

SANTIWAY INT'L

+ MATERIAL + MACHINERY + CONSTRUCTION



HANGZHOU SANTIWAY INTERNATIONAL CO.,LTD

ROOM 1104, ZHIDI MANSION, NO.77, JINCHENG ROAD, XIAOSHAN AREA,
HANGZHOU CITY ZHEJIANG PROVINCE, P.R.CHINA

Tel: +86-571-22868858 +86-571-22868882

Fax: +86-571-22868889

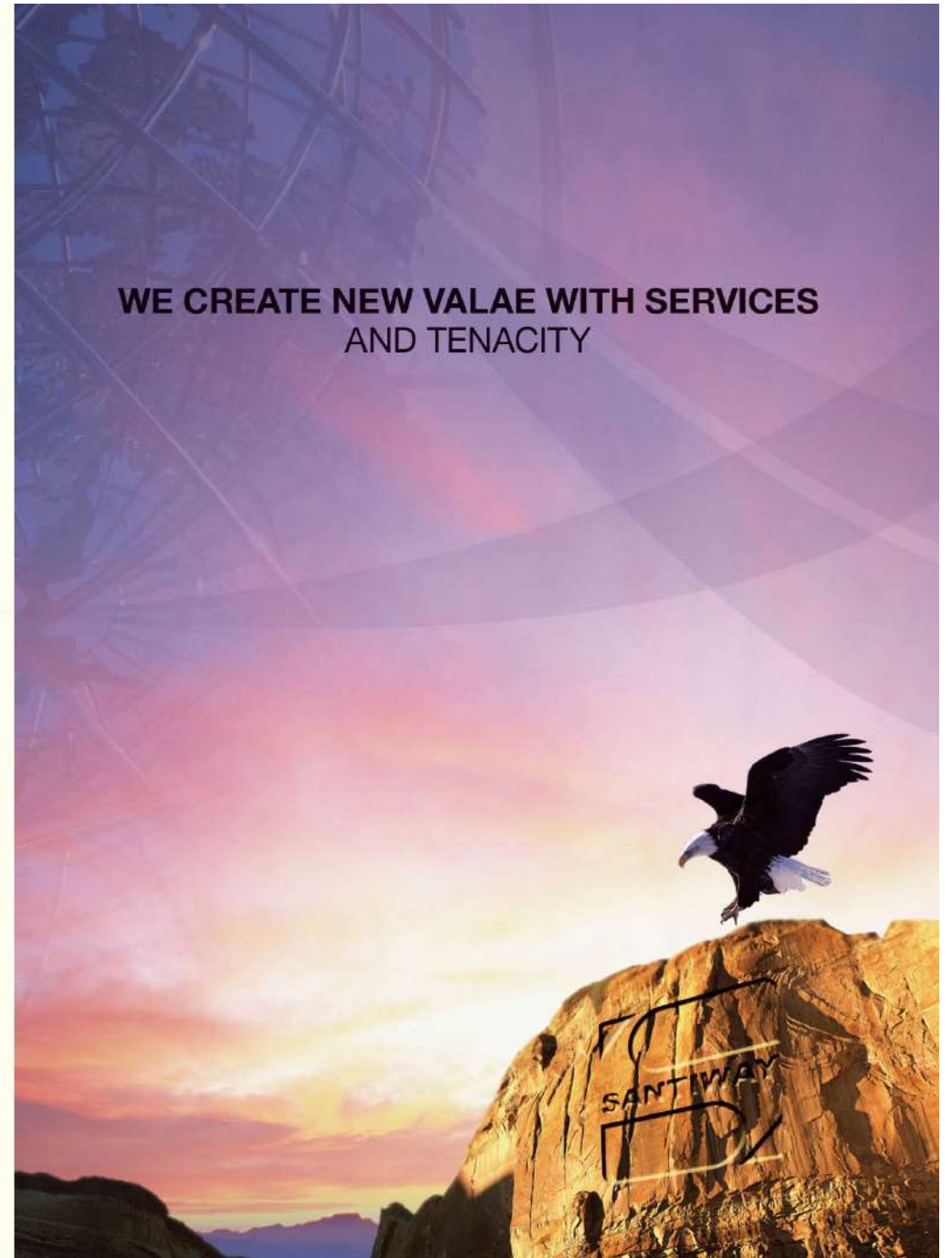
Email: info@santiway.com P.C: 311200

Homepage: <http://www.santiway.com>



杭州圣威国际有限公司 电话: +86-571-22868858 +86-571-22868882 传真: +86-571-22868889 邮箱: info@santiway.com 邮编: 311200 网址: <http://www.santiway.com>

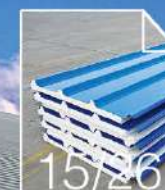
**WE CREATE NEW VALAE WITH SERVICES
AND TENACITY**



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The staff members of our company always devote themselves to creating a convenient, safe and comfortable quality life for common people



CERTIFICATION

Great efforts and integrity will make a good cause.



COMPANY TENET&ABOUT STW

The staff of STW always devote themselves to creating a convenient, safe and comfortable life for all people

Company Tenet

Under the pressure of keen competition of the world market, Hangzhou Santiway International Co., Ltd. spares no effort to establish the company's core competitiveness. We established the high efficiency service team and working with our professional technical team to provide best overseas business services with tenacity.

About Santiway

Hangzhou Santiway International Co., Ltd. is a manufacturing enterprise, which is professionally engaged in design and production of light-steel structures, workshops, space frames and project structures. Based on the background of steel structure design, production, we established the related factories for the extension products, such like roll forming machine, steel roof/wall, steel roof tile, steel coils and others; Santiway located in Hangzhou City, where have very convenient transportation for customers visit and good delivery. Only 30 minutes' vehicle distance from Hangzhou International Airport and 2 hours' driving shanghai or Ningbo harbors.

We can provide OEM services, and ODM (original design manufacturer) services as well. Besides supplying a high quality products to oversea clients, we are taking advantage of design and manufacturing unique products for clients' special requirements

COMPANY PROFILE

As the heaven can revolve so firmly, men also should make unremitting efforts to improve themselves

The staff members of our company always devote themselves to creating a convenient, safe and comfortable quality life for common people



Hangzhou Santiway International Co., Ltd. is a manufacturing enterprise, which is professionally engaged in design and production of light-steel structures, workshops, space frames and project structures. We are located in Xiaoshan, Hangzhou City, where is a very beautiful place and the host city for "2006 World Leisure Exposition". We have very convenient transportation for customers' visits and good delivery, only 30 minutes' vehicle distance from Hangzhou International Airport and 2 hours' driving to Shanghai or Ningbo harbors.

