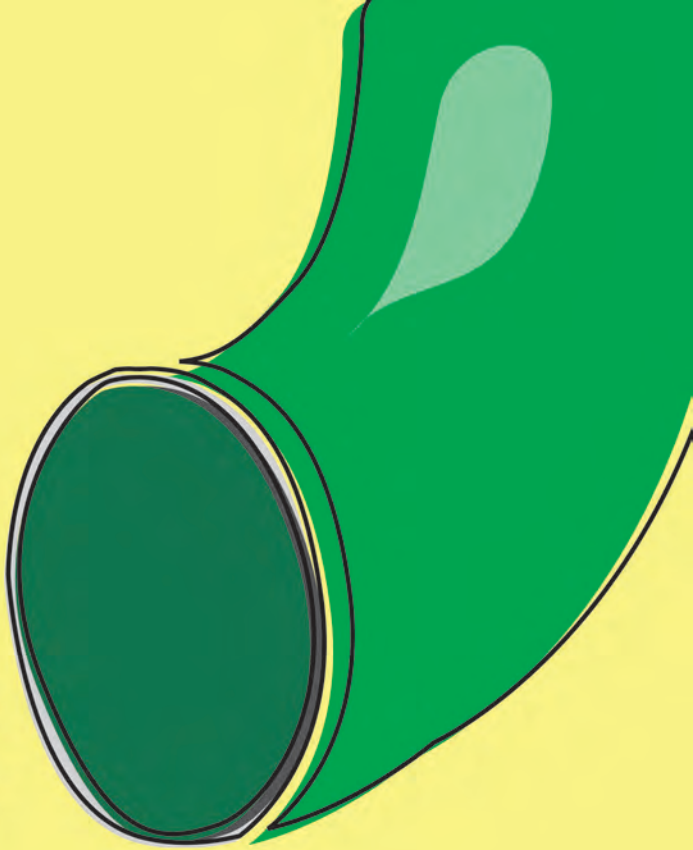
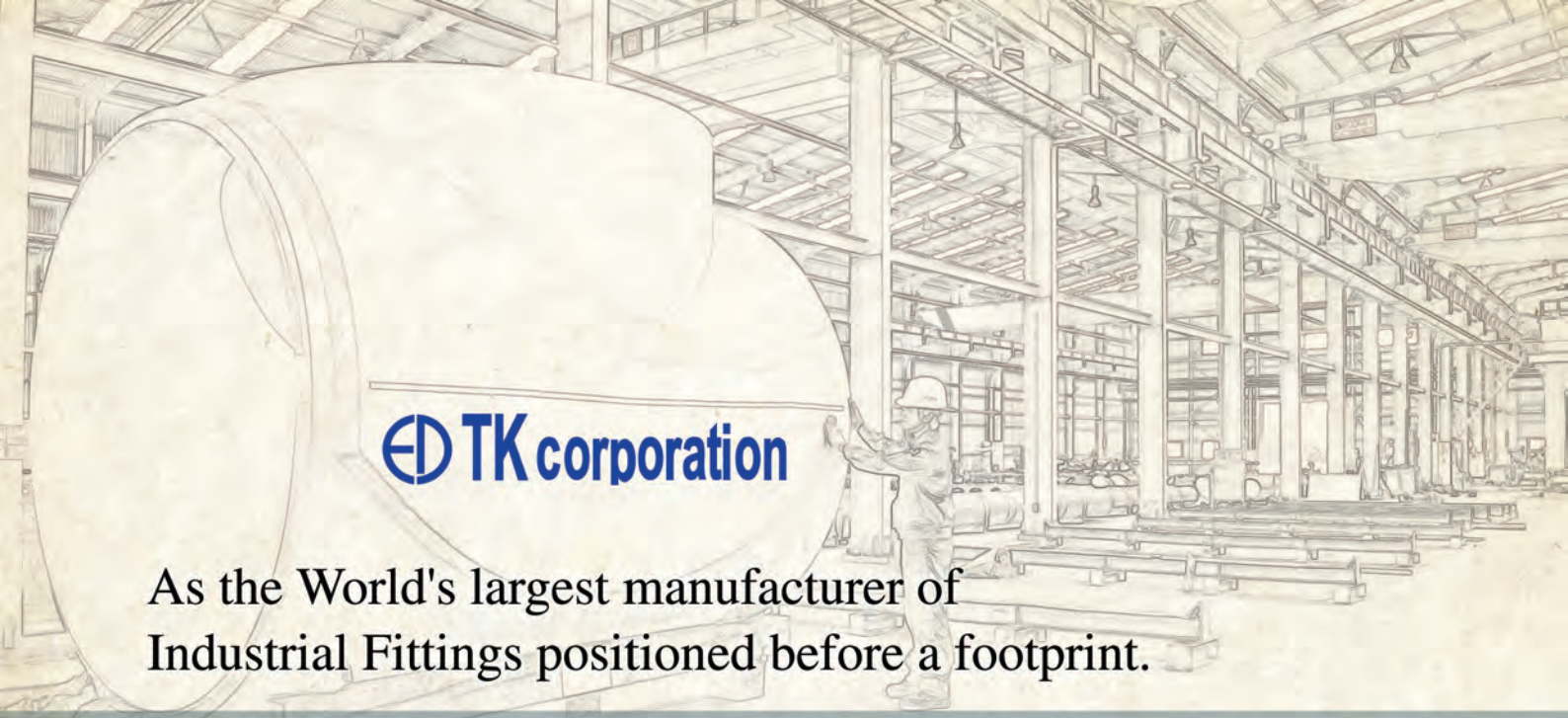
BUTT WELD PIPE FITTINGS



