** Mainly used in: Inland and seabed oil and gas pipe, pressure vessel, Petrochemical/Powerplant pressure pipe, firefighting pipe, city water pipe; building, athletic field, airfield, bridge, factory structural pipe.

	Dimension	Thicknes	Length	Compliant Standard	Certification
Carbon Steel Pipe	38x38~ 300x300mm	1.5m/m~ 12.7m/m	4M~15M	JIS,CNS, ASTM A500	JIS,CNS, ASTM A500
Galvanized Steel Pipe	1/2"~16"	1.5m/m~ 12.7m/m	4M~15M	API 5L,5CT ASTM A53,CNS JIS,AS 11630	API 5L,5CT ASTM A53,CNS JIS,AS 11630
PE Coating Steel Pipe	38x38~ 300x300mm	1.5m/m~ 12.7m/m	4M~15M	JIS,CNS, ASTM A500	JIS,CNS, ASTM A500

ERW Steel Pipe Series



Introduction: U-Rib is one of the critical materials used in steel structural bridge. Previously, U-rib is welded by couple of sectional steel plates, and delivered to customer for further welding with the disadvantage of higher cost. FEMCO Welded Pipes and Tubings Division forms the U-rib directly from coil, takes the advantage of cost efficiency, lower price, as well as superior quality.

Specification:

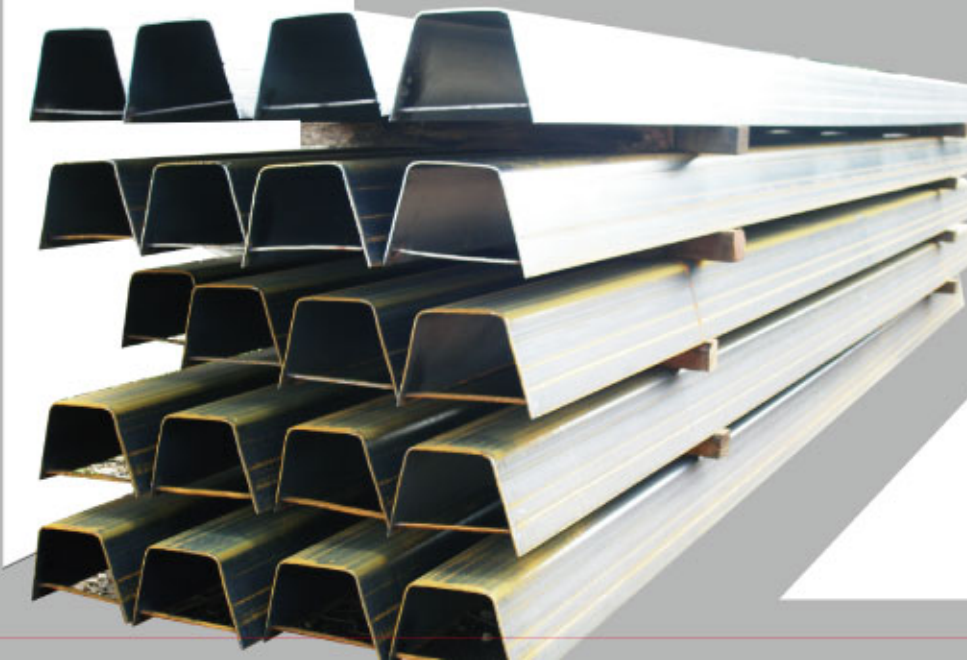
Width/Height can be designed according to customer's actual requirement to maximize the satisfaction of construction.

Thicknes 6.0t~12.0t

Length 6M~15M

Reference List: EXPY64 Hsin-Dian to Ba-Li, Taichung Life Circle Road System, Kaohsiung Houjing river bridge, Taipei She-Zi bridge, Tainan Housheng bridge, Tainan Jen-Li bridge.

U-Rib Series



SAW Steel Pipe Series

In 1974, FEMCO produced the extra large spiral pipe for the extension construction work of Suao Harbor with 60in in diameter, and 16mm in thickness. This has not only demonstrated Taiwan's technical expertise, but also highlighted the extraordinary achievements of Far East Machinery Co. Ltd.

