

www.sdsinometal.com



We are specialized in flat steel products:
CR/GI/GL/PPGI/PPGL/PPCR/Tinplates etc.

山东希诺金属材料有限公司

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山东希诺金属材料有限公司
SHANDONG SINO METAL CO.,LTD

About Us

关于我们 SINO METAL

山东希诺金属材料有限公司是一家集生产与贸易于一体的大型工贸综合性企业，我们专注于涂镀产品的生产与销售，自从2005年起，我们已经逐步建立起镀锌、镀铝锌和彩涂生产线，总产量达到30余万吨。公司自成立以来，充分吸收国内外热镀锌行业的先进技术，引进了国内先进的光整机等生产设备以及国际领先的西门子电气控制设备。优异的质量也使我们的产品得到了国内外客户的广泛认可，现我公司产品已出口至非洲、欧盟、拉丁美洲、东南亚等几十个国家和地区，主要用于屋顶、墙体建筑、彩涂基板以及汽车工业等多个领域。

我们坚持以人为本科学发展的原则，不断地进行市场开拓与产品研发，为我们开发国际市场建立牢固的根基。多年来，我们脚踏实地的发展为企业的腾飞夯实了基础，我们建立起完善的企业管理体系，从生产到销售到售后服务，我们的每一个环节都有严格的质量监控。我们培养了愿意为企业发展而奉献的员工，通过严格的质量控制系统，完善的服务，来满足我们客户的需求。

我们秉承以为客户创造价值为前提，从而为企业创造价值的经营理念，以务实，高效，创新的企业精神来指导员工为客户服务，我们期望通过我们的努力能与客户共同开创一片新天地。



Shandong Sino Metal Co., Ltd is a leading integrated company of processing & trade in China, we are specializing in Cold rolled steel, Galvanized steel, Galvalume steel, Prepainted steel, Tinplate sheets/ coils, and also doing deep processing for these products, e.g corrugated steel sheets flat sheets, slitted strips and so on. we started our business since 2005, until today, we have gradually established our own Galvanized line, Galvalume line and Prepainted line, with annual production capability can reach more than 300,000 tons. Since our company establishment, we fully absorb the advanced technology of hot galvanizing industry at home and abroad, introduced the advanced production equipment and international advanced Siemens electrical control equipment. Superior quality makes our products get the customer's widely recognized, our products have been exported to Africa, the European Union, Latin America, southeast Asia and other dozens of countries and regions

With the responsibility to customers and business partners, with advanced managing system, and strictly quality control system, we are surely contributed to meet customer's satisfaction.

We believe, to create value for company and shareholders by creating value for customer's first, and we pursue to build long lasting win-win business relationship with our suppliers and customers, we are sincerely to develop new market and business with you together!



企业宗旨

Enterprise Purpose

以为客户创造价值为前提，从而为员工，股东创造价值
Creat Value For Shareholders , employees By Creating Value For Customers

企业文化

Enterprise Culture

以为人本： People Oriented
We Take Care Of Employees , Encouraging Them , Helping Them Grow With Firm
We Take Care Of Our Suppliers, Leading Them To Produce Qualified Raw Products
We Take Care Of Our Customers By Meeting Their Requests At Our Most Best Service And Products

以质取胜：
We Are Dedicated To Improve Quality Constantly, And We Believe, Qualified Products Will Increase Value On Our Reputation, And We Also Believe That Good Products Can Creat Value For Customers

合作中求发展：
Development By Cooperation
We Pursue Long-term Business Cooperation With Our Suppliers, Our Customers, And We Believe Long -term Cooperation Will Create Win-win Business Relationships

镀锌钢卷板 Galvanized steel coil



热浸镀锌钢卷是冷轧或者热轧钢板为基板，为防止钢板表面遭受腐蚀延长其使用寿命，在钢板表面涂以一层金属锌，镀锌是一种经常采用的经济而有效的防腐方法。钢板表面镀锌后获得了良好的抗腐蚀性性能，并且具有高强度、易加工等优点。已被广泛