TK corporation



TK corporation

As the World's largest manufacturer of Industrial Fittings positioned before a footprint.

HISTORY

2000 ~

TK Present

2013	10	3rd Factory completion (HwaJeon Industrial Complex, Busan)
2010	07	Acquired ISO 14001: Certificate
	01	Acquired Certification of Leading Company of Industry by Busan
2010	10	2nd Factory completion (HwaJeon Industrial Complex, Busan)
2009	10	2009 Busan City selected as Excellent Enterprise
	06	Acquired OHSAS 18001 Certificate / Acquired Korean KOSDAQ Grand prize by Ministry of Knowledge Economy Quality Management Excellence Award by Busan
	03	Achievement Award by Korea Association of Machine Industry (KOAMI)
2008	12	Awarded Korean World-class Product of Fittings for plants (Ministry of Knowledge Economy)
	11	Selected as Asia's 200 Best Under A Billion by Forbes
2007	12	Acquired Certificate of Leading Company of Industry by Busan
	11	Selected as Asia's 200 Best Under A Billion by Forbes
2003	03	Inauguration of CEO, S.D.Yoon
2002	10	Awarded Best Company of Component & Material by Ministry of Commerce, Industry and Energy
	06	Acquired Certificate of JIS(Japanese Industrial Standards) (JIS B 2311, 2312, 2313)
2001	05	Moved Factory to Noksan Industrial, Complex Busan (Head office & 1st factory)
	03	Company name change to TK Corporation
2000	11	Awarded Grand Prize for Industrial Peace with Labor Union by Busan
	10	Awarded Excellent Company of New Labor-Relationship by Ministry of Labor

1990 ~ 1999

Growth

1998	11	Acquired Certificate of API MONOGRAM LICENSE (6A-0481)
	10	Acquired ISO 9001 Certificate
1997	05	Acquired ISO 9002 Certificate
	06	Acquired Korea Electric Power Corporate (KEPIC) certificate (MN-079)
	07	Awarded Excellent Company of Labor-Relationship by Ministry of Labor
1994	03	Listed in KOSDAQ (Korea Securities Dealers Automated Quotations) (023160 KS EQUITY)
1992	09	Acquired Certificate of ASME NPT (American Society of Mechanical Engineers) (N-2870)
1991	07	Quality Management Leading Company by Industrial Advancement Administration
	01	Established R&D Department

1980 ~ 1989

Upswing

1985	08	Moved to Shinpyeong, Janglim Industrial Complex
1984	11	Company name & Trade Mark registration to Patent Office / Awarded Prime Ministry Prize in Quality Management
	10	Awarded Busan Mayor Prize in Quality Management
	03	Certified by BV
1981	10	Certified by Korea Industrial Standard (KS)
	03	Certified by KR

1965 ~ 1977

Founding

1977	06	Certified by DNV
1975	02	Company name change to Taekwang Bend Industry Company
1973	07	Moved to Sasang Industrial Complex
1965	05	Established "Taekwang Bend Co., Ltd." as the first Butt Weld Pipe Fitting Manufacturer in Korea

CEO's greeting

TK Corporation CEO | Sung Duk Yoon

Dear valuable customer,

TK was established in 1965 and started as a Butt Weld Pipe Fittings manufacturing company from the beginning. TK has grown up rapidly to be a global fitting supplier based on strong financial structure, large volume of inventory/stock, biggest manufacturing facilities, accumulated technologies and experiences.