Our main products are steel structures and its extension products, including color coated steel coils, steel roofing tile sheets, wall & roofing corrugated sheets, floor deckingsheets, H beams, C&Z shape steel purlins, sandwich panes, bolts & screws, shear connectors.

We have a professional production team, a great sales team and a foresighted management team. We have a modern manufacturing base with advanced digital control cutting and automatic welding processing line in the world. Most of our products have passed UL, ETL, ISO9001 quality authentication. Our products can be customized, we treat every order and every customer seriously and kindly. In the process of production, we consistently combine high quality with economical efficiency to make sure every customer get products in time.



CUSTOMER FROM NORTH AMERICA



SHOWING ROOM



CUSTOMER VISIT OUR FACTORY



SANTIWAY OVERVIEW



WE ARE DISCUSSION



SERVICE TEAM

COMPREHENSIVE STRENGTH

As the heaven can revolve so firmly, men also should make unremitting efforts to improve themselves



Business Negotiation

To adapt to the market and satisfy requirements of different customers, we provide services conforming to local circumstances. From perfection of pre-sale service system to after-sale service systems like commissioning and maintenance, we always stick to the service philosophy of "doing our utmost to satisfy customers' needs" to let customers feel that "Santiway is always accompanying you" with our sincerity and practical actions.



Equipment Processing

The integration of intensive production and scale production is a striking feature of modern enterprises, which is also an important subject of research and development of enterprises. The production line of the company is the production stronghold for product manufacturing, which also shoulders the major responsibility of creating enterprise value. The large-scale production base, advanced equipment of international level, professional and skilled operators and technicians, and the intensive and effective production system will together form high-quality products of Santiway.



Customer Complaint Service

A customer may make a complaint about the service or quality of Santiway products. We providing online system to help customer locate the all the information he needed and we can give the rapid feedback about it. We are trying to satisfied every customer we have.



Processing and Control Center

As a leading equipment manufacturer in the industry, the company possesses advanced equipment for processing and manufacturing. From blank processing of parts to fine processing, the company stresses quality assurance in each procedure and section with the meticulous attitude, aiming to provide qualified products for customers.



Professional Technical Team

We devote ourselves to bringing customers practical benefits with innovative technologies. We put our focus on design and development to ensure production of high-reliability products under the circumstance of rapidly changing business environment. Meanwhile, Santiway keeps deep communication and cooperation with senior engineers of the industry so as to provide customers with products meeting their needs.



Technical Support Service

We will provide training and site installation guidance in the earlier stage until you can correctly operate and install our products. The 24-hour emergency service hotline is available to serve you at any time. In case of any problem of your equipment in an urgent situation, please call the service hotline of Jintong. We will give you response as soon as possible. (This service is only available for domestic customers)



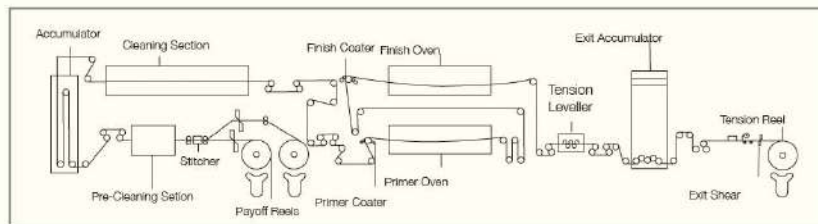
OEM Production Available We Can Produce According To Customer's Requirements.



Coil Feature

- 1.Green products can be used on many industries .
- 2.The galvanized and aluzinc based coils available.
- 3.Various coils can fit different requirements of customers
- 4.Different kinds of spangles available.

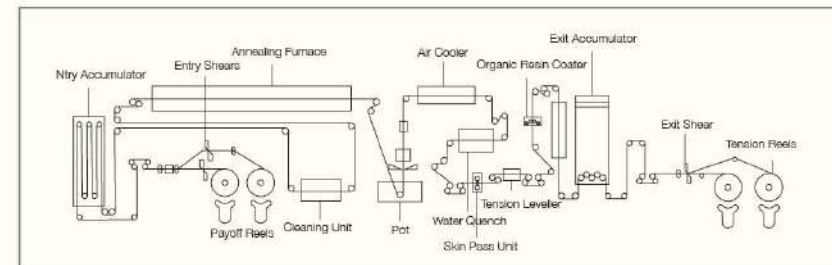
Continuous Hot-dip Galvanizing Line



Hot dip galvanized steel coils

Specification:
Standard: JIS-SGCC, SGCD, SGCE
EN-DX51D, DX52D, DX53D
Thickness: from 0.17mm to 3.0mm
Width: 600mm to 1250mm
Zinc coating: 60g/m2 to 275g/m2
Packing: export seaworthy packing
Coil weight: 3 to 5 MT
Internal diameter: 508 or 610mm
Surface of the Galvanized steel coil:
Normal spangle, large spangle,
small(Min) spangle, zero spangle

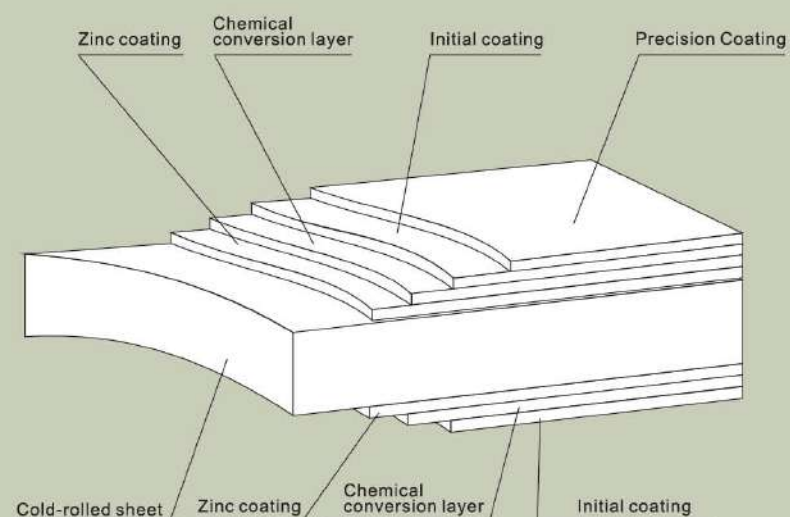
Continuous Color Coating Line



In the face of much broader future market, the company consider the keep improving equipments and technolage of the production line as the most important thing on the developing of a enterprise. Santiway will create a bright future for its staff and create new value for the customer through the high quality products.

PRODUCTS Color-Coated Steel Roll

As the heaven can revolve so firmly, men also should make unremitting efforts to improve themselves



► MAJOR DESIGN INSTITUTES

The base material can be galvanized steel sheets or aluzinc steel sheets, to fit for the different requirements of the market, santiway also providing various strength of products from 195Mpa to 550Mpa and more over.

