

## Professional technical team

- Professors
- Engineers
- Researchers

## Reliable quality assurance system

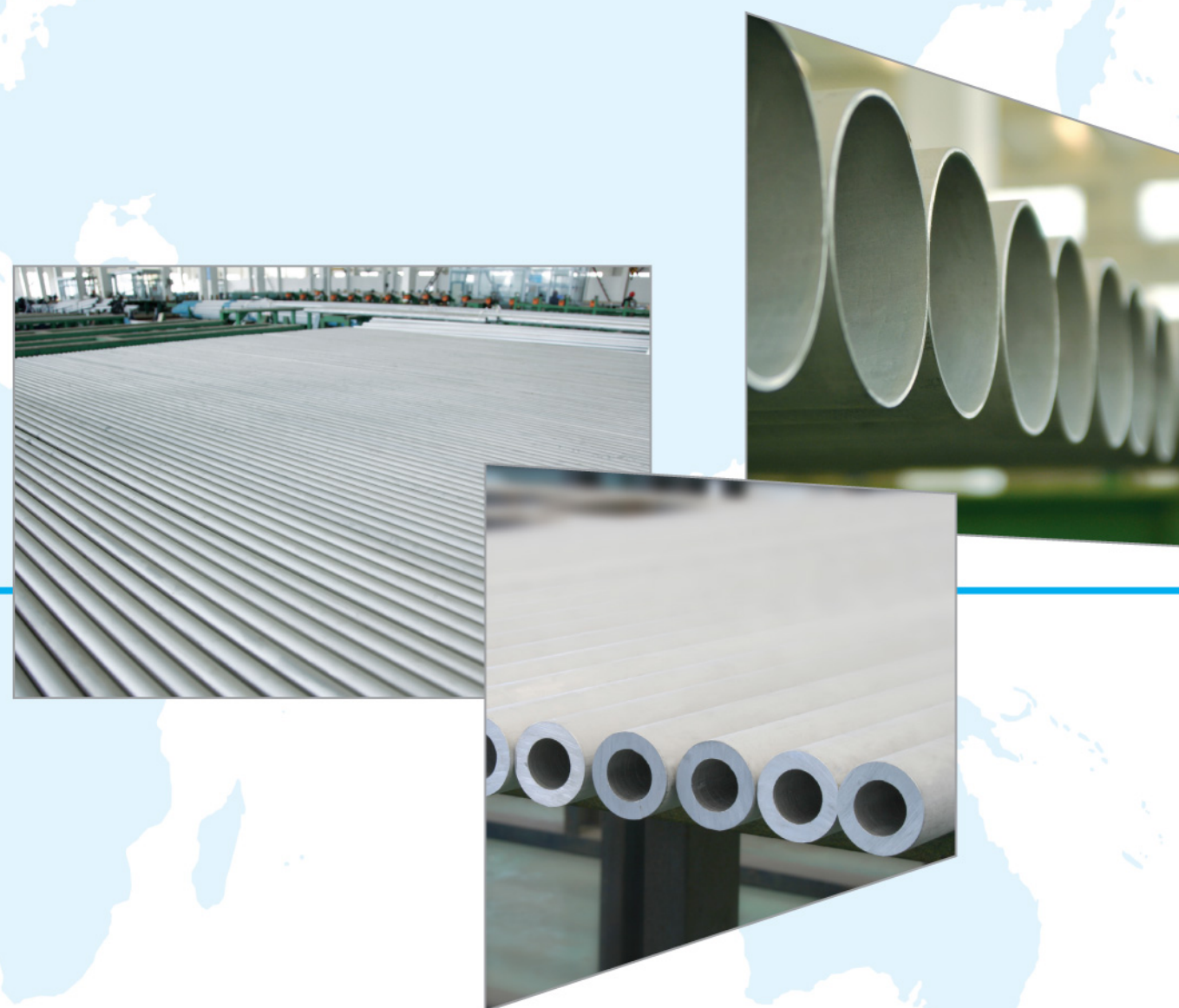
- Raw material inspections , process inspections , final inspections

## Perfect after-sale service

- Non-interrupted service all the time, excellent customer relationship management to meet customers' real-time requirements.

## Leading position

- Leader in steel tube & pipe industry
- Base on the domestic market and exploit the international markets







## Brief introduction

Jiangsu Wujin Stainless Steel Pipe Group Co.,Ltd. is one of the largest stainless steel tubes & pipes manufacturers in China. This technical document describes related information such as application, grades, sizes, processes and so on.



