

STEEL PROP

PRODUCT DESCRIPTION

COMPANY Profile >>>>

Tianjin TSX Scaffolding & Formwork Group Co., Ltd is a building materials factory approved by SGS, specialized in manufacturing and exporting varieties of steel items including kinds of steel props, steel formworks, steel decking and steel pipe. Our factory located in Daqingzhuang town, Jinghai County, Tianjin City, traffic convenience, 190kms away from Beijing Capital International Airport, 80kms from Tianjin Xingang Port.

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● Introduction:

Steel prop is used in steel pipes, H-beams, angles, etc. to enhance the stability of engineering structures. Generally, it is used as inclined connecting accessories commonly. The most common are herringbone and cross shapes. Steel prop has been widely used in subway and foundation pit enclosure.

Advantages:

- Recyclable and reusable, economical and environmentally friendly.



THE FIRST SECTION

1. Middle East Type Prop

Inner Tube Diameter	48.3mm
Outer Tube Diameter	60.3mm
Tube Thickness	1.6-4.0mm
Adjustable Length	1700-3000mm
	2000-3500mm
	2200-4000mm
	3000-5500mm
Surface Treatment	Galvanized/Painted



2. Spanish Type Prop

Inner Tube Diameter	40mm
Outer Tube Diameter	48mm
Tube Thickness	1.5-2.5mm
Adjustable Length	800-1400mm
	1600-3000mm
	2000-3500mm
	2200-4000mm
Surface Treatment	Galvanized/Painted



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3. Italian Type Prop	
Inner Tube Diameter	48mm
Outer Tube Diameter	56mm
Tube Thickness	1.5-2.5mm
Adjustable Length	800-1400mm
	1600-3000mm
	2000-3500mm
	2200-4000mm
Surface Treatment	Galvanized/Painted

THE SECEND SECTION



Common steel prop

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Cup type steel prop

THE THIRD SECTION

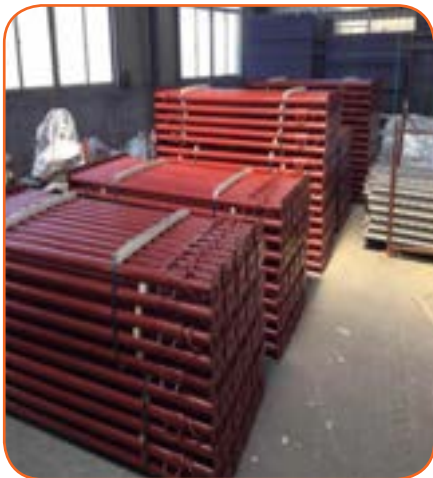
Product Detail	
Adjustable nut	
G type pin	
Screw	

Product Detail	
Cup shaped nut	
Chain shaped pin	
Top/bottom plate	





THE FOURTH SECTION



Product picture show

THE FOURTH SECTION



Product process

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STEEL SUPPORT USED IN SUBWAY ENGINEERING

Introduction

Steel prop is widely used in subway and foundation pit supporting to block the earth wall of culvert tunnel and prevent the foundation pit from collapsing.

Steel prop is assembly used in subway construction such as fixed joint, flexible joint and so on.



Additional instructions

1. Easy to assemble and dismantle and can be adjusted to any length within its range.
2. Prop parts are connected with carbon dioxide arc welding to ensure good deformation resistance.
3. Flat plate or flower plate at the top of prop can be welded as your request.
4. Produce different kinds of adjustable scaffolding steel props as your requirement.

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SCAFFOLDING

PRODUCT DESCRIPTION

● Introduction:

Scaffolding is a working platform for construction. According to the location of erection, the scaffolding is divided into outer and inner scaffolding. According to the construction form, it is divided into vertical rod scaffolding, bridge scaffolding, door scaffolding, hanging scaffolding, cantilever scaffolding, climbing scaffolding and so on.

● Advantages:

1. Large bearing capacity.
2. Easy to install and disassemble, flexible to set up.
3. Economical and durable.

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FRAME SCAFFOLDING

Introduction

Frame scaffolding is one of the most widely used scaffolding. Frame scaffolding has a simple disassembly, good bearing performance, safety and reliability.