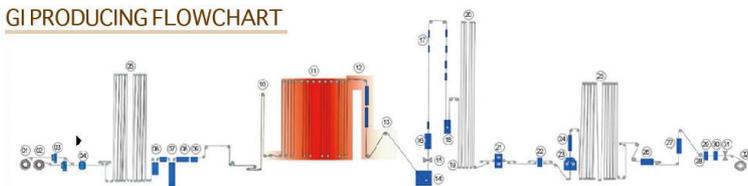
应用于建筑、轻工、家具家电等行业。

我公司镀锌年产量30万吨，并研发掌握了节锌环保镀锌工艺、钝化、防指纹等新型技术。与世界各地客户保持了长久的合作并获得一致认可。

Hot dip galvanized steel coils use cold rolled steel or hot rolled steel coils as base material, by coating zinc on the surface of the steel plate, to resist corrosion on surface of steel plate and extend working life. With excellent corrosion resistance, formability, weldability, and paintability, Hot-dip galvanized steel products have versatile usage. It is used in civil engineering and construction as well as in automobile and electrical parts.

With annual capacity of 300,000 tons, we are constantly doing research and development on the technology of galvanizing production, and aim to develop more environmental-friendly, diversified applications for this products.

GI PRODUCING FLOWCHART



- | | | |
|--|--------------------------------|------------------------------|
| 1. Uncoiler-1 | 12. cooling section | 23. chemcoater:chromagl/in |
| 2. Uncoiler-2 | 13. hot bridle | phosphatign/anti-fingerprint |
| 3. Cropping shear | 14. zinc pot | 24. strip dryer |
| 4. Welding machine | 15. air drife | 25. exit looper |
| 5. Entry looper | 16. galvannealing furnace | 26. side trimmer |
| 6. Alkaline spray and brush cleaning | 17. air cooling | 27. inspection area |
| 7. Electrolytic spray eleaning section | 18. water cooling | 28. width measurement |
| 8. Brush and spray rinsing | 19. zinc thickness measurement | 29. stamp marking |
| 9. Strip dryer | 20. intermediate looper | 30. oiler |
| 10. Pre-heating furnace | 21. skin pass mill | 31. rotaling shear |
| 11. Radiant tube furnace with soaking zone | 22. tension leveller | 32. coiler |

标准 / Standard	ASTM / AISI / BS / DIN / JIS / GB etc.
厚度 / Thickness	0.12mm—4.0mm
宽度 / Width	50mm—1500mm
锌层 / Zinc coating	40g/m ² —275g/m ²
硬度 / Hardness	55 HRB to 90HRB
原料 / Base metal	Cold rolled steel coils
表面处理 / Surface treatment	Chromated,skinpass,oiled,slight oiled,dry,anti-finger print.
类型 / Type	Coil/sheet/strip/corrugated
应用 / Application	Roofing, wall panel, furniture appliances, construction materials and so on



镀铝锌卷板 Galvalume steel coil



镀铝锌硅钢板是一种新型的建材，以冷轧钢带为基板，经过连续热镀锌工艺而生产出来的产品，采用55%的铝，43%的锌和2%的硅，它的镀层组织为Zn-AI合金。

镀铝锌钢板具有优良的耐腐蚀性，在同样的情况下，镀铝锌板耐大气腐蚀能力比同样镀层厚度的镀锌板高2-6倍，具有良好

的涂镀和加工性能，被广泛用于建材、电器行业、汽车业、家电等行业。

我公司依托先进的生产线设备，凭借超薄、高强度的产品特点，可提供国内鲜有的超薄高强度镀铝锌硅产品，享誉国内外。

As new building material ,galvalume (aluminium&zinc-silicate coated)steel, based upon the cold-rolled steel belt is produced through continuous zinc hot coated technical process by using 55% aluminium,43% zinc and 2% silicate.The coating layer is Zn-AI alloy. Thanks to the good feature of corrosion resistance, the galvalume steel sheet is 2 to 6 times as high as zinc coated sheet plate in terms of air corrosion resistance with the same coating thickness. With the features of fine coating and processing ability, the product is widely used in the industries of building materials, electric appliance, auto and house hold appliance,etc.

