

公司廠地面積 Area of Plant	總面積 約 4,043 坪 13,364m ² Total 13,364m ²
主要產品 Main Product	304、304H、304L、316L 等材質不銹鋼鋼板生產， 不銹鋼鋼板/鋼捲/扁鐵貿易 *其他鋼種請洽談營業部 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

公司沿革	Year-Month
1996 JAN	公司核准設立登記,資本額新台幣80,080,000元 YYS was Established on January 29, 1996 with Capital of \$80.08 Million NT Dollars.
1997 OCT	一廠建廠完成 Construction of the Plant I was completed in Yong An Industrial Park.
1998 JUL	二廠建廠完成 Construction of the Plant II was completed.
2000 DEC	通過ISO9002國際品質管理驗證及ISO14001國際環境管理系統驗證 Obtained certificate of ISO-9002:1994 and ISO-14001:1996.
2003 DEC	通過ISO9001國際品質管理驗證及ISO14001國際環境管理系統驗證 Obtained certificate of ISO-9001:2000 and ISO-14001:1996.
2006 JUL	公司股票獲准上櫃市場買賣,增資後資本額新台幣564,000,000元 Public Listed on OTC, Capital increased to NTD 564 million.
2009 MAY	取得德國TUV認證之PED/AD2000-W0/W2壓力容器材料製造商證書 Obtained certificate of TUV ISO 9001:2015 and PED/AD2000-W0/W2/W10 EU PED 97/23/EC.
2010 JAN	取得挪威DNV NV304L/NV316L造船材料工廠驗證證書 Obtained certificate of Det Norske Veritas (DNV) NV304L/NV316L Metallic materials of ship.
2011 AUG	增資後資本額新台幣902,202,600元 Capital increased to NTD 902.2026 million.
2018 APR	通過德國TUV ISO9001:2015驗證與PED/AD2000-W0/W2/W10壓力容器材料製造商證書續評 Obtained certificate of TUV ISO 9001:2015 and PED/AD2000-W0/W2/W10 EU PED 2014/68/EU Annex I, 4.3.
2018 DEC	通過英國SGS ISO14001:2015國際環境管理系統驗證 Obtained certificate of SGS ISO-14001:2015.
2020 DEC	固溶化爐 A爐升級蓄熱式燃燒器,降低40%天然氣用量並降低碳排 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	子公司有益國際股份有限公司搭配有益鋼鐵製造工廠通過JQA JIS Mark JIS G4304 熱軋不銹鋼板認證 Yeou Yih International (YI) collaborated with its parent company. Yeou Yih Steel (YYS) obtained certificate of JQA JIS Mark JIS G3404 Hot Rolled Stainless Steel Plate.
2022 DEC	完成經濟部科技研究發展專案「不銹鋼厚板熱處理均質化製程能力提升計畫」提升不銹鋼厚板均質能力 Enhancing the Homogenization Capability of Stainless Steel Thick Plates through the Completion of the Ministry of Economic Affairs' Technology Research and Development Project.