We have supplied our products to the world wide major customers' comprehensive industrial area such as Oil & Gas, Chemical & Petrochemical, Water treatment, Nuclear & Power Plant, Offshore platform & Shipbuilding. Our products are applicable for any kinds of severe operating condition such as high pressure and high temperature or cryogenic condition.

I am always doing my best to bring up TK to be the world's leading company through drastic investment and R & D activities in the belief that the best quality is the solid bastion of business survival and customers satisfaction.

In the future, TK will provide more value to the customers based on my customer-first policy & quality-first policy.

Sincerely yours,

Sung Duk Yoon
President & CEO

VISION

For the World Leading Company with the best technology and quality

Connecting the World
Connecting the Future

Capital
Anticipative Risk Management

Material Stock Management
- Material Stock Management to assure stable supply

Sales Credit Management
- Continuous Sales Credit Management by special task force.

Cash Flow Management
- Financial Soundness and on time Investment Activity.

TK corporation
The World's Best Fitting Manufacturer

Technology
New technology Introduction

Market
Diversification of Customer

Expansion of market to Power generation and desalination plant
- 14%(2010)
- 30%(2015)

The pipe extrude machine operation
- Seamless Pipe(18"~36")
- Supply raw material (seamless pipe)

Special Material, Special work classification product development
- Reinforcing leadership in the market.

Developing New Customers
- Overseas 138 companies & Domestic 70 companies(2009)
- Overseas 168 companies & Domestic 88 companies(2010)

Customer subdivision by region and application
- 7 overseas sales team for global customers.
- Overseas sales office in Houston, USA.
- Global Network of dealers and master distributors.

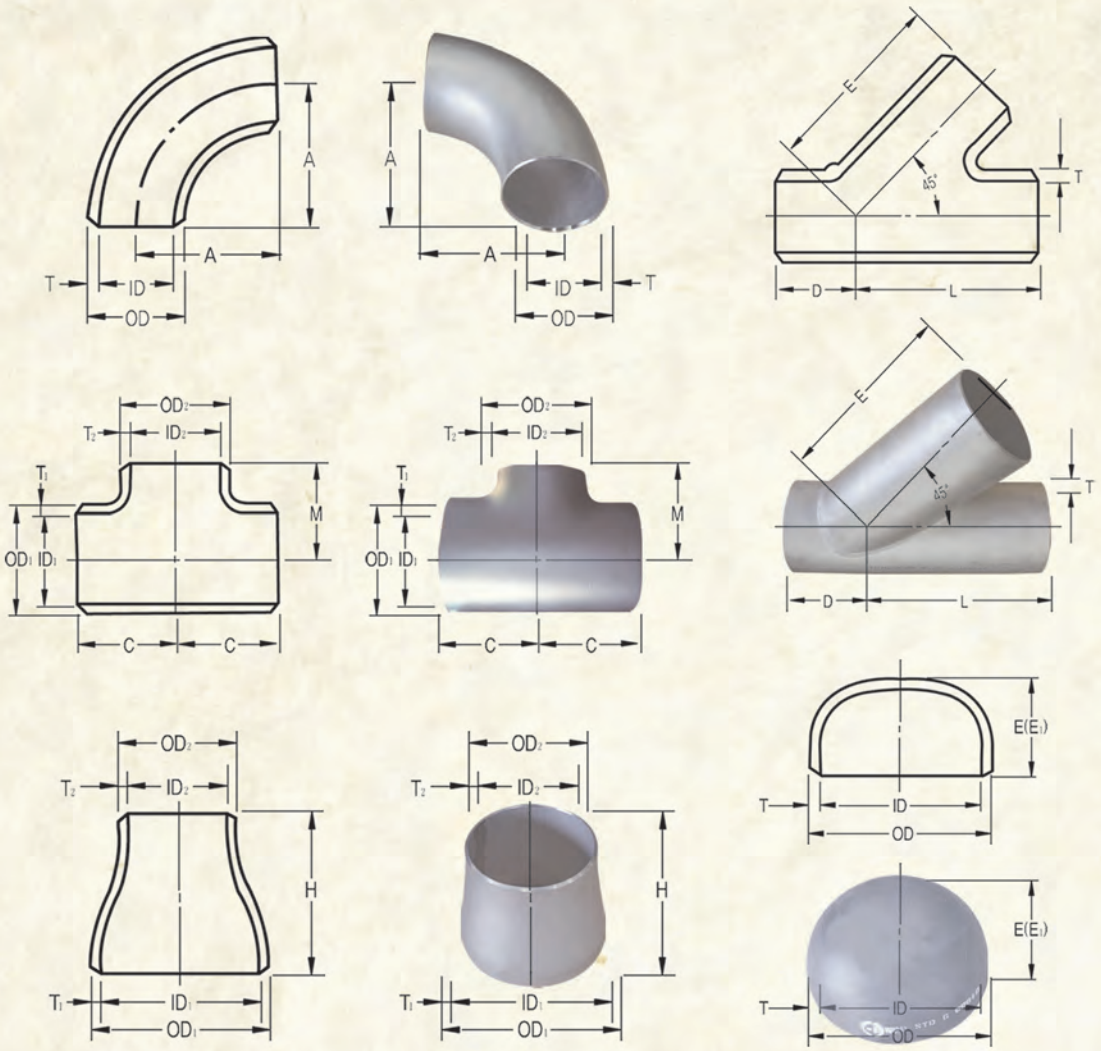
Perfect Quality & Delivery Management
- Operation of TPS system and Internal ERP & POP system.