Frame scaffolding main application:

- (1) For the top branch building, halls, bridges, viaducts, tunnels and other formwork support within the top.
- (2) Inside and outside the row grid scaffolding of high-rise building.
- (3) For active work platform of electrical installation, hull built and other renovation works.
- (4) For temporary dormitory, warehouse or shed.
- (5) For the erection of temporary grandstands and bleachers.

Classification



Portal frame



Ladder type frame

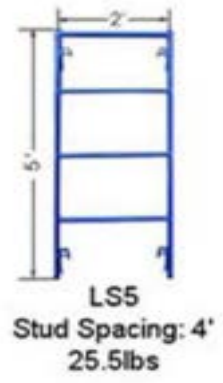
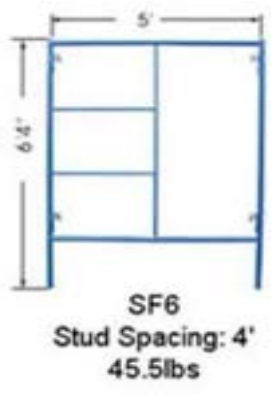
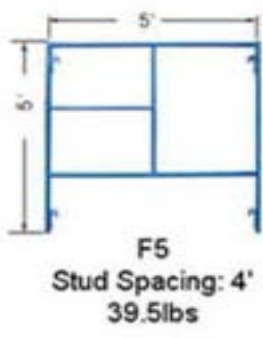
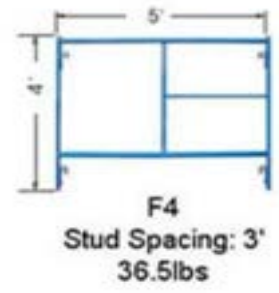
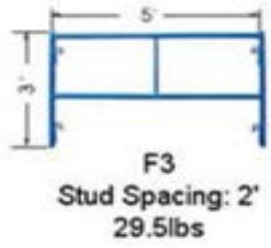
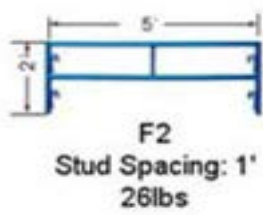
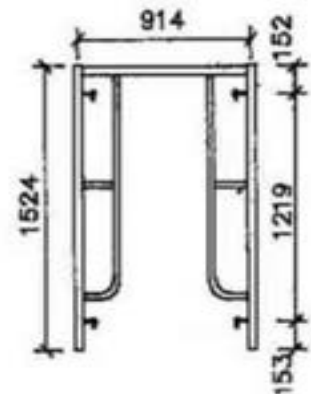
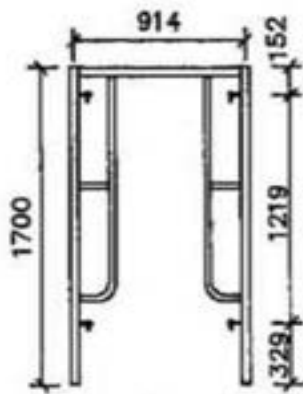
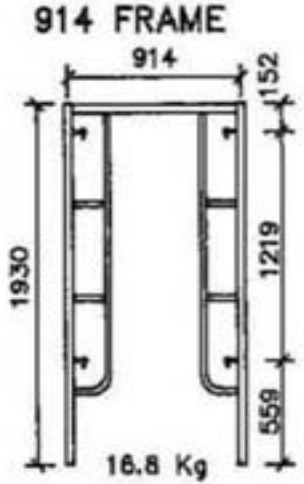
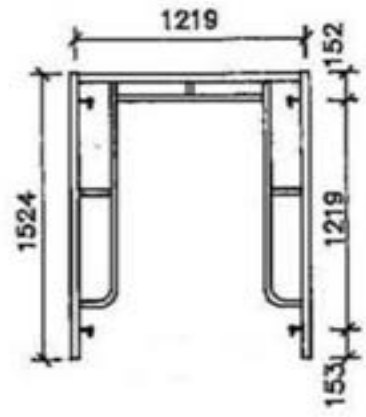
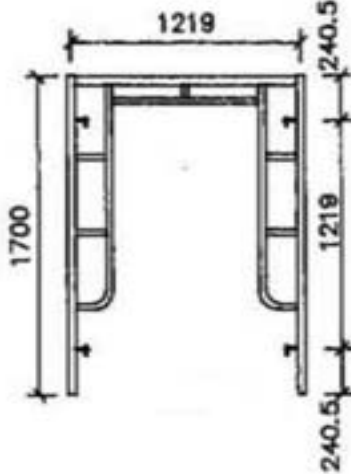
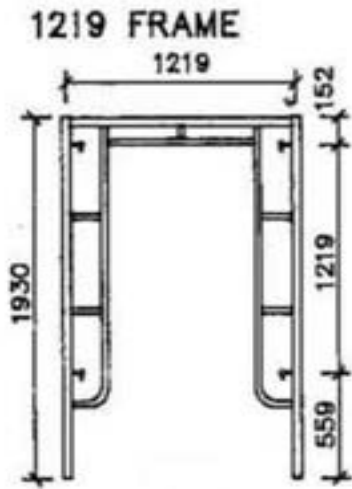
1. FRAME