聯絡我們 CONTACT US

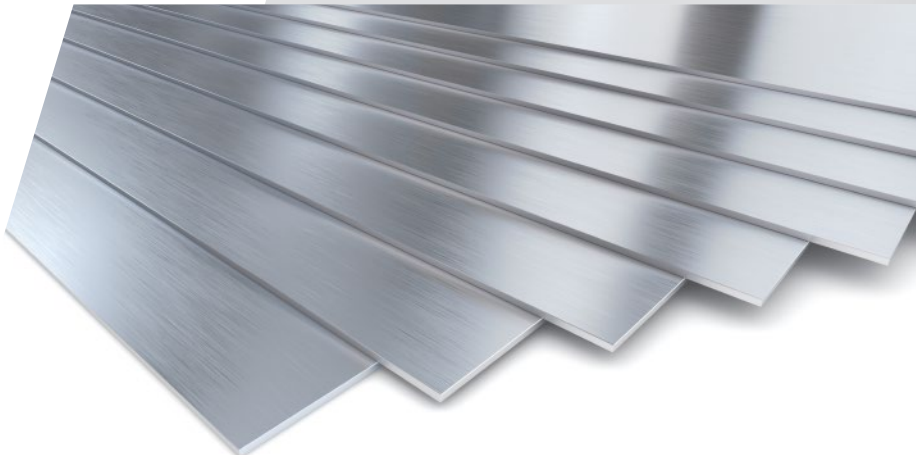
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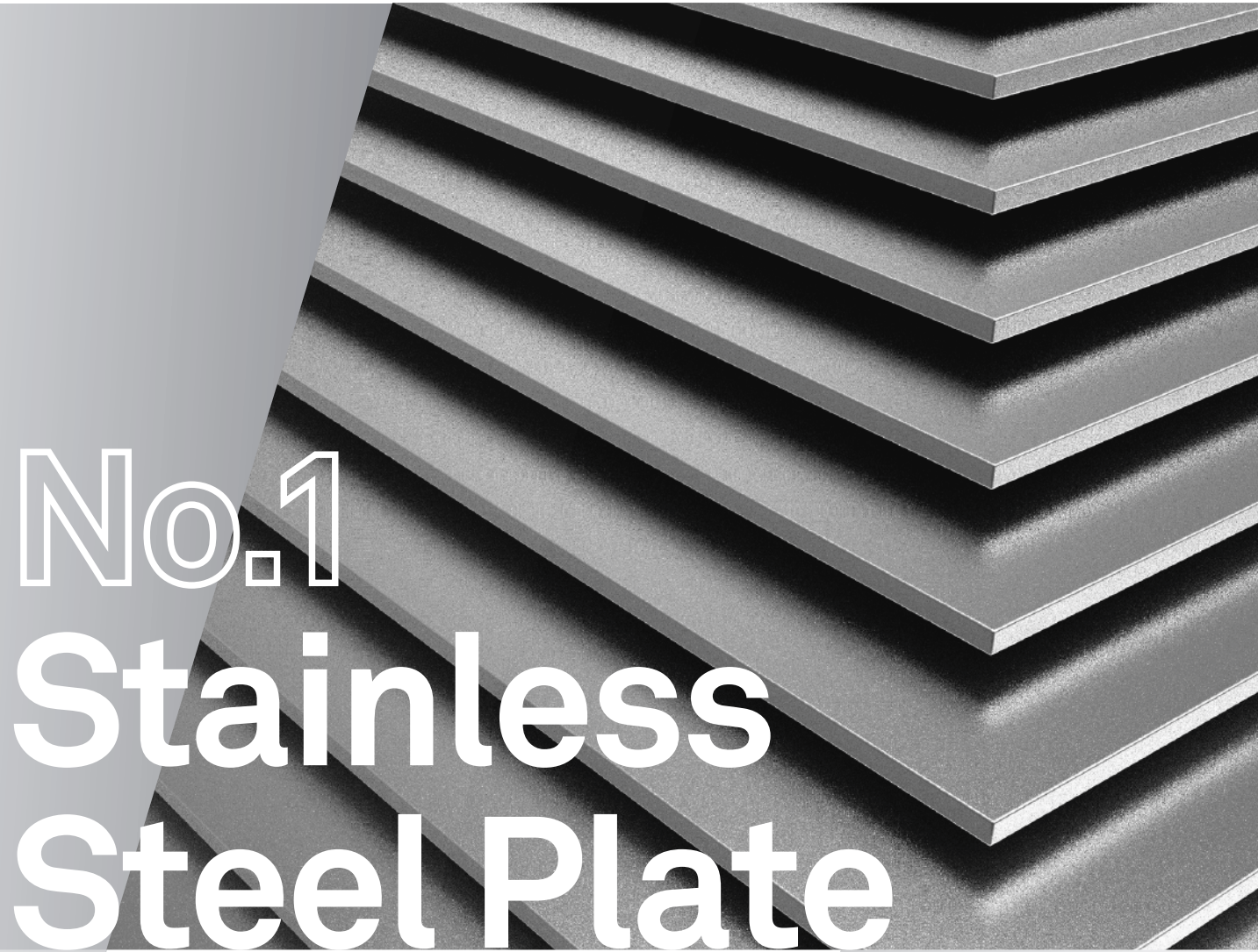


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有益鋼鐵股份有限公司
YEOU YIH STEEL CO., LTD.