# Application

Our tubes & pipes have been widely used in Petroleum, Petrochemical, Chemical Industry, Power Plant, Nuclear Plant, Shipping Industry and so on. They are exported to more than 10 countries and areas such as Europe , America, East Asia, Southeast Asia, Middle East and so on.

### Oil, nature gas and petrochemical

- Petroleum cracking
- Furnace tube
- Fluid transport
- Material transport
- Heat exchanger



### Power plant

- Superheater
- Heat-exchanger
- Reheater



### Automotive



### Nuclear plant



### Shipping industry



### Water industry

- Water preparation, storage,
- transportation, purify,
- regeneration, seawater desalt

### Environment protection

- Exhaust gas, rubbish and sewage treatment



### Paper manufacturing



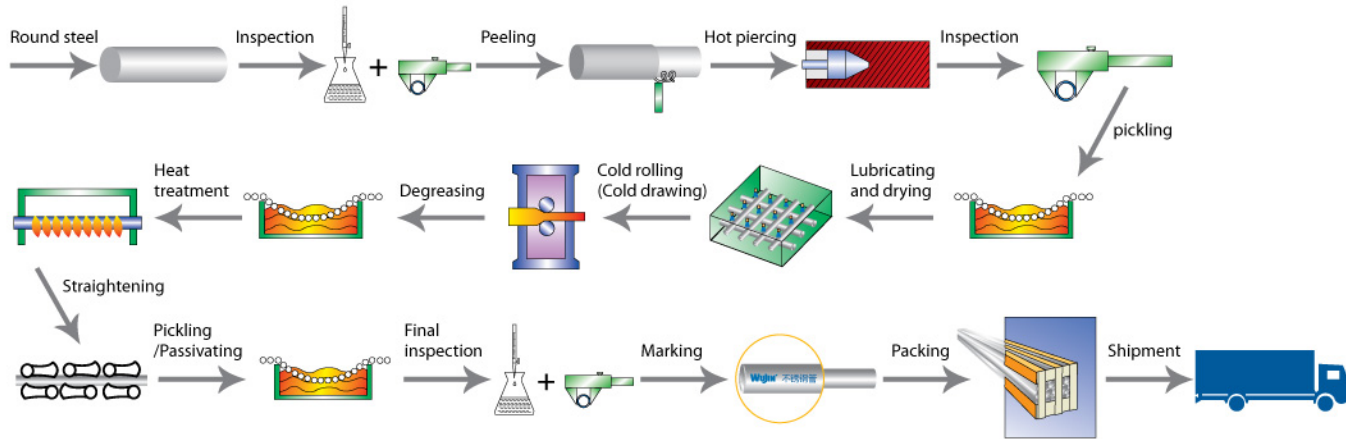
### Chemical industry, Fertilizer production, Chemical fiber