Longitudinal Seam Pipe-Introduction:

Inland and seabed oil and gas pipe, pressure vessel, Petrochemical / Power plant pressure pipe, factory intake pipe, firefighting pipe, city water pipe; building or athletic field structural pipe, dock pile, bridge pier pile, weir, water pipe bridge.

	Dimension	Thicknes	Length	Compliant Standard	Certification
JCO Steel Pipe	16"以上	6M-20M	4M~15M	API 5L,5CT ASTM,CNS JIS,AS	API 5L,5CT ASTM,CNS JIS,AS
BEND ROLL Steel Pipe	26"	6.0m/m~ 45m/m	6M-18M	API 5L,5CT ASTM,CNS JIS,AS	API 5L,5CT ASTM,CNS JIS,AS

Spiral Steel Pipe:

Inland and seabed oil and gas pipe, dock pile, bridge pier pile, weir, water pipe bridge.

Dimension	Thicknes	Length	Compliant Standard	Certification
24"-80"	6m/m~16m/m	最長可達 120 feet (36公尺)	JIS,CNS,ASTM	JIS,CNS,ASTM



Engineering and Construction was established in 1975, and it had participated in different kinds of National public constructions, private tender projects and investment projects in the past 30 years.

Engineering Construction has undertaken a lot of CPC and Taiwan Power Company tenders such as petrol-chemical equipment, spherical tank, tower tank, refrigerated storage tanks, pressure vessel, piping and equipment construction of thermal power and nuclear plant, steel structure and parking facility, Cold/Hot oil pressure equipment, Refuse Incineration Plant, piping construction of petrol-chemical, manufacture for bridge Launching Gantry, manufacture and installation of environmental protection , military defense equipment, manufacture for transportation vehicle of special purpose, etc..

For those constructions which are belongs to Taiwan Power Company, it was commenced from Lonci Hydro-Power Plant which was undertook by FEMCO in 1984. At that time, FEMCO started to involve the construction of hydro-power plant , and with its 20 years experience and technique, FEMCO had obtained the excellent reputation from Taiwan Power Company especially in the mechanical and electrical construction of hydro-power plant. Besides, FEMCO had plentiful completion certificates and experiences in environmental protection, piping construction, waste recycling center, piping of natural gas pipe and etc.



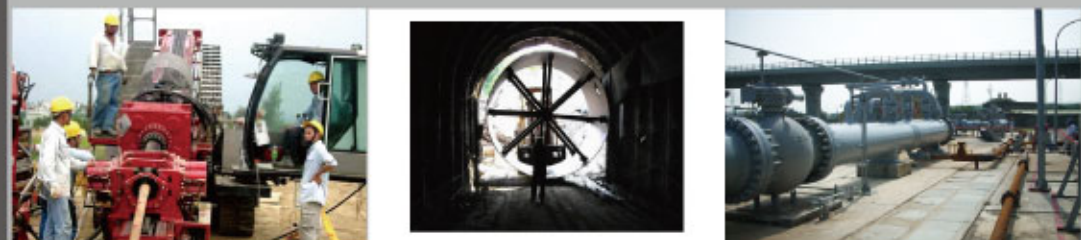
PRODUCT AND SERVICE

Environmental Protection Electrical Equipment Plant

Refuse Incineration Plant Turnkey Project, Refuse and ash crane system project, Combustion system project, Boiler system project, Flue gas cleaning system project, Boiler feed water treatment system project, Steam turbine system project, Air-cooled system project, etc..



Piping Construction Turnkey Project



Natural Gas pipeline Turnkey Project, Plant piping project, Power Plant piping project



Hydro-power Electrical Equipment

Power Plant Electrical equipment Turnkey Project, Generator Construction Project, Turbine Construction Project, Spiral Shell Construction Project, Main Valve Construction Project, Draft tube Construction Project, Crane Construction System Project, Auxiliary Equipment Construction Project.

Petro-chemical Plant Equipment Construction



Refrigerated Storage Tanks Manufacture Project, Spherical Tank Manufacture Project, Pressure Vessel Manufacture Project.