PE/PVDF coated steel coil colour chart



Color coated steel coils

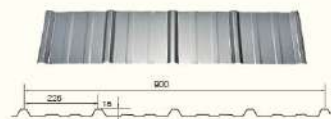
Specification: Standard: JIS-SGCC, SGCD, SGCE
EN- DX51D, DX52D, DX53D
Thickness: from 0.18mm to 1.2mm
Width: 600mm to 1250mm
Color: According to RAL CODE or the sample from customer

Zinc coating: 60g/m² to 275g/m²
Packing: export seaworthy packing
Coil weight: 3 to 5 MT
Internal diameter: 508 or 610mm
Surface treatment: Matt finish/Shinny finish

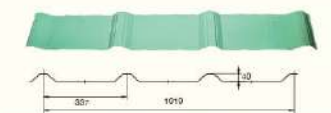


PRODUCTS Corrugated Steel Sheet

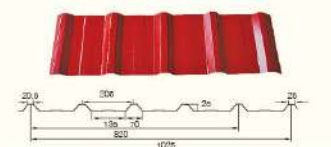
We design and manufacture corrugated steel sheets completely by ourself. All of our products pass CE certification. The material is normally galvanized or color coated steel sheets, used for roofing and walling system in the construction. Thickness is from 0.4mm to 0.8mm and the effect width is from 600mm to 1250mm. The advantages of the corrugated steel sheets are durable, waterproof, corrosion resistant and easy installation, Especially standing out in the bad environment.



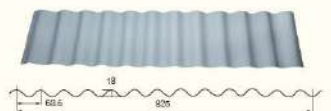
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 15-225-900	900	1000	0.40 0.50 0.60	4.50 5.80 7.02	2.07 2.92 3.43	Roof Wall Panel



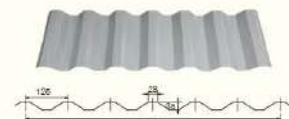
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 40-337-1010	1010	1200	0.60 0.80	2.78 3.80	5.45 7.23	Roof Wall Panel



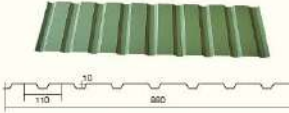
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 25-265-1025	1025	1200	0.40 0.60 0.80	2.70 3.90 4.80	4.00 5.70 7.20	Roof Wall Panel



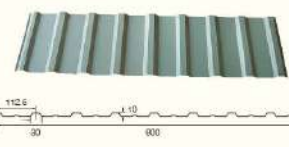
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 18-03.5-825	825	1000	0.50 0.60 0.80	6.98 8.37 11.19	5.12 4.45 5.83	Roof Wall Panel



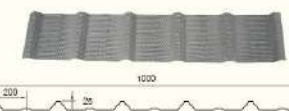
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 30-125-750	750	1000	0.50 0.60 0.80	11.54 13.85 18.83	6.23 7.48 10.0	Roof Wall Panel



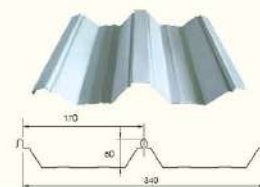
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 10-110-880	880	1000	0.40 0.60 0.80	2.70 3.90 4.80	4.60 5.70 7.20	Inner Roof Wall Panel



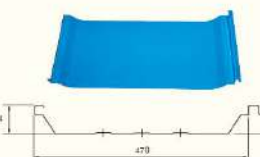
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 10-112.5-900	900	1000	0.40 0.50 0.60	3.79 4.83 5.80	1.92 2.43 2.92	Roof Wall Panel



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 25-200-1000	1000	1200	0.40 0.60 0.80	7.310 10.40 13.82	3.40 5.69 7.58	Roof Wall Panel



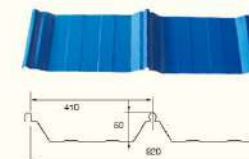
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 50-170-340	340	1000	0.40 0.50 0.60	4.50 5.80 7.02	2.07 2.92 3.34	Roof Wall Panel



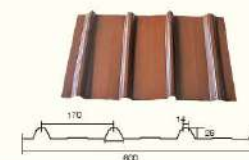
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 65-470	470	600	0.50 0.60	11.03 14.09	9.02 12.08	Roof Wall Panel



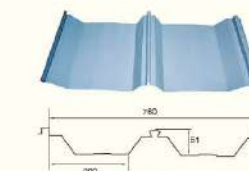
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 51-460	460	600	0.60 0.80 1.00	26.678 35.57 43.669	12.393 16.45 20.469	Roof Wall Panel



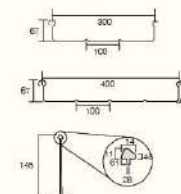
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 50-410-820	820	1000	0.40 0.70	42.71 59.14	20.12 25.19	Roofing



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 26-170-600	600	780	0.50 0.60 0.80	8.01 10.74 14.02	3.82 5.92 7.98	Roof Wall Panel

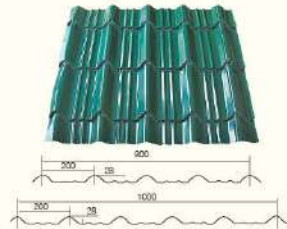


TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm⁴/m)	Section Resistance (cm³/m)	Application
STWYX 51-380-760	760	1000	0.60 0.80 1.00	37.27 49.69 62.11	12.28 16.39 20.46	Roof Wall Panel



PRODUCTS Steel Tile

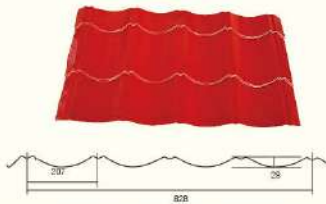
We design and produce new kinds of steel tile series. Special design are also welcome according to our customers required. The thickness is from 0.4mm to 0.7mm and the width is from 705mm to 1100mm. Colors can be chosen from RAL code.