Classification	Description	Specifications	Theoretical Weight	Material	Surface
Frame	Portal frame	1219×1524	10.5kg	Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized/ Pre-galvanized
		1219×1700	12.5kg	Q235	
		1219×1930	13.6kg	Q235	
	Ladder type frame	1219×914	6.7kg	Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized/ Pre-galvanized
		1219×1524	11.2kg	Q235	
		1219×1700	12.3kg	Q235	
		1219×1930	14.6kg	Q235	






Parameters

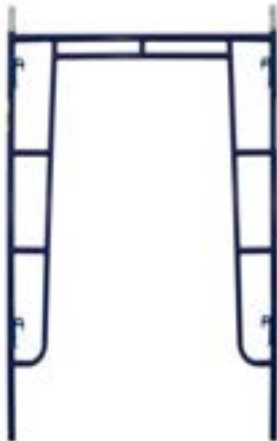
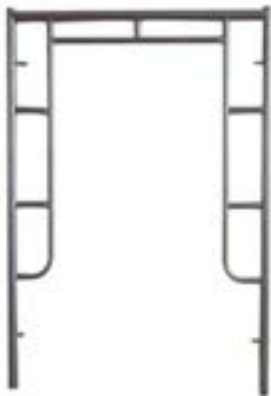




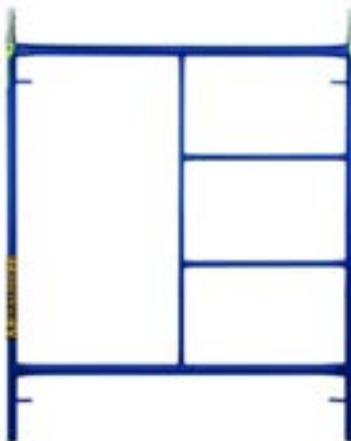
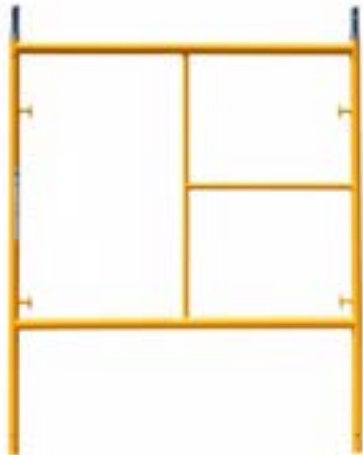
2. CROSS BRACE

Classification	Specifications	Theoretical Weight	Material	Surface	
Cross Brace	21×1.4×1363	1.9kg	Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized/ Pre-galvanized	
	21×1.4×1724	2.35kg	Q235		
	21×1.4×1928	2.67kg	Q235		
	21×1.4×2198	3kg	Q235		

Showcase



Portal frame



Ladder type frame

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Product Detail

COMPONENTS	
Frame	
Ledger/Standard	
Connecting Pin	

COMPONENTS	
Rod Head	
Cross Brace	
Connecting Rod	

Product Picture Show



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RING LOCK SCAFFOLDING

Introduction

Ringlock scaffolding is a new type of scaffolding, widely used in elevated bridge construction, tunnel construction, plant, elevated water towers, power plants, oil refineries, storage shelves, interior decoration, stage erection, sports bleachers and other projects.