With advanced production line equipment, we can produce ultra thin and high strength galvalume steel sheet, by supplying excellent quality, we enjoys a good reputation both at home and abroad.

种类 (Items)	镀铝锌硅生产线 (Galvalume production line)
最高工艺速度 (m/min) (Highest speed)	105
厚度 Thickness (mm)	0.13-0.8
宽度 Width (mm)	50-1500
镀层重量(g/m)	40-150
钢卷内径(mm)(Steel coil ID)	508/610
生产能力Annual production capability	30万吨
表面结构 Surface structure	55% aluminum-zinc spangle
表面处理 Surface treatment	Oil; Chromated; Oil&Chromated; AFP
强度 Strength	360-800
硬度 (HRB)	55-95

电镀锡钢卷板 Tin plating steel coil



马口铁生产线年生产能力10万吨，是目前国内制造厂家中最高速度生产线，产品规格0.15-0.5mmx100-1050mm，产品适用于食品和日用轻工产品的包装材料。作为可回收利用的包装材料，在提倡建设节约型社会的今天有着广泛的发展前景。

我公司马口铁生产线关键设备采用国际领先的进口产品，配

备齐全的检验设备，其产品质量达到国内行业先进水平，有着良好的市场前景。

我公司现在正在建设的镀锡板生产线，生产高档食品级马口铁产品，并形成年产20万吨的生产能力。

The tinplate production line, with an annual production capability of 100,000tons, is the production line of highest speed in China. The production specification:0.15-0.5mmx100-1050mm. The products are used for food packing, daily light industrial products and chemical industrial products. As a recycling packing material, tin products have good prospect in economic society.

The key equipment of the tinplate production of our company is an internationally leading imported products, accompanied with complete set of inspecting equipment. The quality of products has reached the domestically top level in the industry and has good market prospect.

Presently, we has invested a huge sum of money in the second tinplate line, mainly for packing high-grade food tinplate products, with an annual production capacity of 200,000 tons.

Parameters of tin in the tinplate

镀锡方法	镀锡量代号			镀锡方法	镀锡量代号		
	公称镀锡量 g/m ²	最小平均镀锡量 g/m ²	最大平均镀锡量 g/m ²		公称镀锡量 g/m ²	最小平均镀锡量 g/m ²	最大平均镀锡量 g/m ²
等厚镀锡 差厚镀锡	1.0/1.1	1.0/1.1	0.9/0.9	差厚镀锡	2.8/5.6	2.8/5.6	2.5/5.2
	2.2/2.2	2.2/2.2	1.8/1.8		8.4/2.8	8.4/2.8	7.8/2.5
	2.8/2.8	2.8/2.8	2.5/2.5		2.8/8.4	2.8/8.4	2.5/7.8
	5.6/5.6	5.6/5.6	5.2/5.2		8.4/5.6	8.4/5.6	7.8/5.2
	8.4/8.4	8.4/8.4	7.8/7.8		5.6/8.4	5.6/8.4	5.2/7.8
	11.2/11.2	11.2/11.2	10.1/10.1		11.2/2.8	11.2/2.8	10.1/2.5
	2.8/1.1	2.8/1.1	2.5/0.9		2.8/11.2	2.8/11.2	2.5/10.1
	1.1/2.8	1.1/2.8	0.9/2.5		11.2/5.6	11.2/5.6	10.1/5.2
	5.6/1.1	5.6/1.1	5.2/0.9		5.6/11.2	5.6/11.2	5.2/10.1
	1.1/5.6	1.1/5.6	0.9/5.2		11.2/8.4	11.2/8.4	10.1/7.8
5.6/2.8	5.6/2.8	5.2/2.5	8.4/11.2	8.4/11.2	7.8/10.1		