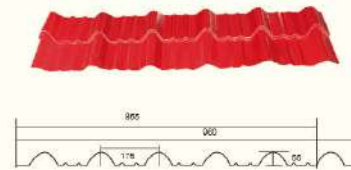
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 28-208-800/1000	800	1000	0.40 0.70	23.01 31.86	16.23 13.57	Tile Roof Panel



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 20-183.3-916/1100	916	1200	0.50 0.90	12.59 10.45	10.45 13.33	Tile Roof Panel



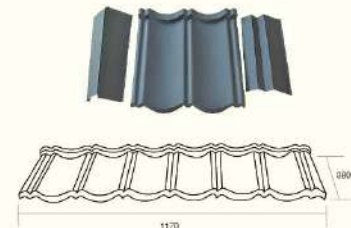
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 28-207-826	826	1000	0.50 0.60	14.80 17.76	12.32 14.76	Tile Roof Panel



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 55-175-855	855	1105	0.476	14.80	12.32	Tile Roof Panel

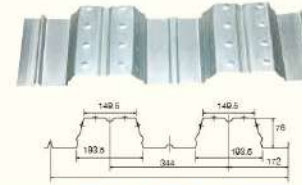


TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 25-210-840	840	1000	0.40 0.70	23.01 31.57	12.32 14.76	Tile Roof Panel

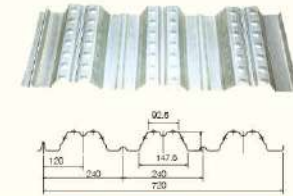


PRODUCTS Floor Decking Sheet

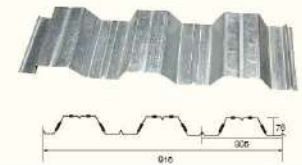
The floor decking sheet is made of hot dipped galvanized steel. Its anti-corrosion and high strength in building and construction. We have several series in this products. The thickness is from 0.8mm to 1.2mm and the width is from 600mm to 1025mm.



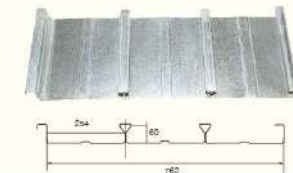
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 78-344-888	888	1000	0.8 1.0 1.2	91.82 119.38 140.01	23.46 30.81 36.93	Roof Panel



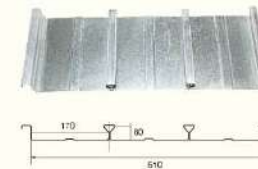
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 51-240-720	720	1000	0.8 1.0 1.2	52.6 84.55 78.38	16.45 20.69 26.39	Roof Panel



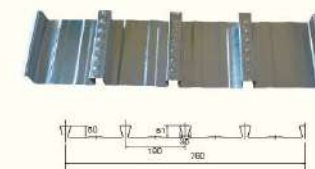
TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 78-306-915	915	1250	0.8 1.0 1.2	120.00 136.00 170.20	32.30 39.00 43.90	Roof Panel



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 60-264-782	782	1250	0.8 1.0 1.2	288.01 405.40 423.38	58.92 92.11 113.10	Steel Floor



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 60-170-510	510	1000	0.8 1.0 1.2	282.38 385.40 396.90	50.87 84.11 89.98	Steel Floor



TYPE	Effect Width (mm)	Coil Width (mm)	Thickness (mm)	Section Inertia (cm ⁴ /m)	Section Resistance (cm ³ /m)	Application
STWYX 51-190-780	780	1250	0.8 1.0 1.2	53.06 66.47 73.1	33.64 41.79 45.83	Steel Floor

PRODUCTS Floor Decking System

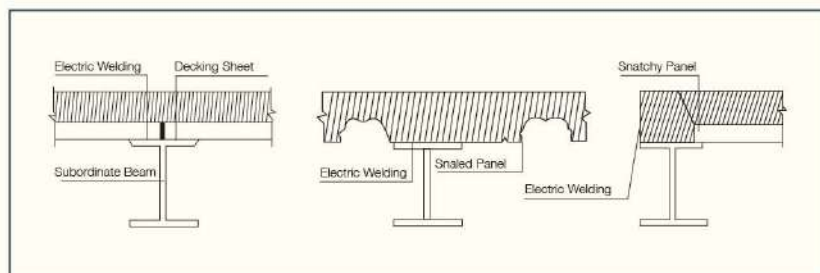


Products Features:

1. Could be widely used for steel structure of workshop, warehouse, office building, railway station and etc.
2. Cold formed to V/U and other shape for permanent use.

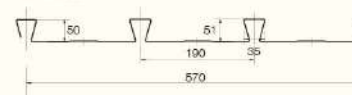
Advantages of Steel Floor Decking Sheet:

1. Fit for the demands of rapid installation of the structures.
2. Enhance the strength of the floor, save material of steel and concrete.
3. The embossed surface of the decking sheet integrate with concrete firmly, which makes the system have higher loading capacity.
4. Fire resistant performance design, eliminate the additional fireproofing process.



Floor Deck System

Section Size



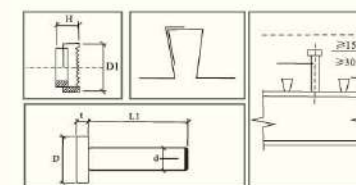
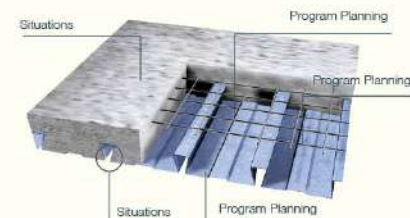
Effect Width

As per the different design of the projects, the effect width are various. Based on decades years of experience on the design and production, we provide floor decking sheets in different widths.

Section Size

Thickness	Moment of Inertia	Thick-ness	Model	Forward	Innovation and fine	Usage
0.75	9.38	32.38	22.33	8.870	14.5	9.88
0.90	11.3	38.88	26.88	10.60	14.5	11.82
1.00	12.5	42.88	29.36	11.77	14.5	12.91
1.20	15.0	51.13	35.02	14.05	14.5	15.49
1.50	18.8	66.56	45.21	18.47	14.5	19.37

Effective Width	570
Developed Width	1000
Effective Utilization Ratio	57%



Instruction of the installation:

The steel floor decking sheets can be easily installed according to the instructions provided. We suggest to have dynamic loading test and fireproof test before the sheets can be used on suitable places.

Specification

Thickness	Moment of Inertia	Thick-ness	Model	Forward	Innovation and fine
0.75	22.33	32.38	22.33	8.870	14.5
0.90	26.68	38.88	26.88	10.60	14.5
1.00	29.36	42.88	29.36	11.77	14.5
1.20	35.02	51.13	35.02	14.05	14.5



PRODUCTS

Insulated Panel Production Line



Our polyurethane panel production line was imported from Italy. It applies the most advanced technology in the world and is controlled by the computer completely. The annual production capacity is 1,500,000m² panels. The polyurethane panel is composed of two colorful steel sheets (internal and external sheet). The insulation core is made of high density polyurethane. Our panel ensures dimensional stability and good insulation due to the unique arts and crafts.