Advantages:

- (1) Safer and longer system.
- (2) Easy and quick to erect, efficient and save time.
- (3) Very little material required.
- (4) Economic and versatile design.
- (5) Maintenance free and always ready for use.

Components



Standard



Ledger



Diagonal Brace

1. Vertical Standard

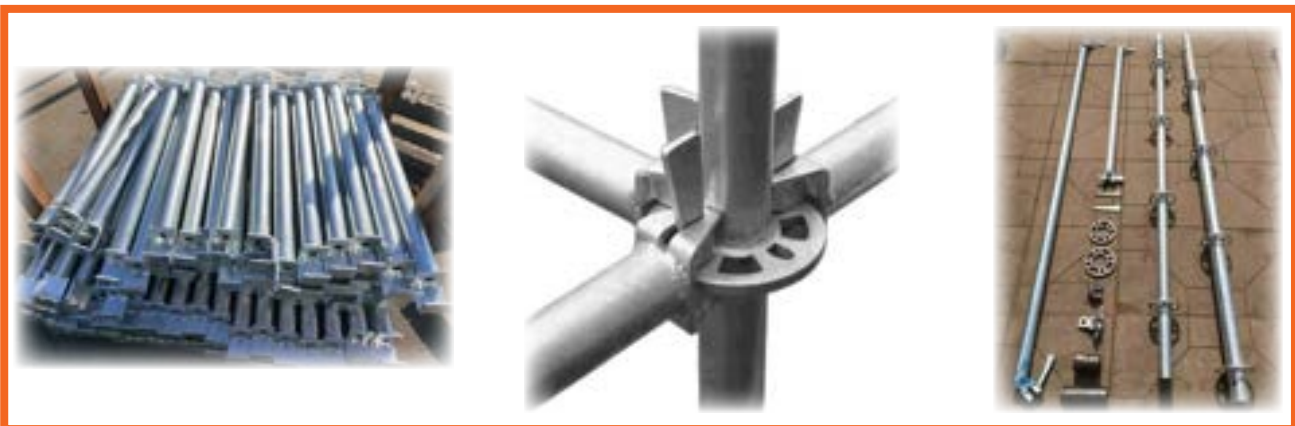
Classification	Description	Specifications	Theoretical Weight	Material	Surface
Standard	0.5m	$\varphi 48.3 \times (3.0-4.0) \times 500$	2.25kg	Q345/Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized
	1.0m	$\varphi 48.3 \times (3.0-4.0) \times 1000$	4.51kg	Q345/Q235	
	1.5m	$\varphi 48.3 \times (3.0-4.0) \times 1500$	6.67kg	Q345/Q235	
	2.0m	$\varphi 48.3 \times (3.0-4.0) \times 2000$	9.02kg	Q345/Q235	
	2.5m	$\varphi 48.3 \times (3.0-4.0) \times 2500$	11.27kg	Q345/Q235	
	3.0m	$\varphi 48.3 \times (3.0-4.0) \times 3000$	13.53kg	Q345/Q235	
	Jiont	$\varphi 38 \times 4.0 \times 270$	0.9kg	Q235	





2. Horizontal Ledger

Classification	Description	Specifications	Theoretical Weight	Material	Surface
Ledger	1.0m	$\varphi 48.3 \times (3.0-3.5) \times 951.7$	4.67kg	Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized
	1.2m	$\varphi 48.3 \times (3.0-4.0) \times 1151.7$	5.39kg	Q235	
	1.5m	$\varphi 48.3 \times (3.0-4.0) \times 1451.7$	6.47kg	Q235	
	1.8m	$\varphi 48.3 \times (3.0-4.0) \times 1751.7$	7.56kg	Q235	
	2.0m	$\varphi 48.3 \times (3.0-4.0) \times 1951.7$	8.28kg	Q235	
	2.5m	$\varphi 48.3 \times (3.0-4.0) \times 2451.7$	10.0kg	Q235	