TK Corporation
MAIN PRODUCTS

Butt Weld Pipe Fittings
(Wrought Steel including various high alloy and Stainless Steel)

High Pressure Fittings and Flanges
(Carbon Steel, Alloy Steel and Stainless Steel)

Forged Steel Fittings
(Socket-welding type and threaded type)



MATERIAL

Applicable material for pipe fittings & seamless pipes

Delivered Plant	Ferrous Material							
	Carbon & Alloy Steel (A234)							
	WPB	WPL6	WP1	WP11	WP22	WP5	WP9	WP91
Oil & Gas	O	O		O	O	O		
Chemical & Petrochemical	O	O	O	O	O	O	O	
Shipbuilding & LNG Carrier	O	O		O	O	O	O	
Power Plant	O		O	O	O	O	O	O
Nuclear Power Plant	O			O	O			
Onshore & Offshore	O	O						

Delivered Plant	Ferrous Material							
	Stainless Steel							
	Austenitic Grade						Ferritic-Austenitic Grade	
	WP304 304L	WP316 316L	WP317 317L	WP321 321H	WP347 347H	S31254 (6Mo)	A815UNS S31803	A815 UNS S32760 UNS S32750
Oil & Gas	O	O		O	O	O	O	O
Chemical & Petrochemical	O	O	O	O	O	O	O	O
Shipbuilding & LNG Carrier	O	O	O			O	O	O
Power Plant	O	O	O	O	O	O	O	O
Nuclear Power Plant	O	O			O			
Onshore & Offshore		O				O	O	O

Delivered Plant	Non-ferrous Material						
	Special Alloy						
	Copper Alloy (70600)	Titanium (ASTM B337)	Aluminium (ASTM B361)	Nickel Alloy			Hastelloy
				N04400 (MONEL)	N06625 (INCONEL)	N08825 (INCOLOY)	B366-WPHC276
Oil & Gas					O	O	
Chemical & Petrochemical	O	O		O	O		O
Shipbuilding & LNG Carrier	O	O	O		O	O	
Power Plant					O	O	
Nuclear Power Plant				O			
Onshore & Offshore		O			O		O