Engineering Projects



Engineering Projects



Products



Polystyrene Sandwich Panel(EPS)

Introduction:

The company started the EPS production in 1995,with 5 foam lines for yearly capacity of over 2 million square meters. We are able to provide the corrugated EPS of model 1200,model 1150,model 970,model 850 and the flat EPS of lapping type,concealed joint type and spliced type in varies specifications.

EPS sandwich panels main features:

1. Light weight:only 1/30 of the brick.
2. Heat insulation
3. High strength,can act as the roof and wall enclosure system.
4. Various colors to choose,no need for the surface decoration.

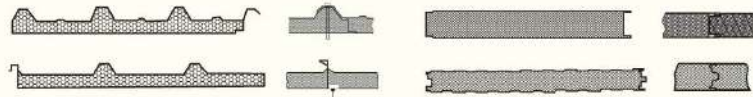


Plate Thickness (mm)	Heat Transfer coefficient k/m ² ·K	Average Sound insulation Factor (dB)	Plate Weight kg/m ²	LOADP=KN/m ²	E				
					P=0.5	1.0	1.5	2.0	2.5
50	0.57	20.0	11.72	L=3.5	2.6	1.8	1.3	1.1	
75	0.38	21.5	12.12	L=4.2	3.2	2.6	2.0	1.7	
100	0.28	23.0	12.53	L=4.8	3.6	2.8	2.5	2.3	
150	0.19	24.5	13.33	L=6.0	4.5	3.6	3.0	2.8	
200	0.14	25.5	14.13	L=7.0	5.3	4.2	3.5	3.0	



EPS Panel



Workshop of eps panel



Finished products

Polyurethane Sandwich Panel (PU)

Introduction:

Our sandwich panel systems are designated by architects,developers and owners who seek for the benefits from the advanced building system.

Sandwich panels generally consisted of an outer sheet and a core of foaming insulation bonded to the two sheets.

Sandwich panels are lightweight and quick to install in high efficiency.The filled system makes use of closed cell insulation,which helps eliminate condensation. Outer sheets are profiled with an internal liner for strength and appearance.Inner sheets are flat to meet any request.



PU Sandwich panel main features:

- 1.Steel internal liner:for strength
- 2.Chemical foaming insulation:for superior performance
- 3.Fully protected outer skin metal:for long life
- 4.Fully tile joints:no voids
- 5.CFC-free from foam insulation materials
- 6.Temperature control:to save energy and reduce the effects of the condensation to the roofs and walls
- 7.Acoustic performance:provide reductions in sound transmission and, if required,increase sound absorption capabilities
- 8.Fire proof:polyurethane sandwich panel with the fire proof grade of B1.

Flat polyurethane sandwich panel (A model)

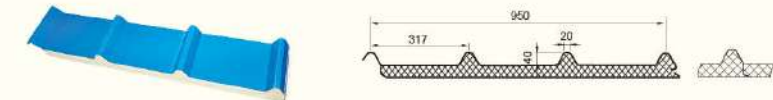


Flat polyurethane sandwich panel (B model)



Specification And Technical Information		
Core material	Insulation	High foamed polyurethane
	Core density	40±5kg/m ³
	Cell closed percentage	≥92% ,eliminates the possibility of leakage
	Thermal conductivity	≤0.025w/m.k
Metal Sheet	Prepainted steel sheet	Big Steel mill
	thickness	0.4-0.8mm
	Top coating	18-25um
Other material	Depend on client	
Specification	Length	≤11.8 m
	Effect width	950mm
	Wall panel thickness	40mm,50mm,60mm,75mm,100mm
Anti-fire	Grade B1 of GB8624 , safe.	

Corrugated Polyurethane Sandwich Panel



Specification And Technical Information		
Core material	Insulation	High foamed polyurethane
	Core density	40±5kg/m ³
	Cell closed percentage	≥92% ,eliminates the possibility of leakage
	Thermal conductivity	≤0.025w/m.k
Metal Sheet	Prepainted steel sheet	Big Steel mill
	thickness	0.4-0.8mm
	Top coating	18-25um
Other material	Depend on client	
Specification	Length	≤11.8 m
	Effect width	950mm
	Wall panel thickness	30mm,40mm,50mm,60mm,75mm,100mm
Anti-fire	Grade B1 of GB8624 , safe.	

Precautions For Transport And Storage Of Color-Coated Steel Rolls



Feedbacks On Market Based On Actual Situations. Provides Integrated High-Quality Services Including Program Planning, Design, Construction, Management And Technical Consultancy And Offers Continuous High-Quality Products And Services In The Field Of Construction Roofing System. Based On Actual Situations, Provides Integrated High-Quality Services Including Program Planning, Design, Construction, Management And Technical Consultancy And Offers Continuous High-Quality Products.

PRODUCTS Package Show

Loading of roll forming machine



- The whole machine will be lifted by the crane and to be load into the container, this can guarantee the machine's completeness and avoid the reinstallation problems which are caused from the separation of the machine part for loading at customer's part.
- The main forming machine body, PLC with plastic cover, hydraulic station will be fixed tenaciously and tightly to the container by steel wire and wooden pallets. So that can suit marine transport.

Loading of corrugated sheet /coil



ROLL FORMING MACHINE

Steel Roof&Wall



Specification:

STWYX32-200-1000

Machine's components:

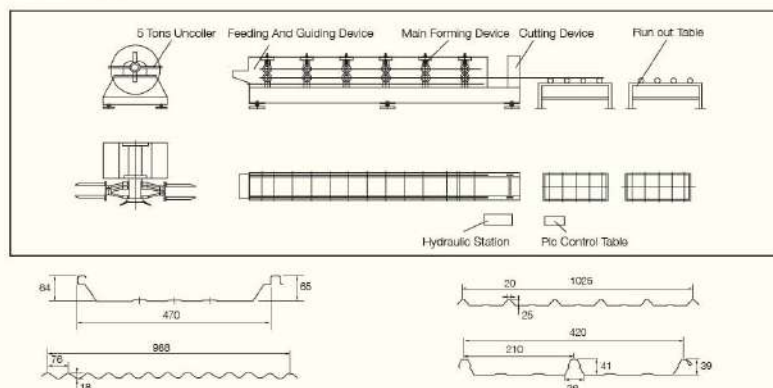
Uncoiler, coil sheet guiding device, film covered device(optional), main roll forming system, cutting device, hydraulic station, PLC control table and final product run out table.

