

Introduction of YYS

Area of Plant	Total 13,364m²
Main Product	Hot Rolled Stainless Steel Plate No.1 Finished 304 304H 304L 316L
	Trading: Stainless Steel Sheet/ Stainless Steel Coil/Flat Bar
	* Other steel grade, please contact with sales department

YYS HISTORY

1996 JAN	YYS was Established on January 29, 1996 with Capital of NTD 80.08 million.
1997 OCT	Construction of the Plant I was completed in Yong An Industrial Park.
1998 JUL	Construction of the Plant II was completed.
2000 DEC	Certified by ISO-9002:1994 and ISO-14001:1996.
2003 DEC	Certified by ISO-9001:2000 and ISO-14001:1996.
2006 JUL	Public Listed on OTC, Capital increased to NTD 564 million.
2009 MAY	Certified by TUV ISO 9001:2015 and PED/AD2000-W0/W2/W10 EU PED 97/23/EC.
2010 JAN	Certified by Det Norske Veritas (DNV) NV304L/NV316L Metallic materials of ship.
2011 AUG	Capital increased to NTD 902.2026 million.
2018 APR	Certified by TUV ISO 9001:2015 & PED/AD2000-W0/W2/W10 EU PED 2014/68/EU Annex I, 4.3.
2018 DEC	Certified by SGS ISO-14001:2015.
2020 DEC	Heat Solid Solution Furnace No. A was upgraded to Regenerative combustion system which effectively decreases 40% nature gas consumption and reduce CO2 emission.
2021 APR	The subsidiary Yeou Yih International (YYI) in collaboration with Yeou Yih Steel (YYS) Manufacturing Factory, certified by JQA JIS MARK for hot-rolled stainless steel plates under JIS G4304 standard.
2022 DEC	Enhancing the Homogenization Capability of Stainless Steel Thick Plates through the Completion of the Ministry of Economic Affairs' Technology Research and Development Project.



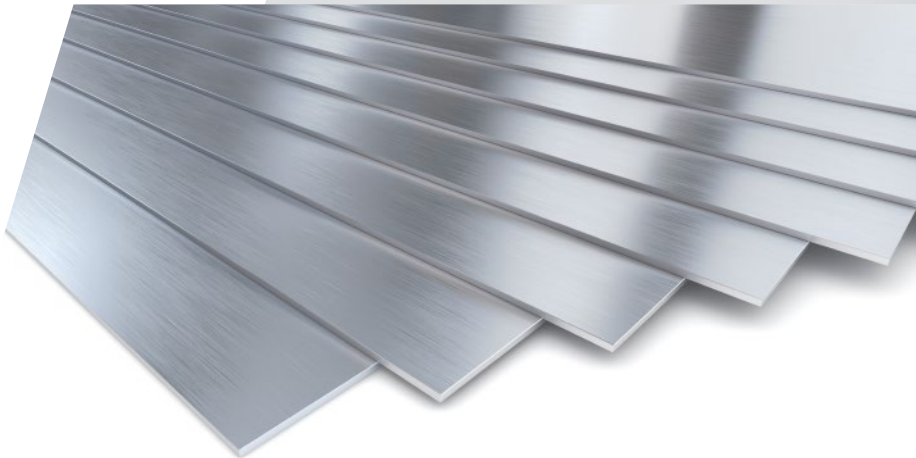
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No.1
Stainless
Steel Plate

Taiwan's only specialized producer
of stainless steel plate

SINCE 1996

Introduction of Product

Product	Hot Rolled Stainless Steel Plate 304、304H、304L、316L
Finish Surface	NO.1 Finished The surface is finished by heat treatment and pickling or processes corresponding thereto after hot rolling
Thickness	8mm ~ 60mm
Width	1000mm, 1219mm, 1500mm, 1524mm, 2000mm, 2438mm
Length	2000mm, 2438mm, 3048mm, 3658mm, 4000mm, 4876mm, 6096mm
Specification	America: ASTM A240、ASME SA240 Japan: JIS G4304 Europe: EN10088-2、CPR EN10088-4、EN10028-7 Ship: DNV

Please contact with sales department if you have special requirement

Certification



Jet Line-Marking

America ASTM A240 YYSASTM A240 304 NO.1 AU10100 < == > 10 X 1524 X 6096 HEAT NO.261116	America ASTM A240 (INCH) YYSASTM A240 304 NO.1 AU10100 < == > 0.375 X 60 X 240 INCH HEAT NO. 261116
Japan JIS G4304 YYSJIS G4304 SUS 304 NO.1 AU10100 < == > 10 X 1524 X 6096 HEAT NO.261116	Europe EN10028-7 YYSEN10028-7 1.4301+1D AU10100 EN10204 3.1 < == > 10 X 1524 X 6096 ISO18286 HEAT NO.261116