Rail Electrical Overhaul Equipment

Automatic Cleaning System Project, Mobile Lifting Jack Units Equipment Project, Lube oil Equipment System Project, oil extraction system project, Compressed Air System Project, Air Pollution Control Equipment Project, Charger Equipment Project, Water Supply System Project, Air-Conditioner Cleaning System Project, Crane Maintenance Project, Advance Work Vehicle.





FATEK TECHNOLOGY



About FATEK Technology

Established in 1990, originally FATEK was the machinery department of Far East Machinery Company (FEMCO). Nowadays FATEK is an affiliated company with FEMCO group. Focusing on machine innovation and assembly, innovating versatile machining center, and auto feeding system, FATEK therefore occupies a space in global market. With innovative technology and strong R&D capability, FATEK has extended the products line and stepped into various new business fields. In the beginning, FATEK cooperated with Mitsubishi electric (Japan), Sharp (Japan) and Mitsubishi Heavy Industries (Japan) to manufacture CX.VX serials linear cutter and SK serials rotary machine. Later, FATEK started to develop lathe and boring & milling machine on itself own.

In 1999, FATEK officially launched its own brand FEMCO and has started to market and promote CNC lathe, horizontal boring & milling machine, vertical lathe and wheel turning lathe in international market. With abundant experiences in working closely with several top manufacturers in the world, FATEK always has strong attention to quality assurance. In January 2006, our insistence in strict quality assurance enabled us to get ISO 9001 Certification.

FATEK is dedicated in continuous innovation and development for new technology. This spirit enables FATEK to be the winner in "Taiwan Machine Tools Industry Award for Excellent in Research and Innovation" competition in Taipei International Tool Machine Show (TIMTOS). The prizes FATEK won includes:

- WHL-55SP earned Award of Eminence in NC lathe category in 2003
- HL-25DM earned Grand Champion Award in NC lathe category in 2005
- WWL-F24A earned Supreme Excellence Award in NC machine tools category, and BMC-FT2 earned Award in Machining Center category in 2007
- BMC-250T earned Supreme Excellence Award in NC machine tools category in 2009

With the success of our products, we believe that we will continue to provide variety of products and satisfactions to our customers. FATEK's professionalism in technology and manufacturing experiences for years in machinery industry allow us to provide superior services to our customers. With continuous innovation and technology development, the quality and reliability of our products and services can therefore be ensured.



PRODUCT AND SERVICE



CNC HORIZONTAL BORING & MILLING MACHINE

- BMC-110R1 / R2 / R3
- BMC-110R1 APC
- BMC-135R / 135T
- BMC-110T2 / T3 / T4 / P
- BMC-110FT2 / FT3 / FT4
- BMC-250T



CNC VERTICAL LATHE

- VL-12 / VL-12M
- VL-25 / VL-25M

CNC MACHINE CENTERS

- VMC-1260 / 1365
- VMC-1680 / 2210
- F5X-630
- F5X-630L



CNC VERTICAL WHEEL TURNING LATHE

- WHL-55
- WHL-55SP
- WHD-68
- WHL-68SP

CNC HORIZONTAL WHEEL TURNING LATHE

- WVL-F24
- WVL-F24A
- WVD-F24A



CNC HORIZONTAL LATHE

- HL-25N / HL-25D
- HL-25DM / HL-25DMS
- HL-35 / HL-35D / HL-35DM
- HL-35DMSY
- HL-45(1000/1500)
- HL-55S(1250/2000/2500)





FEMCO STEEL TECHNOLOGY



About FEMCO Steel Technology

FEMCO Steel Technology (FST), set up in 2003. FST's main product is golf shafts, including manufactures, designs, markets, and OEM steel golf shafts to top golf club original equipment manufacturers and distributors worldwide. Our share of the worldwide steel golf shaft market positions us as the world's second largest steel golf shaft manufacturer by volume. FST is not only a top supplier of commercial grade steel shafts to many of the top OEM golf club assemblers in China, but also a top supplier of premium grade steel shafts to the top golf club OEM companies and distributors, including Callaway, Cleveland, Mizuno, Nike, Ping, TaylorMade and Titleist.