Specification

- Suitable raw material: color steel sheet; galvanized steel sheet;
- Suitable thickness of raw material: 0.3-0.8mm;
- Main motor power: 5.5kw (depend on final design);
- Hydraulic station power: 2.2kw (depend on final design);
- Forming speed: about 15m/min;
- Uncoiler's loading capacity: 5tons (can be increased to 10 tons or at buyer's requirement);
- Control system: Mitsubishi PLC&converter;
- Voltage: 380V, 3phase, 60HZ, or at buyer's requirement;
- Machine's dimension: about 8m*1.5m*1.4m (depend on final design);

Working flow:

Uncoiling the steel coil → feeding and guiding the steel sheet → film covering → main roll forming → cutting the panel → final product run out to the table.



- We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

Colored Steel Tile



Specification:

STWYX39-183.3-1100

Machine's components:

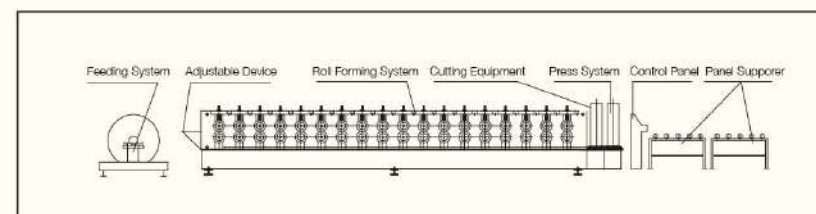
Uncoiler, coil sheet guiding device, main roll forming department, hydraulic step pressing department, cutting device, hydraulic station, PLC control table, final product run out table.

Material of the machine's main department:

- Roller material: high grade No.45 forged steel, which is plated hard chrome on the surface of the roller with thickness 0.05mm.
- Cutting blade: Cr12 mould steel with quenched treatment;
- Electric elements: Mitsubishi PLC and converter

Machine's main parameters:

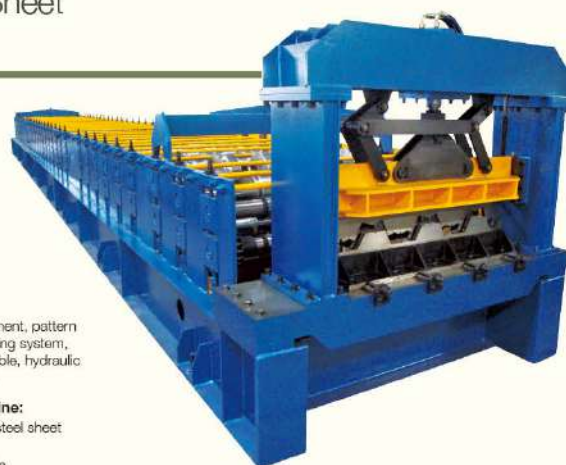
- Suitable raw material: color steel sheet or galvanized steel sheet
- Suitable thickness: 0.5-0.6mm
- Working speed: about 2-3m/min
- Step distance: can be adjusted according to user's requirement (≥250mm)
- Main motor power: 5.5kw (depend on final design)
- Hydraulic power: 5.5kw (depend on final design)
- Machine's weight: about 9-10 tons



- We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

Floor Decking Sheet



Machine's components:

Uncoiler, coil sheet guiding department, pattern embossing department, main forming system, cutting department, PLC control table, hydraulic station, final product run out table.

Main parameters of the machine:

- Suitable raw material: galvanized steel sheet
- Suitable thickness: 0.8-1.2mm
- Forming speed: about 12-16m/min
- Main motor power: 18.5kw; (depend on final design)
- Hydraulic power: 3kw; (depend on final design)
- Roller groups: at least 20 groups
- Weight: about 19-20tons

Final product's features:

The metal floor decking sheet produced by this machine has high strength with big wave length. It adheres well to concrete. Used on high building, it not only saves steel mobile plate, but also reduces the weight of storey. With the same bearing capacity, it economized steel and cuts down investment accordingly.

Engineering examples:



- We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

C/Z Purlin



Machine's components:

Uncoiler, coil sheet flattening equipment, hole punching department, C/Z shape main forming system, cutting department, hydraulic station, PLC control table, final product run out table.

Main technical parameter:

- Suitable raw material: cold-rolled steel strip or heat-treated galvanized steel strip
- Suitable thickness: 1.5-3.00mm
- Forming speed: about 10-12m/min
- Main motor power: 15kw; hydraulic power: 5.5kw (depend on final design)
- Voltage: 380V, 3phase, 60Hz or at buyer's requirement
- PLC control and transferred by chain
- Machine's dimension: about 18m*1.8m*1.6m

Material of main department:

- Forming roller: Cr15 bearing steel with quenched treatment
- Cutting blade: Cr12 mould steel with quenched treatment

Working flow:

Uncoil the strip—guiding and flattening the sheet—hole punching—main roll forming—cutting—final products run out to table

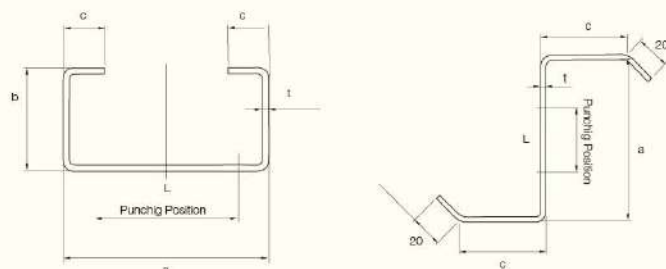


Coil sheet guiding device

Hole punching department

Cutting department

- We can design the machine according to the customers' special requirements



No	a	b	c	t	L	Coil width	Remark
C1	80	40	15	1.6-3.2		172	O
C2	100	40	15	1.6-3.2	(Adjustable)	192	✓
	100	50	20	1.6-3.2	(Adjustable)	222	✓
	100	60	20	1.6-3.2	(Adjustable)	242	✓
C3	120	50	20	1.6-3.2	(Adjustable)	242	✓
	120	60	20	1.6-3.2	(Adjustable)	262	✓
C4	140	50	20	1.6-3.2	(Adjustable)	262	✓
	140	60	20	1.6-3.2	(Adjustable)	282	✓
C5	160	60	20	1.6-3.2	(Adjustable)	302	✓
	160	70	20	1.6-3.2	(Adjustable)	322	✓
C6	180	60	20	1.6-3.2	(Adjustable)	322	✓
	180	70	20	1.6-3.2	(Adjustable)	342	✓
C7	200	60	20	1.6-3.2	(Adjustable)	342	✓
	200	70	20	1.6-3.2	(Adjustable)	362	✓
C8	220	70	20	1.6-3.2	(Adjustable)	362	✓
	220	80	20	1.6-3.2	(Adjustable)	402	✓
C9	240	70	20	1.6-3.2	(Adjustable)	402	✓
	240	80	20	1.6-3.2	(Adjustable)	422	✓
C10	250	80	20	1.6-3.2	(Adjustable)	432	o

