

天津亿坤钢铁集团

TIANJIN EKUNSTEEL GROUP

Professional Manufacturer of Austenitic Stainless
and Duplex Steel Pipe



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COMPANY INTRODUCTION

01



I. ABOUT US

Ekunsteel focuses on the development and production of stainless steel seamless pipes. Our factory is located in Daqiuzhuang industrial area, Jinghai District, Tianjin. It closes to the Tianjin Port. factory building of 40,000 square meters, and more than 150 employees, including more than 30 technical R&D and management personnel.

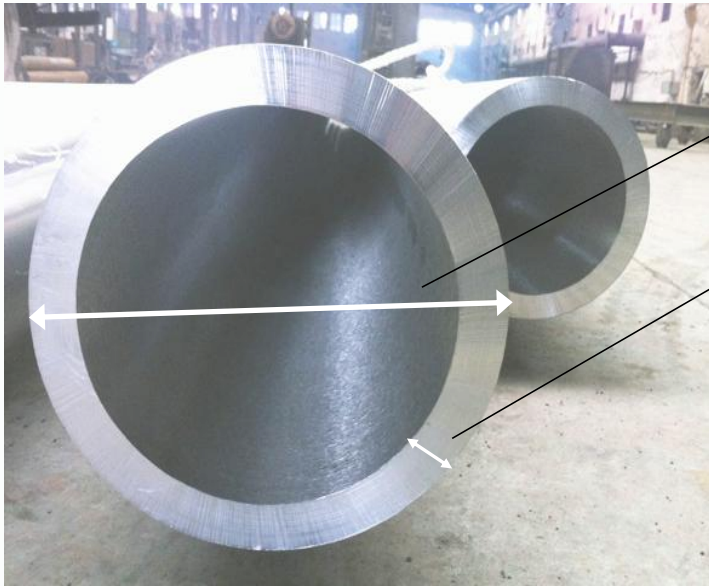
In recent years, our company has invested large amount of funds, introduced professional and technical personnel and advanced equipment, and has achieved outstanding results in the manufacture of SS SMLS steel pipes. Our company has 20 advanced assembly lines, with an annual output of about 8,000 tons of SS SMLS steel pipes of various specifications from $\Phi 6$ to $\Phi 630$ and WT 1 to 50mm.

Our products are widely used in the fields of military, petroleum, chemical, pharmaceutical, food, electric power, aerospace, marine, boiler heat exchangers etc. and passed ISO90001:2008 certification, national special equipment (pressure pipeline components) manufacturing license certificate A1, A2(1), B(2) level, TUV NORD PED+AD2000 certification etc.. Meanwhile, our company has achieved 7 national patents.

Our markets include the US, Japan, South Korea, Brazil, Russia, India etc., almost all over the world.



II. SPECIFICATION RANGE OF SUPPLY



- ◆ OD: 6-630mm
- ◆ WT: 1-50mm
- ◆ Length: single straight pipe 20 meters maximumly



III. SOURCE OF RAW MATERIAL

Domestic

From well-known manufacturers such as

Taiyuan Iron and Steel



Yongxing Special Steel,



Walsin Lihwa ,



...

Overseas

For example

Sandvik,



Outokumpu,



...



IV. STEEL GRADES

Duplex stainless steel

S31803 | S32205 | S32750 | S32760

Austenitic stainless steel

S30408/30403 | 30468 | S31608/31603 | S31703
S347H | S30903 | S31003 | S31408 | S32168
N08904 | 1.4462 | 1.4307 | 1.4301 | 1.4404

Ferritic stainless steel

TP410 | TP446-2 | 06Cr13 | 1Cr13

Nickel Alloy steel

Monel 400 | inconel 600 | 625
incoloy 800/HT | 825 | 718



V. MANUFACTURING STANDARDS

EU

EN 10216-5

DIN

DIN 17456 | DIN 17458

JIS

JIS G3459 | JIS G3463

ASTM

ASTM A312 | A213 | A269 | A511

A789 | A790 | A268

GB

GB/T 14975 | GB/T 14976 | GB/T 13296

GB/T 5310 | GB/T 9948



VI. MANUFACTURING EQUIPMENT LIST

No.	Equipment Name	Quantity (sets)	No.	Equipment Name	Quantity (sets)
1	28 inch drawing machine chain type	1	12	Continuous natural gas furnace	2
2	16 inch drawing machine chain type	1	13	Vertical straightening machine(273mm-630mm)	1
3	12 inch drawing machine chain type	1	14	Vertical straightening machine(89mm-273mm)	1
4	6 inch drawing machine chain type	5	15	Vertical straightening machine(42mm-76mm)	4
5	4 inch drawing machine chain type	2	16	Precision vertical straightening machine(6mm-32mm)	1
6	Hydraulic cold drawing machine 800#	1	17	Pickling tank(14 meters)	4
7	Hydraulic cold drawing machine 300#	1	18	Pickling tank(20 meters)	1
8	Cold rolling 60#	4	19	Hot pool	1
9	Cold rolling 20#	6	20	Acid mist treatment tower	1
10	Cold rolling 15#	4	21	Sewage treatment equipment	1
11	Electric furnace	1			

VII. INSPECTION EQUIPMENT LIST

No.	Equipment Name	Quantity(sets)
1	Eddy current machine	2
2	Ultrasonic testing machine	1
3	Spectrometer	1
4	Metallographic analysis instrument	1
5	PMI	1
6	Hardness tester	1
7	Ultrasonic thickness gauge	5
8	Mechanical universal testing machine	2
9	Carbon and sulfur analyzer	1
10	hydraulic testing machine	2
11	Impact tester	1