Manufacturing Process



Chemical Composition															Mechanical Property						
	Specification		Type	Steel Grade	Chemical Composition (%)										Mechanical Property						
					C Max.	Si Max.	Mn Max.	P Max.	S Max.	CR	Ni	Mo	N Max.	Cu Max.	Others	Tensile Stress (Min.)	0.2% Y.S. (Min.)	1% Y.S. (Min.)	Elongation (Min.)	HRB Hardness (Max.)	Impact KV J Min.
AMERICA	ASTM A240	⊙	304	S30400	0.08	0.75	2.00	0.045	0.030	18.0~20.0	8.0~11.0		0.10			75 Ksi / 515 MPa	30 Ksi / 205 MPa		40%	92	
		⊙	304L	S30403	0.03	0.75	2.00	0.045	0.030	18.0~20.0	8.0~12.0		0.10			70 Ksi / 485 MPa	25 Ksi / 170 MPa		40%	92	
		○	304H	S30409	0.04~0.10	0.75	2.00	0.045	0.030	18.0~20.0	8.0~10.5					75 Ksi / 515 MPa	30 Ksi / 205 MPa		40%	92	
		○	316	S31600	0.08	0.75	2.00	0.045	0.030	16.0~18.0	10.0~14.0	2.00~3.00	0.10			75 Ksi / 515 MPa	30 Ksi / 205 MPa		40%	95	
		⊙	316L	S31603	0.03	0.75	2.00	0.045	0.030	16.0~18.0	10.0~14.0	2.00~3.00	0.10			70 Ksi / 485 MPa	25 Ksi / 170 MPa		40%	95	
			310S	S31008	0.08	1.50	2.00	0.045	0.030	24.0~26.0	19.0~22.0					75 Ksi / 515 MPa	30 Ksi / 205 MPa		40%	95	
			321	S32100	0.08	0.75	2.00	0.045	0.030	17.0~19.0	9.0~12.0		0.10		Ti:Min.5*(C+N) Max. 0.07	75 Ksi / 515 MPa	30 Ksi / 205 MPa		40%	95	
JAPAN	JIS G4304	○	SUS 304	SUS304	0.08	1.00	2.00	0.045	0.030	18.00~20.00	8.00~10.50					520 N / mm2	205 N / mm2		40%	90	
			SUS 304L	SUS304L	0.03	1.00	2.00	0.045	0.030	18.00~20.00	9.00~13.00					480 N / mm2	175 N / mm2		40%	90	
			SUS 316	SUS316	0.08	1.00	2.00	0.045	0.030	16.00~18.00	10.00~14.00	2.00~3.00				520 N / mm2	205 N / mm2		40%	90	
			SUS 316L	SUS316L	0.03	1.00	2.00	0.045	0.030	16.00~18.00	12.00~15.00	2.00~3.00				480 N / mm2	175 N / mm2		40%	90	
			SUS 310S	SUS310S	0.08	1.50	2.00	0.045	0.030	24.00~26.00	19.00~22.00					520 N / mm2	205 N / mm2		40%	90	
			SUS 321	SUS321	0.08	1.00	2.00	0.045	0.030	17.00~19.00	9.00~13.00				Ti: Min. 5*C%	520 N / mm2	205 N / mm2		40%	90	
EUROPE	EN10088-2 EN10028-7	○	X5CrNi18-10	1.4301(304)	0.07	1.00	2.00	0.045	0.015	17.5~19.5	8.0~10.5		0.10			540~720 MPa	230 MPa	260 MPa	45%		60
			X2CrNi19-11	1.4306(304L)	0.030	1.00	2.00	0.045	0.015	18.0~20.0	10.0~12.0		0.10			520~700 MPa	220 MPa	250 MPa	45%		60
		○	X2CrNi18-9	1.4307(304L)	0.030	1.00	2.00	0.045	0.015	17.5~19.5	8.0~10.5		0.10			520~700 MPa	220 MPa	250 MPa	45%		60
		○	X6CrNi18-10	1.4948(304H)	0.04~0.08	1.00	2.00	0.035	0.015	17.0~19.0	8.0~11.0		0.10			530~710 MPa	230 MPa	260 MPa	45%		60
			X6CrNi25-20	1.4951(310S)	0.04~0.08	0.70	2.00	0.035	0.015	24.0~26.0	19.0~22.0		0.10			530~710 MPa	220 MPa	250 MPa	35%		60
			X5CrNiMo17-12-2	1.4401(316)	0.07	1.00	2.00	0.045	0.015	16.5~18.5	10.0~13.0	2.00~2.50	0.10			530~670 MPa	240 MPa	270 MPa	45%		60
			X2CrNiMo17-12-2	1.4404(316L)	0.030	1.00	2.00	0.045	0.015	16.5~18.5	10.0~13.0	2.00~2.50	0.10			530~670 MPa	240 MPa	270 MPa	45%		60
	X6CrNiTi18-10	1.4541(321)	0.08	1.00	2.00	0.045	0.015	17.0~19.0	9.0~12.0				Ti: (5*C)-0.70	520~700 MPa	220 MPa	250 MPa	40%		60		

⊙ : YYS Standard Production ○ : Available Production