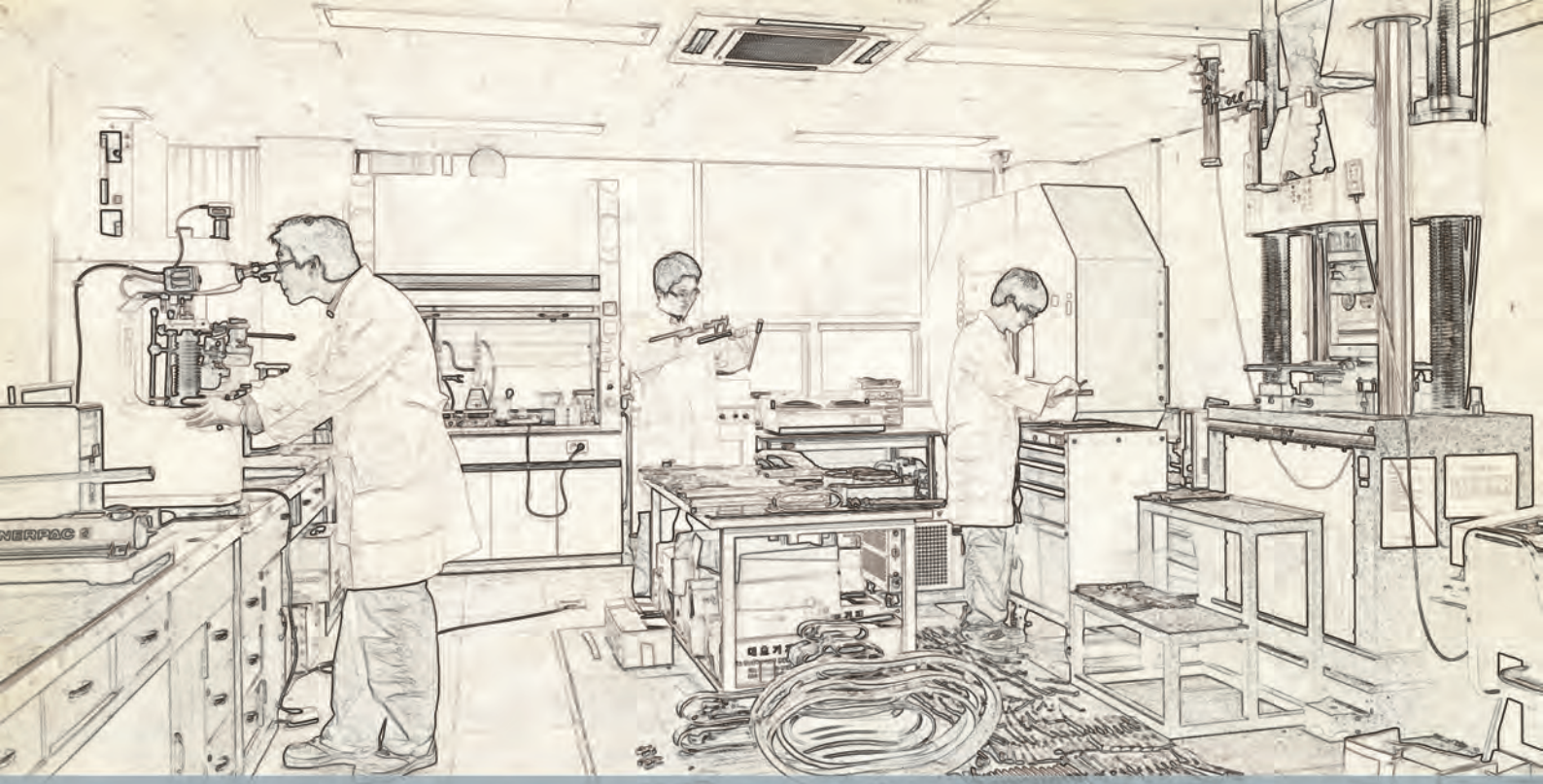
Statoil-TR2000 NORSOK M-650 Ed.4 Qualified and Accepted Manufacturers

CAPACITY

TK's three large factories are fully equipped and accumulating knowhow and technologies.

TK can supply extensive product range from 1/2″ to 158″ for Elbows, Tees, Reducers, Stub-Ends and Caps using Seamless Pipes, Steel Plates and Forgings.

Item	Production Range (Max., Inch)		Capacity (yearly)
	Mold Type	Welded Type	Metric Tons
Elbow	96″	158″	110,000
Tee	84″	158″	37,000
Reducer	48″	158″	13,000
Cap	132″	158″	1,800
Flange	~ 80″		5,200
Forged Fittings	~ 4″		1,800
Outlets	~ 36″		950
Stub-Ends	~ 10″ : Seamless Over 10″ : Welded		250
Seamless Pipe	18″ ~ 36″		5,000



Quality Management

TK will lead related industries through
Advanced technology development and aggressive investment.