# Processes

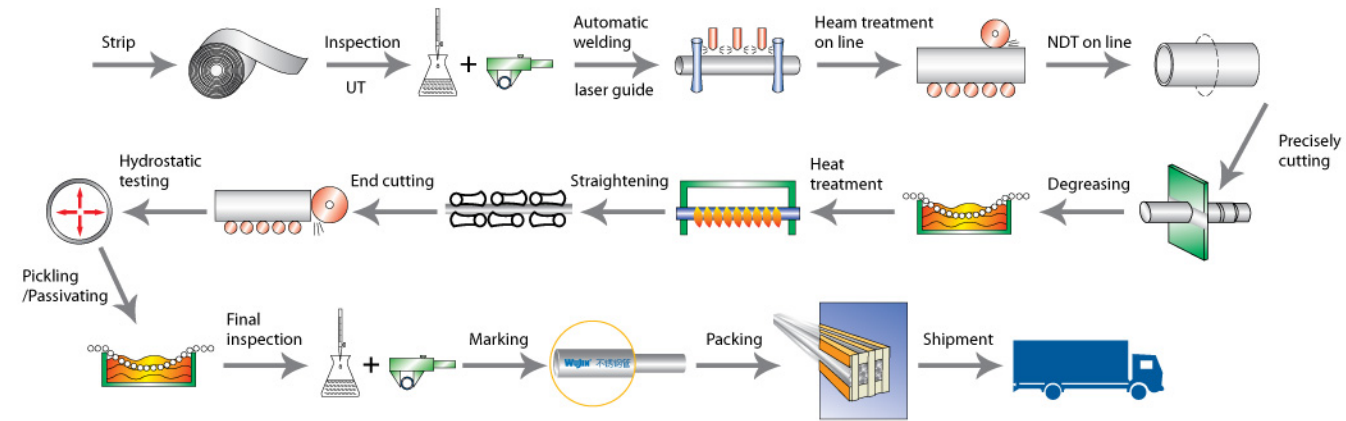
# Stainless steel grades

## Production processes of seamless steel tubes and pipes

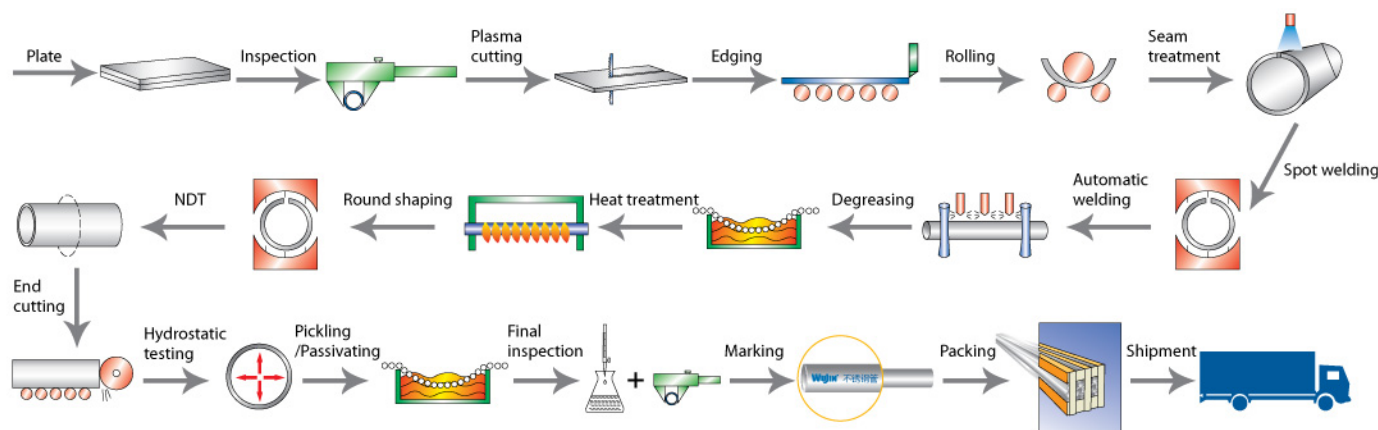


## Production processes of welded steel tubes and pipes

• If OD is not larger than 762mm and WT is not greater than 26mm, welded steel tubes and pipes can be manufactured by the automatic welding set.



## • UOE processes



Standard	GB			ASTM		JIS	EN
	Unifide Grade	New Grade	Old Grade				
Austenitic Stainless Steel	S30408	06Cr19Ni10	0Cr18Ni9	TP304	S30400	SUS304	X5CrNi18-10 1.4301
	S30403	022 Cr19Ni10	00Cr19Ni10	TP304L	S30403	SUS304L	X2CrNi19-11 1.4306
	S30409	07Cr19Ni10	—	TP304H	S30409	SUS304H	X6CrNi18-10 1.4948
	—	10Cr18Ni9NbCu3BN	—	—	S30432	—	—
	S31008	06Cr25Ni20	0Cr25Ni20	TP310S	S31008	SUS310S	X6CrNi25-20 1.4951
	—	07Cr25Ni21NbN	—	TP310HCbN	S31042	—	—
	S31252	015Cr20Ni18Mo6CuN	—	—	S31254	—	X1CrNiMoN20-18-7 1.4547
	S31608	06Cr17Ni12Mo2	0Cr17Ni12Mo2	TP316	S31600	SUS316	X5CrNiMo17-12-2 1.4401
	S31603	022Cr17Ni12Mo2	00Cr17Ni14Mo2	TP316L	S31603	SUS316L	X2CrNiMo17-12-2 1.4404
	S31609	07Cr17Ni12Mo2	1Cr17Ni12Mo2	TP316H	S31609	—	X3CrNiMo17-13-3 1.4436
	S31668	06Cr17Ni12Mo2Ti	0Cr18Ni12Mo3Ti	TP316Ti	S31635	SUS316Ti	X6CrNiMoTi17-12-2 1.4571
	S31782	015Cr21Ni26Mo5Cu2	—	904L	N08904	—	—
	S31708	06Cr19Ni13Mo3	0Cr19Ni13Mo3	TP317	S31700	SUS317	—
	S31703	022Cr19Ni13Mo3	00Cr19Ni13Mo3	TP317L	S31703	SUS317L	X2CrNiMo18-15-4 1.4438
	S32168	06Cr18Ni11Ti	0Cr18Ni10Ti	TP321	S32100	SUS321	X6CrNiTi18-10 1.4541
	S32169	07Cr19Ni11Ti	1Cr18Ni11Ti	TP321H	S32109	SUS321H	—
	S34778	06Cr18Ni11Nb	0Cr18Ni11Nb	TP347	S34700	SUS347	X6CrNiNb18-10 1.4550
	S34779	07Cr18Ni11Nb	1Cr19Ni11Nb	TP347H	S34709	SUS347H	X7CrNiNb18-10 1.4912
	—	08Cr18Ni11NbFG	—	TP347HFG	S34710	—	—
	S38240	16Cr20Ni14Si2	1Cr20Ni14Si2	—	—	—	X15CrNiSi20-12 1.4828
—	—	00Cr14Ni14Si4	—	—	—	—	
Duplex Stainless Steel	—	06Cr26Ni4Mo2	0Cr26Ni5Mo2	—	S32900	SUS329J1L	—
	S22253	022Cr22Ni5Mo3N	—	—	S31803	SUS329J3L	X2CrNiMoN22-5-3 1.4462
	S22053	022Cr23Ni5Mo3N	—	—	S32205(2205)	—	—
	S25073	022Cr25Ni7Mo4N	—	—	S32250(2507)	—	X2CrNiMoN25-7-4 1.4410
S21953	022Cr19Ni5Mo3Si2N	00Cr18Ni5Mo3Si2	—	S31500	3RE60	—	