Temper degree

调度度代号	硬度 (HR30T)
T-1	49±3
T-2	53±3
T-2.5	55±3
T-3	57±3
T-4	61±3
T-5	65±3

彩涂卷板

Prepainted steel coil



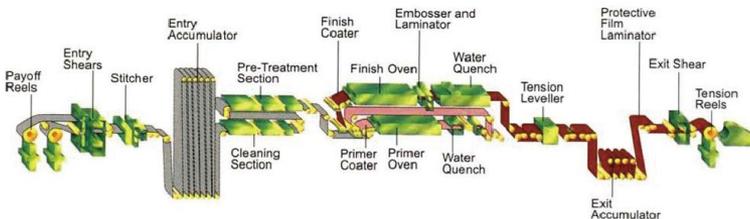
彩色涂层钢板是将基板先进行表面处理,然后涂敷涂料或粘接有机薄膜而生产出来的一种钢板深加工产品。彩色涂层钢板具有轻质、美观和良好的防腐蚀性性能,又可直接加工,它给建筑业、造船业、车辆制造业、家具行业、电气行业 等提供了一种新型原材料,起到了以钢代木、高效施工、节约能源、防止污染

等良好效果。随着工业的发展,木纹彩色钢板,迷彩彩色钢板,透明彩色钢板也已经走入市场,收到市场好评。

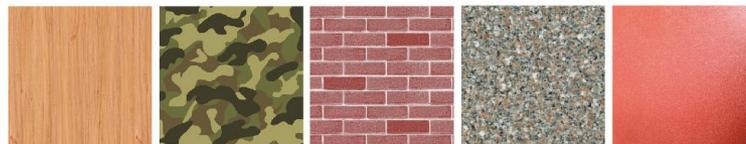
我公司年产彩涂板20万吨,以优质的产品质量和低廉的价格,赢得了国内外客户的一致好评。

The color coated steel coil is manufactured by painting colorful coating materials or by conglutinating organic film on the basic sheet after the proper surface treatment. Color coated steel coil has a light weight, beautiful and good anti-corrosion performance, it can be directly processed, and also provides a new type of raw materials for construction, shipbuilding, automobile manufacturing, furniture industry, electrical industry, appliance; such as the steel instead of wood, such as efficient construction, save energy and prevent pollution. With the development of the industry, the wooden color steel coil, camouflage color steel coil, transparent color steel coil have also been stepping into and widely used by the market .

We adopt advanced production equipment and professional technicians, have a capacity of 200,000 metric tons yearly. Our product sold to domestic and international market rely on high quality with best price, and welcomed by our customers.



Special Pattern 特殊图案



木纹 Wooden 迷彩 Camouflage 砖型 Brick 大理石 Marble 防刮痕 Anti-scratch

标准 Standard	ASTM / AISI / BS / DIN / JIS / GB etc.
厚度 Thickness	0.14mm---1.5mm
宽度 Width	50mm---1500mm
锌层 Zinc coating	40g/m ² ---275g/m ²
铝锌层 Aluzinc coating	40g/m ² ---150g/m ²
漆膜 Paint coating	Top: 15μm---35μm Back: 5μm---30μm
颜色 Color	RAL system color.
厚度 Hardness	55 HRB to 90HRB
保护膜 Guard film	PVC and so on.
基板 Base metal	Cold rolled steel coils, galvanized steel coils, galvalume steel coils, aluminium coils
表面处理 Surface treatment	With protective film, wooden color, camouflage color, printed surface or customized color
形态 Type	Coil/sheet/strip/corrugated
用途 Application	Roofing, cladding, wall panel, sandwich panel, construction materials and so on



包装 Packaging



Mill standard export seaworthy package with inner sleeve and with 4 horizontal strips 4 longitudina strips in steel,galvanized metal fluted rings on inner and outer edges,galvanized metal and water proof paper wall protection disk around circumferences.25 tons packed in one 20 or 40 feet container.

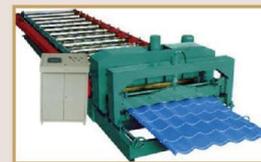
加固 Reinforce



WE CAN SUPPLY / 我们可以提供



彩涂铝卷 Prepainted aluminum coil



压瓦机roofing sheet machine



冷轧板卷 Cold rolled steel



屋顶瓦配件roofing_screws



铝卷 Aluminum coil



夹芯板 Sandwich panel