Quality Management Representive

Quality Assurance

- Quality Manual Control
- Quality System Certification / Maintenance
- Quality procedure Preparation / Control
- Quality Assurance Audits
- Supplier Evaluation / Audits
- Quality Records Control
- Education & Training
- Quality Trend Analysis
- Customer AVL Registration
- Corrective Action & Preventive Action

Quality Control

- Raw Material Receiving Inspection
- In-process Inspection
- Welding Inspection
- Nondestructive Examination
- Final Inspection
- Customer Witness Inspection
- Supplier Quality Control
- Chemical Analysis & Mechanical Properties Test
- Calibration Control
- Nonconformance Control
- Other Evaluation/Test

HSE

The company also actively supports the guiding principles of the international HSE related regulations.

TK keeps tracking and chasing all of the necessary Standards and regulations for HSE to secure its product and service quality. The company also actively supports the guiding principles of the international HSE related regulations.

In addition to compliance with regulatory requirements, the company pursues the following objectives :

TK seeks to conduct its activities in such a way as to prevent harm to the health of its employees and other stakeholders through Human Resource Management System and regular medical check up.

HSE

TK is in compliance with the **HSE**.

TK strives to prevent any injuries and accident at work through eliminating all of the potential safety related obstacles at its work environment and keeping our work environment clean.

TK protect the environment by preventing or minimizing the environmental impact of its activities and products through sustainable challenging to improve of our work process.

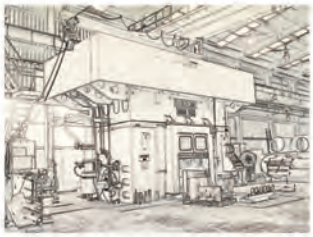
FACILITIES

TK has lots of knowhow of manufacturing to produce big size of the Fittings with various kinds of raw materials

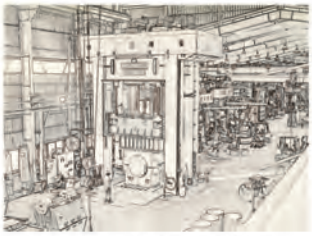
Facilities | Cold Forming

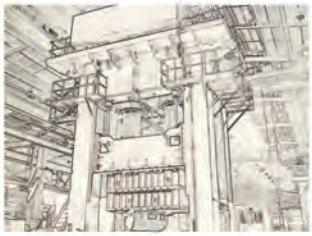
Tee Bulging Press 20,000 Ton

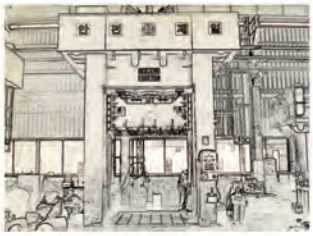
Tee Bulging Press 15,000 Ton


Tee Bulging Press 8,000 Ton

Tee Bulging Press 5,000 Ton

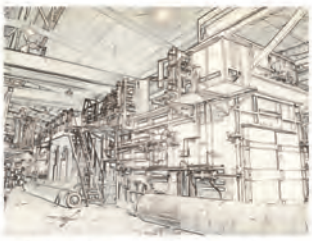

6,000 Ton Hydraulic Press

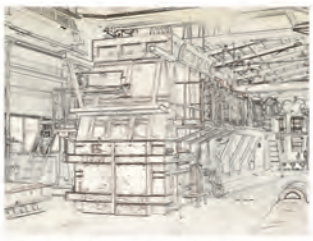

5,000 Ton Hydraulic Press


1,000 Ton Hydraulic Press

700 Ton Hydraulic Press

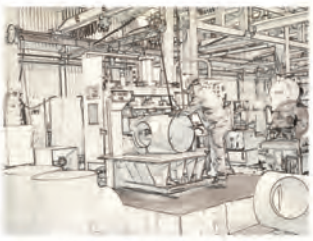
Facilities | Hot Forming


48″ Hot Forming Elbow Machine


36″ Hot Forming Elbow Machine

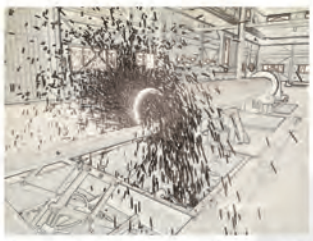
Facilities | Machining

CNC Boring Machine


Automatic Chamfering

Facilities | Pipe Extrusion

Extrusion Machine for Seamless Pipe


Seamless Pipe Automatic Chamfering

Facilities | Heat Treatment

Heat Treatment Furnace For Seamless Pipe

Facilities | Laboratory

Quality Control

CERTIFICATES

ISO, PED, API etc.

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TK is the supplier of Butt Weld Pipe Fittings with world' s largest production capacities and best technologies

TK corporation

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