# Size

## 1. Seamless steel tubes and pipes

● Specifications: OD 6 ~ 762mm, WT 0.5 ~ 70.0mm

OD (mm)	WT (mm)	OD (mm)	WT (mm)
6	0.5-1.5	83	2.5-25
8	0.5-2.0	89	
10	0.8-3.0	95	
12		102	
14	0.8-4	108	3.0-32
16		114	
17		127	
18	0.9-7.0	133	
19		140	
20		146	
21		152	
22		159	
24		168	
25	1.0-8.0	180	
27		194	
30	1.3-8	219	3.5-50
32	1.5-10	245	
34		273	
35		325	
38		351	
40		356	4.5-50
42	2.0-11	377	
45	2.0-15	406	5-55
48		426	
51		450	7.0-60
54		457	
57		480	
60		508	
63	530	9.0-70	
68	558		
70	610		
73	660		
76	762		

● The products which sizes are not mentioned above can be manufactured under negotiation.

## 2. Welded Stainless Steel Pipes

● Specifications: OD 15 ~ 2200mm, WT 0.5 ~ 80.0mm

① The sizes of welded steel tubes by automatic welding:

OD (mm)	WT (mm)	OD (mm)	WT (mm)
15	0.5-1.2	89(88.9)	1.5-4
16	0.5-1.5	108	2-4
19		114.3	
20	0.5-2	133	
22		139.7	
25.4		159	
26.9	1-2	168.3	2-5
32	1.5-2.5	219.1	2-8
33.4		273	3-8
35		325	3-10
38		356	3-12
40		406	4-14
42	1.5-3	457	4-16
45		508	4-20
48		610	5-26
50.8		711	
57		762	
60.3			
76			

② The sizes of welded steel pipes by UOE welding:

OD (mm)	WT (mm)	OD (mm)	WT (mm)
139.7	2-4	914	6-45
159	2-8	920	
168		1016	6-55
180	3-10	1020	
219	3-16	1118	
273	3-20	1219	
325	3-25	1321	8-60
355.6		1422	
377		1524	10-80
406.4		1626	
426	1727		
457	3-30	1829	
480		1930	
508	4-35	2030	10-80
530		2080	
610		2130	
630		2180	
711	5-40	2200	
720			
813			
820			

● The products which sizes are not mentioned above can be manufactured under negotiation.



# Qualification Certificates

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Technical Document



NEVER RUSTING



- ABS Certificate
- KR Certificate
- RINA Certificate
- BV Certificate
- DNV Certificate
- PED Certificate
- Manufacture License of Special Equipment
- ISO 9001:2008
- CCS Certificate
- GL Certificate
- ISO 14001:2004
- OHSAS 18001:2007
- SA 8000:2008
- API Certificate