WORKSHOP & EQUIPMENT

02





OFFICE BUILDING





PRODUCTION WORKSHOP & EQUIPMENTS





Hydraulic cold drawing machine (150 tons)



300 tons



800 tons

Hydraulic cold drawing machine (300 tons & 800 tons)





Chain cold drawing machine
(OD : 6 - 630mm, WT: 1-50mm)





Cold rolling machine



**Natural gas annealing furnace
(Automatic temperature control)**





**Natural gas annealing furnace
(Automatic temperature control)**





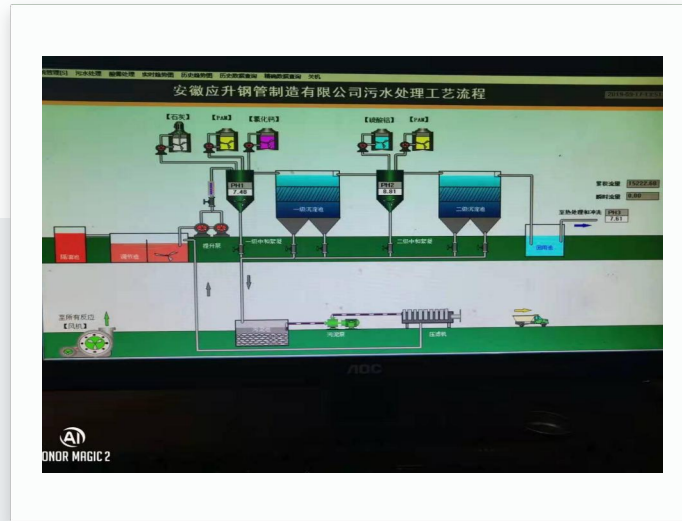
Cutting, shot blasting, polishing, grinding





Straightening machine

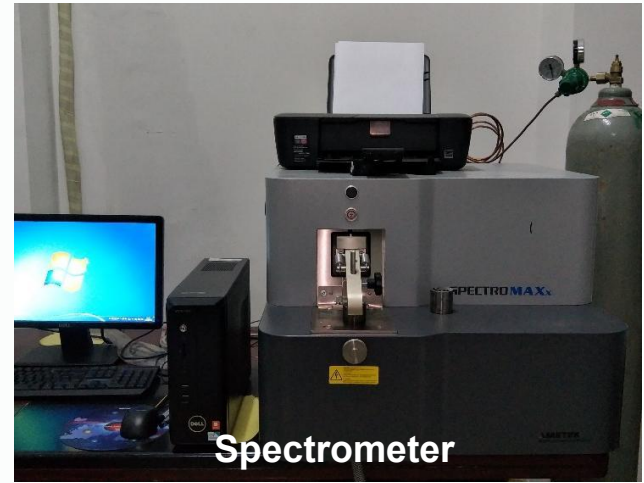




Sewage treatment equipment



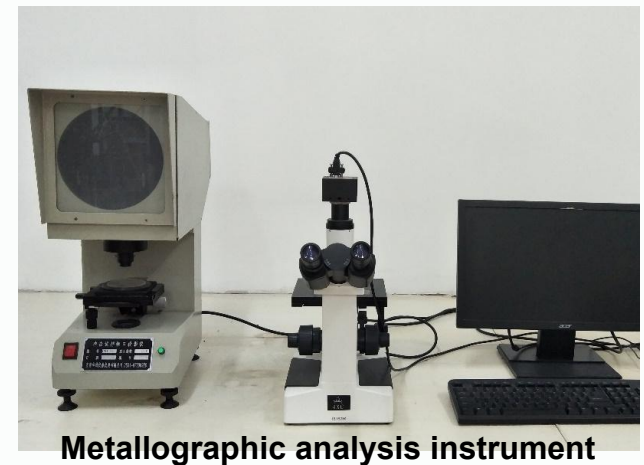
Eddy current



Spectrometer



Mechanical universal testing machine



Metallographic analysis instrument

Inspection equipment -1





PMI



Hardness tester



Impact tester



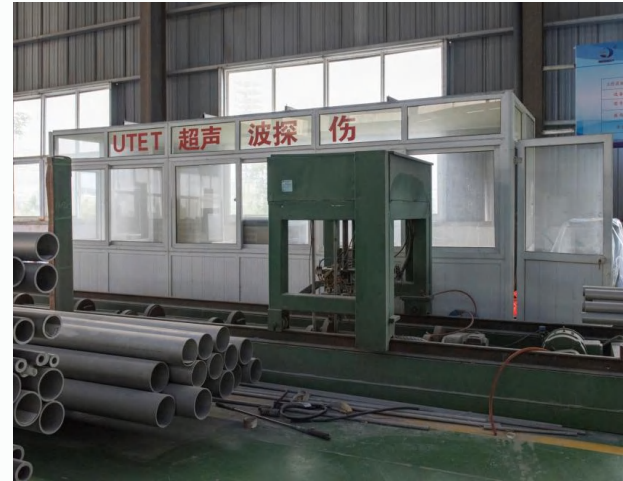
Test sample

Inspection equipment - 2





Hydraulic testing machine



Ultrasonic testing machine



Inspection equipment - 3





Finished product workshop





THANK
YOU !