No	a	b	c	t	L	Coil width
Z1	100	54	50	1.6-3.2	(Adjustable)	234
Z2	120	64	60	1.6-3.2	(Adjustable)	274
Z3	140	64	60	1.6-3.2	(Adjustable)	294
Z4	160	74	70	1.6-3.2	(Adjustable)	334
Z5	180	74	70	1.6-3.2	(Adjustable)	354
Z6	200	74	70	1.6-3.2	(Adjustable)	374
Z7	220	84	80	1.6-3.2	(Adjustable)	414
Z8	240	84	80	1.6-3.2	(Adjustable)	434

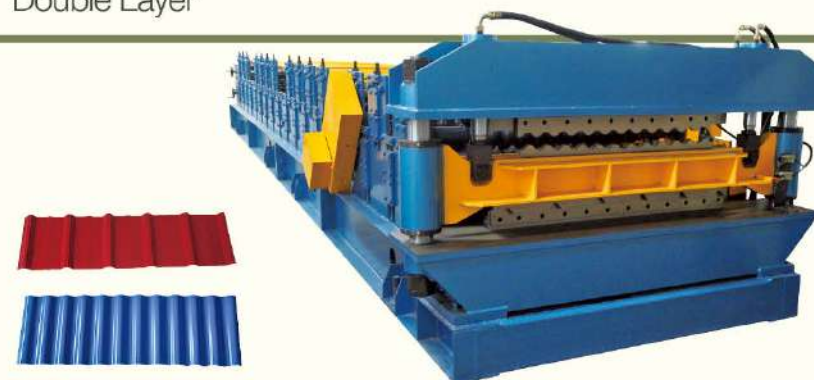
Remark:

- 1 The size with "1/2" is company 's standard configuration.
- 2 The size with "o" is optional configuration.

- We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

Double Layer



Machine's components:

Uncoiler, coil sheet guiding and feeding department, pattern embossing department, double layer main forming system, cutting device, PLC control table, hydraulic station, final product run out table.

Main technical parameters:

- Suitable material: color steel sheet or galvanized steel sheet
- Suitable thickness of raw material:0.4-0.7mm
- Main motor power: 15 kw(depend on final design)
- Hydraulic station power: 4kw(depend on final design)
- Forming speed:about 15m/min
- Control system: Mitsubishi PLC&converter

Character:

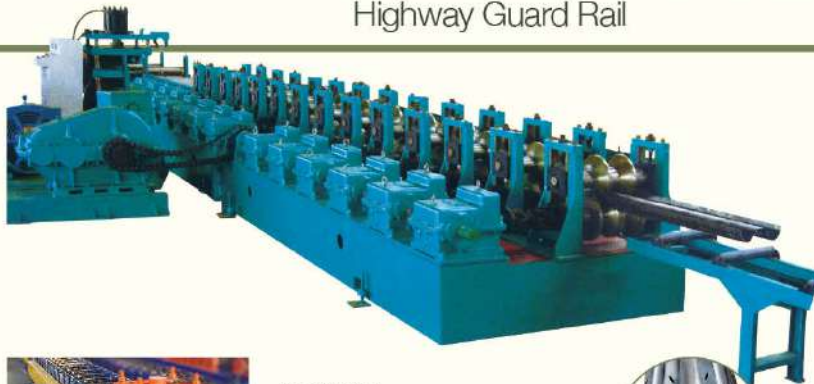
One machine can produce two different type of steel sheet; this can save more space, especially suitable for workshop with small area.



- We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

Highway Guard Rail



Specification:
STWYX83-193-310

Components:

- Uncoiler
- Feeding and guiding equipment
- Steel coil leveling equipment
- Hole punching equipment
- Main roll forming department
- Post-cutting equipment
- Hydraulic station
- PLC control table and electric controlling system
- Final product run out support table

Applicable material:

- Material: Q235A galvanized steel sheet
- Thickness: 2.0-3.2mm
- Coil width: 482mm
- Cover width: 310mm

Main parameters of the machine:

- Main motor power: 22kw (depend on final design)
- Main hydraulic power: 2.2kw (depend on final design)
- Japan Mitsubishi PLC and converter control
- Forming speed: about 8-10m/min
- Machine diameter: about 18.3m*1.5m*1.6m
- Weight: about 20 tons
- Transfer by chain or gear



ROLL FORMING MACHINE

Metal Stud And Track



Components:

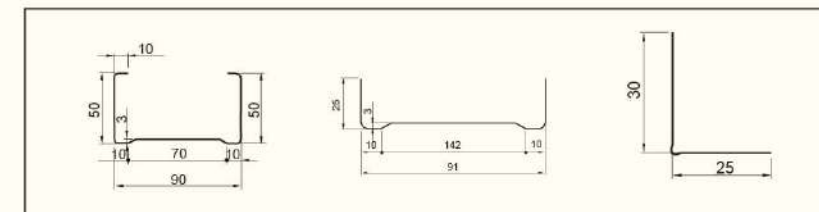
- 5 tons manual manual uncoiler
- Coil sheet feeding and guiding department
- Main forming department
- Cutting department
- PLC control table
- Hydraulic station
- Final product run out table

Machine's main parameters:

- Suitable raw material: galvanized steel sheet or strip
- Suitable thickness: 0.4-0.7mm
- Main motor power: 4kw;
- hydraulic power: 3kw (depend on final design)
- Roller groups: 12-13 groups
- Forming speed: about 15-18m/min
- Machine's weight: about 6tons
- Machine's dimension: about 6m*1.1m*1.3m

Raw material of machine main department:

- Main roller: High grade No.45 forged steel, plated hard chrome on the surface of roller with thickness 0.05mm
- Cutting blade: Cr 12 mould steel with quenched treatment.
- Electric elements: PLC control system and transducer from Japan Mitsubishi; other parts from Chinese famous brand.



• We can design the machine according to the customers' special requirements

• We can design the machine according to the customers' special requirements

ROLL FORMING MACHINE

Ridge Cap

STWYX100-440



The Technical parameters:

- Material: color steel sheet; galvanized steel sheet
- Coil thickness: 0.5mm to 0.6mm

Roll Shutter Door Roll Forming Machine

Main technical parameters:

- Suitable material: color steel sheet or galvanized sheet
- Thickness of raw material: 0.3-0.8mm
- Forming speed: about 18-22m/min
- Main motor power: 5.5Kw (depend on final design)
- Hydraulic station power: 3Kw (depend on final design)



- We can design the machine according to the customers' special requirements

FORMING MACHINE

Detailed Description Of The Roll Forming Machines



- Main forming roller and roller shaft are made of high quality No.45 steel, they are all treated and processed by CNC machine to keep its precision.
- The surface of the main forming roller is plated with chrome, this can reinforce the roller's wear-resisting, corrosion resistance and surface smoothness.