3. Diagonal Brace

Classification	Description	Specifications	Theoretical Weight	Material	Surface
Diagonal brace	1.2×1.5m	$\varphi 48.3 \times (2.0-3.5) \times 1858$	8.16kg	Q235	Painted/ Electro-galvanized/ Hot Dip Galvanized
	1.5×1.5m	$\varphi 48.3 \times (2.0-3.5) \times 2042$	8.82kg	Q235	
	1.8×1.5m	$\varphi 48.3 \times (2.0-3.5) \times 2250$	9.58kg	Q235	
	2.0×2.0m	$\varphi 48.3 \times (2.0-3.5) \times 2401$	10.12kg	Q235	
	2.5×2.0m	$\varphi 48.3 \times (2.0-3.5) \times 2804$	11.56kg	Q235	

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Base Collar



Side Bracket

4. Base Collar

Classification	Specifications	Theoretical Weight	Material	Surface
Base collar	$\phi 48.3 \times (3.0-3.5) \times 300$	1.65kg	Q235	Electro-galvanized/ Hot Dip Galvanized

5. Side Bracket

Classification	Specifications	Theoretical Weight	Material	Surface
Side bracket	$\phi 48.3 \times 2.3 \times 680$	6.0kg	Q235	Electro-galvanized/ Hot Dip Galvanized

Usage Scenarios





Product Process



Additional instructions

1. We are a professional factory with 15 years experience, and we have more competitive price and the best after-sales service. Apart from this, we can provide a wide range of steel products to meet the needs of customers.
2. Yes, we promise to provide best quality products and delivery in time no matter if the market price change lot or not. Honesty is our company's tenet.
3. Generally, original package is steel strip. We can also do package according to customers' request.
4. We have 100% test before shipment.





COMPANY Profile >>>>

INDOOR SCAFFOLD

PRODUCT DESCRIPTION

● Introduction:

The indoor scaffold is also called the inside wall scaffold. It is the scaffolding built along the interior wall. It is divided into a variety of types, it can be used for internal and external wall masonry and interior decoration construction, with less material, flexible and light and other advantages.

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PRODUCT DESCRIPTION



6' Long Multi-Use Scaffold

Overall Length	73-3/4" ; 187.325cm; 1873.25mm
Overall Width	29-1/4"; 74.2949cm; 742.949mm
Overall Height	75"; 190.5cm; 1905mm
Folded Length	N/A
Highest Standing Level	73"; 185.42cm; 1854.2mm
Overall Weight	138Lbs; 63kg
Thickness	0.135"; 0.3429cm; 3.429mm



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PRODUCT DETAIL



Adjustable
Caster



Double
Buckle



Frame with
Buckle
Positions



size:40cm×40cm



Spring Clip



Wood Plank

Adjust Height Level of The Wooden Plank



1)size:
108cm*53cm*119cm
2)weight: 27kg
3)Loading Capacity:
150kg
4)material: steel



1)size:
180cm*67cm*190cm
2)weight: 80kg
3)Loading Capacity:
500kg
4)material: steel



1)size:
180cm*67cm*280cm
2)weight: 130kg
3)Loading Capacity:
500kg
4)material: steel



1)size:
180cm*67cm*460cm
2)weight: 230kg
3)Loading Capacity:
1000kg
4)material: steel



Application





Description	
Type	Steel Scaffolding
Warranty	3 Years
After-sale Service	Online Technical Support
Application	Hotel, Office Building, School, Mall, Workshop
Material	Q235 Steel
Size	180cm*67cm*190cm



TSX PRODUCTS FOR YOUR CONSTRUCTION NEED!



STEEL FORMWORK

PRODUCT DESCRIPTION

● Introduction:

Steel formwork is a steel formwork used for concrete casting and forming, instead of the traditional wood formwork, plywood formwork and so on. It is widely used in construction because of its beautiful shape. It has the advantage of multiple uses.

● Advantages:

Reinforcement system, High strength components, Strong combination stiffness, High production accuracy, Flat-fell seam tightly, Not easy to deformation, Good integrity and earthquake resistance earthquake resistance.