In 2006 the company decided to launch its own branded products, as part of the effort that would legitimize our company as a reliable and quality steel shaft supplier and also act as a way to develop market penetration into the premium steel shaft market. After a couple of years of research, design, and development, FST officially launched its KBS and FST steel shaft product lines in January of 2008 at the annual PGA Merchandise Show, which is the largest golf industry trade show in the world. Products that carry the KBS name are marketed as the company's top-of-the-line high-end steel shafts, exhibiting very tight tolerances and specifications that utilize our proprietary MOI based designs and manufacturing processes. KBS products are now being played by professional golfers on all professional golf tours around the world. KBS shafts deliver a number of tournament victories every year.

FST provides the highest quality products and has the most cost effective steel shaft manufacturing and production model within the industry. This provides us with a distinct pricing advantage over our competition. Constant innovation in our manufacturing know how and development of new product lines are critical in maintaining our leadership within this field and ensuring the standard and achieving our ideals effectively.



PRODUCT AND SERVICE

▶ KBS Hi-Rev

The KBS Hi-Rev is designed to impart ball spin and preferred ball control. The weight was enhanced and the special KBS tour shaft configuration was kept by extending the tip length. This design will provide players significant KBS solid feel and excellent performance in game.



▶ KBS Tour / KBS Tour 90

Designed for better players, the KBS Tour shaft was engineered with 'moment of inertia analysis' to increase stability from 'grip to club head' to enhance the results of well-executed swings. KBS Tour shaft delivers optimum stability resulting in efficient energy transfer from the player's hands to the clubhead.



▶ KBS Hybrid

Hybrid clubs are a favorite option for trouble lies and for distances where fairway woods and long irons are problematic, but only the KBS Hybrid shaft gives you high performance in hybrid clubs along with the feel and stability of advanced steel technology.



▶ KBS Wedge

One of the industry's only steel wedge shaft engineered with 'moment of inertia analysis,' the KBS wedge provides increase stability and enhanced feel. Beautiful black nickel finish also reduces glare, maximizing your focus for critical short game shots.



▶ KBS C-Taper

Inspired from Tour player feedback, the KBS C-Taper shaft is offered standard in our signature Satin Brushed finish. Designed to complement the KBS Tour shaft, the all-new KBS C-Taper design is specially modified through the taper and tip section to produce a lower trajectory and reduced ball spin without sacrificing the signature feel and distance gains players enjoy from KBS.



FST

FST shaft designers understand the varieties of shaft fitting challenges with today's amateur golfers. These three FST models provide the greatest opportunities for club builders and club fitters. These shafts are offered in combination flex configurations such as S/X and A/R for great custom flex and ball flight options, not to mention less inventory.



FST PRO

FST Pro models are offered to the skilled players looking for lower ball flight and consistent performance. Each of the shafts in the series incorporates a tip-stiff flex profile providing a solid feel and undistorted feedback from the club head at impact.



FST Hi-Rev

The FST Hi-Rev is designed to perform harmoniously with the heavier and more lofted heads to impart ball spin and preferred ball flight. Club fitters can select from three flexes and two tip configurations.

THE PATENT / CERTIFICATION



Recognized by American Petroleum Institute and granted to use API monogram.

"National Awards of Excellence" was earned in 1995 by CNC lathe products and in 2004 by Wheel machining products.



American Patent



Taiwan Patent



China Patent

RECENT ACCOLADES



2003 TIMTOS SECOND PRIZE



WHL-55SP



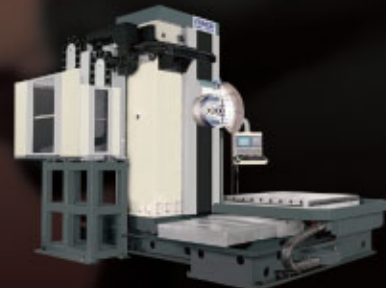
2005 TIMTOS FIRST PRIZE



HL-25DM



2007 TIMTOS SECOND PRIZE



BMC-110FT2



2007 TIMTOS EXCELLENT PRIZE



WVL-F24A



2009 TIMTOS EXCELLENT PRIZE



BMC-250T