- Different panel the customers want to make, the machine's design and configuration will be different. But all the design is based on the idea that the machine can produce the perfect final product and the customers can operate and maintain the machine conveniently.



- The electric controlling system consists of five parts: operating system, touch screen, PLC, transducer and strong electricity part. the controlling system are imported from Mitsubishi company of Japan, the operation is easy and steady and can be choosed operation by manual or automatic.

- We can design the machine according to the customers' special requirements

FORMING MACHINE

Other Roll



-Hydraulic arching machine
-STWYX38-260-1000



-Hydraulic slitting machine
-Color steel coil 1250mm width, 0.3-0.8mm thickness
-leveling—slitting—cutting



-Simple slitting machine
-5 sets slitting blade or at customer's requirement



-Aluminum sheet embossing machine
-1250mm width, 0.5-0.6mm

• We can design the machine according to the customers' special requirements

Uncoiler System



-Character: semi-automatic function and synchronous coordination function with the forming machine or other production line.
-We can make hydraulic uncoiler according to the coil's capacity, such as 5tons, 8 tons.



-10 tons simple manual uncoiler
-Character: its leaves can be adjusted so that can suit different inner diameter coil (508/610mm)



-5 tons manual uncoiler



-Double head uncoiler

• We can design the machine according to the customers' special requirements

STEEL STRUCTURE

Processing Equipments



In today's fast-growing global economy, company cannot survive without constant innovation. Only the change and innovation can maintain the vitality of enterprises, create more opportunities for future development, and help us overcome the potential crisis. From fundamentally grasp of the problems and every tiny improvements to learn knowledge of the related fields, we are passing the innovation passion to every employee to become a top expert finally.

We will continue to expand the customer base and the market, and actively optimize the cost structure to closer to the market and design more products to lead to the company long-term success and prosperity.

STEEL STRUCTURE

Exhibition of Engineering



STEEL STRUCTURE

Processing Technology

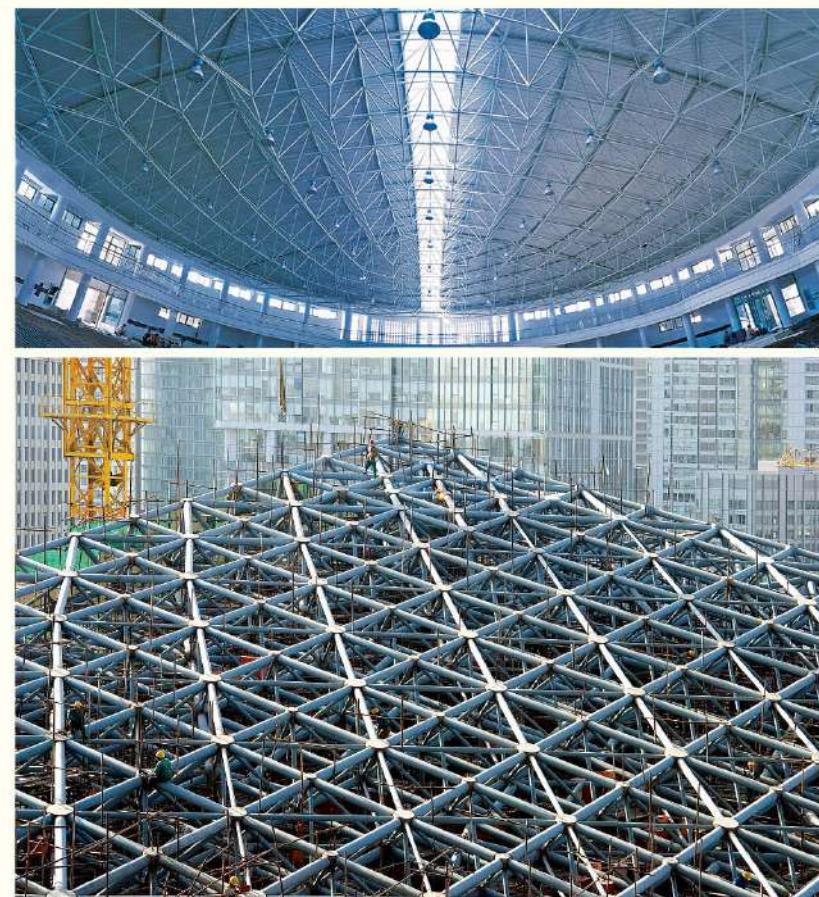
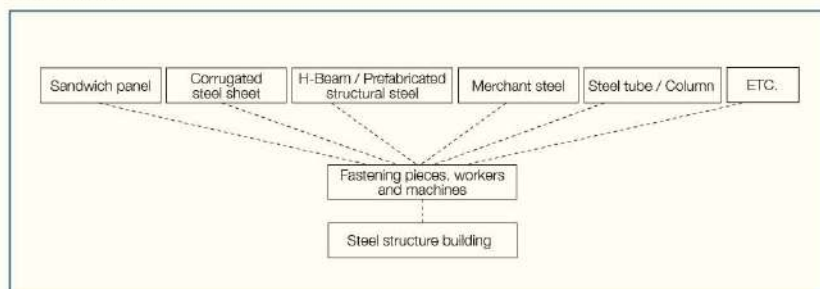
Exhibition of Engineering



Hangzhou Santiway has first level steel structure contracting qualification, with the goal to create outstanding products and provide qualified service actively to promote business diversification.

Our business involves steel structure, light steel construction, steel tile, mechanical equipment installation and other integrated steel business entity. WE have full set of advanced processing equipments, such as the DC submerged arc welding machine, exchange submerged arc welding machine. We devote ourselves into the best combination of research and production to meet the demands of different markets with competitive prices.

Steel Structure



STEEL STRUCTURE

Exhibition of Engineering

With the rich experiences in design and engineering under all conditions, we can accurately and quickly design a reliable product to fully meet customers' requirements on reasonable structure and material savings.

The project concept has been greatly integrated into the enterprise spirit of Hangzhou Santiway, it makes our engineering capabilities and skills always in a leading position.



STEEL STRUCTURE

Exhibition of Engineering



Successful cooperation expands our development path, Hangzhou Santiway regards its unique faith - "share" as a very important market strategy. We pay attention to strengthen cooperation and exchanges technology information between competitors. Meanwhile, we provide customers with the best solutions in steel structure construction, power tower, wind power and other infrastructure constructions. We established a solid foundation for the long-term development.

Packing Transportation OT Container / Break Bulk Ship



Bolts & Screws



WE CREATE NEW VALAE WITH SERVICES
AND TENACITY