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PRODUCT DESCRIPTION

Product Description	
Material	Q195 or Q235
Surface treatment	Painted
Color	Red, blue, or as you required
Welding technique	CO2 arc Welding
Lenth(mm)	450-1800
Width(mm)	100-900
Height(mm)	55
Package	Without outer packing or as you required
Application	Civil construction, bridge construction
Note	Flat Forms:Used for forming plane surfaces, fabricated into rectangular panels of various standard widths and lengths.
	Inner Corner Forms:Used for forming inner right-angled corners of a structure.
	Corner Angles: Used for forming external angles by combining 2 flat forms into a right-angled corner.





CLASSIFICATION

Flat Form



CODE	DIMENSION(MM)
F2018	200×1800×55
F2015	200×1500×55
F2012	200×1200×55
F2009	200×900×55
F2007	200×750×55
F2006	200×600×55



CODE	DIMENSION(MM)
F3018	300×1800×55
F3015	300×1500×55
F3012	300×1200×55
F3009	300×900×55
F3007	300×750×55
F3006	300×600×55

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CODE	DIMENSION(MM)
F1518	150×1800×55
F1515	150×1500×55
F1512	150×1200×55
F1509	150×900×55
F1507	150×750×55
F1506	150×600×55



CODE	DIMENSION(MM)
F1218	125×1800×55
F1215	125×1500×55
F1212	125×1200×55
F1209	125×900×55
F1207	125×750×55
F1206	125×600×55



CODE	DIMENSION(MM)
F1018	100×1800×55
F1015	100×1500×55
F1012	100×1200×55
F1007	100×750×55
F1006	125×600×55

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Inner Corner Form



CODE	DIMENSION(MM)
CF0518	100×1800×150
CF0515	100×1500×150
CF0512	100×1200×150
CF0509	100×900×150
CF0507	100×750×150
CF0506	100×600×150
CF5518	150×1800×150
CF5515	150×1500×150
CF5512	150×1200×150
CF5509	150×900×150
CF5507	150×750×150
CF5506	150×600×150

Corner Angle Form



CODE	DIMENSION(MM)
CA0015	50×1500×50
CA0012	50×1200×50
CA0009	50×900×50
CA0007	50×750×50
CA0006	50×600×50

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L-Shape Forms



CODE	DIMENSION(MM)
L1015A	100×300×150
L1015B	100×350×150
L1015C	100×400×150
L1015D	100×450×150
L1015E	100×500×150
L1515A	100×300×150
L1515B	150×350×150
L1515C	150×400×150
L1515D	150×450×150
L1515E	150×500×150

Square Corner Form



CODE	DIMENSION(MM)
S1515A	150×300×150
S1515B	150×350×150
S1515C	150×400×150
S1515D	150×450×150
S1515AA	100×325×150
S1515BB	100×375×150
S1515CC	100×425×150
S1515DD	100×475×150

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Formwork Accessories



PIN	
Stub Thickness	4.00-8.00mm
Length	40.00-200.0mm
Surface	Galvanized/Gold Color Galvanized
Materials	Q235/20#



WEDGE	
Thickness Plate	2.50/2.75/3.00mm
Length	70.00/80.00mm
Surface	Galvanized/Gold Color Galvanized
Materials	Q235/20#



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SHOWCASE



TSX PRODUCTS FOR YOUR CONSTRUCTION NEED!

Web: <http://www.tsxgroupe.com/> Tel: 86-22-83973806





PACKAGING TRANSPORTATION



Product Features

1. Easy assembly, flexible assembly and disassembly efficiency.
2. Recyclable, energy saving and environmental protection.
3. Higher support strength, bearing capacity.
4. The formwork is provided with climbing holes specially designed for the placement of counter bolts, which is applicable to the foundations of buildings both at home and abroad.



STEEL PLANK

PRODUCT DESCRIPTION

COMPANY Profile >>>

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● Introduction:

Steel plank is a new portable foot plate and it is used commonly construction equipment, energy, chemical industry, shipbuilding and other construction projects. It replaces the bamboo pedal product, and its weight is one third less than the old steel foot plate. In the construction site is fireproof, environmental friendly and safe. Steel plank is a horizontal member designed to be installed with frame scaffolding to serve as a working platform. And it is a component to be used with scaffolding so as access diagonally from lower to upper. It is incorporated with non-skid surface so as to prevent from slipping when working on the platform.

● Advantages:

It has long life, good skid resistance, good load capacity and good stability. And it is less affected by temperature and humidity than traditional products.