SINCE 1996



No.1
Stainless
Steel Plate

不銹鋼厚板

Taiwan's only specialized producer
of stainless steel plate

產品簡介 Introduction of Product

產品名稱 Product	熱軋不銹鋼板 304、304H、304L、316L Hot Rolled Stainless Steel Plate 304、304H、304L、316L
表面品級 Finish Surface	NO.1 經過熱軋、固溶化熱處理、酸洗 NO.1 Finished The surface is finished by heat treatment and pickling or processes corresponding thereto after hot rolling
鋼板厚度 Thickness	8mm ~ 60mm
鋼板寬度 Width	1000mm, 1219mm, 1500mm 1524mm, 2000mm, 2438mm
鋼板長度 Length	2000mm, 2438mm, 3048mm, 3658mm, 4000mm, 4876mm, 6096mm
主規範 Specification	美規 / America: ASTM A240、ASME SA240 日規 / Japan: JIS G4304 歐規 / Europe: EN10088-2、CPR EN10088-4、EN10028-7 造船 / Ship: DNV

以上若有其他要求尺寸需商議
Please contact with sales department if you have special requirement

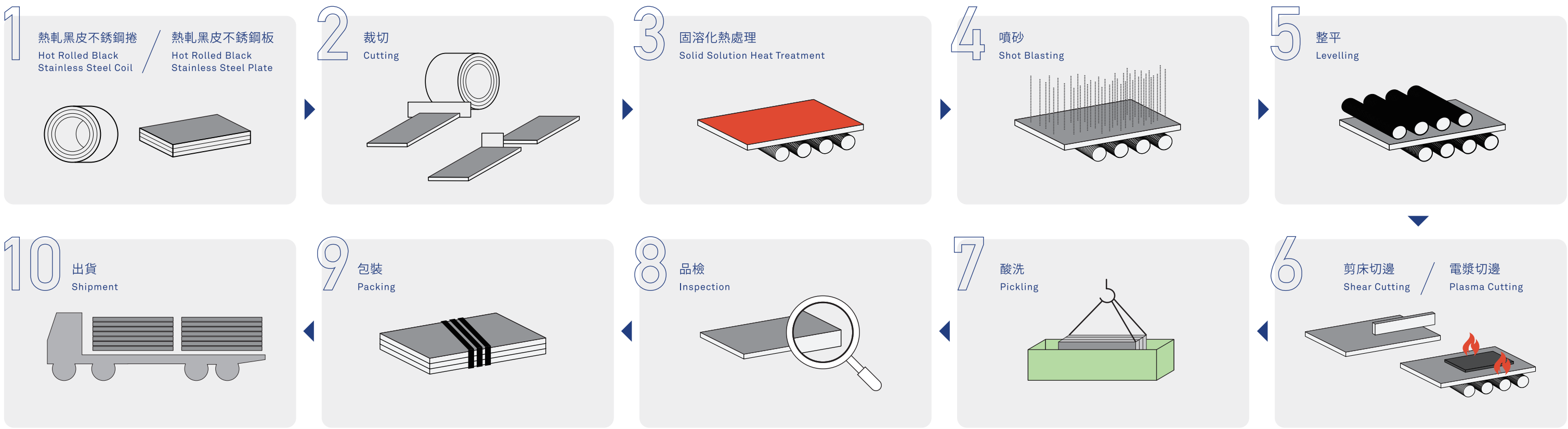
認證 Certification



板面噴字 Jet Line-Marking

有益標準噴字 美規 ASTM A240 YYS ASTM A240 304 NO.1 AU10100 < == > 10 X 1524 X 6096 HEAT NO.261116	有益標準噴字 美規 ASTM A240 (INCH) YYS ASTM A240 304 NO.1 AU10100 < == > 0.375 X 60 X 240 INCH HEAT NO. 261116
有益標準噴字 日規 JIS G4304 YYS JIS G4304 SUS 304 NO.1 AU10100 < == > 10 X 1524 X 6096 HEAT NO.261116	有益標準噴字 歐規EN10028-7 YYS EN10028-7 1.4301+1D AU10100 EN10204 3.1 < == > 10 X 1524 X 6096 ISO18286 HEAT NO.261116

生產製程 Manufacturing Process



可生產鋼種之化學成分表 Chemical Composition															可生產鋼種之機械性質表 Mechanical Property					
	規範 Specification	Type	鋼種 Steel Grade	化學成分 Chemical Composition (%)											機械性質 Mechanical Property					
				C 碳 Max.	Si 矽 Max.	Mn 錳 Max.	P 磷 Max.	S 硫 Max.	CR 鉻	Ni 鎳	Mo 鉬	N 氮 Max.	Cu 銅 Max.	Others 其他	抗拉強度 Tensile Stress (下限 Min.)	降伏強度 0.2% Y.S. (下限 Min.)	降伏強度 1% Y.S. (下限 Min.)	伸長率 Elongation (下限 Min.)	硬度 HRB Hardness (上限 Max.)	衝擊試驗 Impact KV J Min.
美規 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	
日規 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	
歐規 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	260 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

◎ : 本公司標準生產 YYS Standard Production ○ : 目前可生產 Available Production