PRODUCT DESCRIPTION



PRODUCT DESCRIPTION

Width(mm)	Height(mm)	Length(mm)	Thickness(mm)	Surface Treatment
210mm	45mm	3000mm	1.2mm	Galvanized
225mm	63mm	1829mm	1.8mm	Galvanized
240mm	45mm	3000mm	1.5mm	Galvanized
250mm	50mm	3000mm	1.5mm	Galvanized
300mm	50mm	3000mm	1.5mm	Galvanized
320mm	76mm	3000mm	1.5mm	Galvanized
450mm	45mm	1829mm	1.1mm	Galvanized
480mm	45mm	1829mm	1.1mm	Galvanized
500mm	45mm	1829mm	1.2mm	Galvanized





CLASSIFICATION

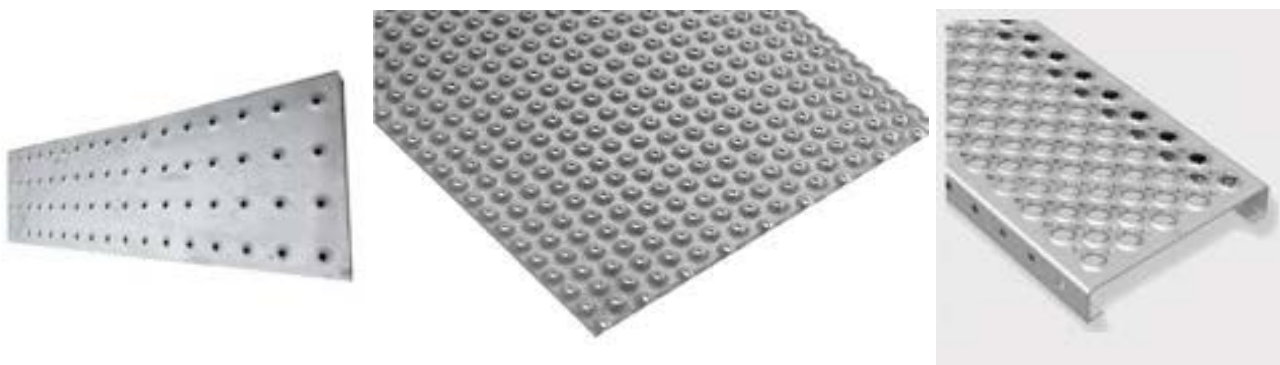
CLASSIFICATION			
Classification	Specifications	Surface	Surface
Steel Plank	200×45× (1.0-2.0) × (1000-4000)	Hot Dip Galvanized/ Pre-galvanized	
	210×45× (1.0-2.0) × (1000-4000)		
	225×38× (1.0-2.0) × (1000-4000)		
	240×45× (1.0-2.0) × (1000-4000)		
	250×50× (1.0-2.0) × (1000-4000)		
	300×50× (1.0-2.0) × (1000-4000)		
Steel Plank with Hook	200×45× (1.0-2.0) × (1000-3000)	Hot Dip Galvanized/ Pre-galvanized	Plate Rib or Square Rib Thickness:1.0-2.0mm Length:can be customized Hook:43mmor50mm
	210×45× (1.0-2.0) × (1000-3000)		
	225×38× (1.0-2.0) × (1000-3000)		
	240×45× (1.0-2.0) × (1000-3000)		
	250×50× (1.0-2.0) × (1000-3000)		
	300×50× (1.0-2.0) × (1000-3000)		
	400×45× (1.0-2.0) × (1000-3000)		
	420×45× (1.0-2.0) × (1000-3000)		
	480×45× (1.0-2.0) × (1000-3000)		
	500×50× (1.0-2.0) × (1000-3000)		





PERFORATED DECK

MORE SIZE TYPE CAN BE CUSTOMIZED!



SPECIFICATIONS DESCRIBE

Width(mm)	100-400mm
Height(mm)	45-60mm
Length(mm)	1000-4000mm
Thickness(mm)	1.0-3.0mm
Surface Treatment	Galvanized

Product measurement



TSX PRODUCTS FOR YOUR CONSTRUCTION NEED!





SHOWCASE

Steel Plank



Steel Plank with Hook



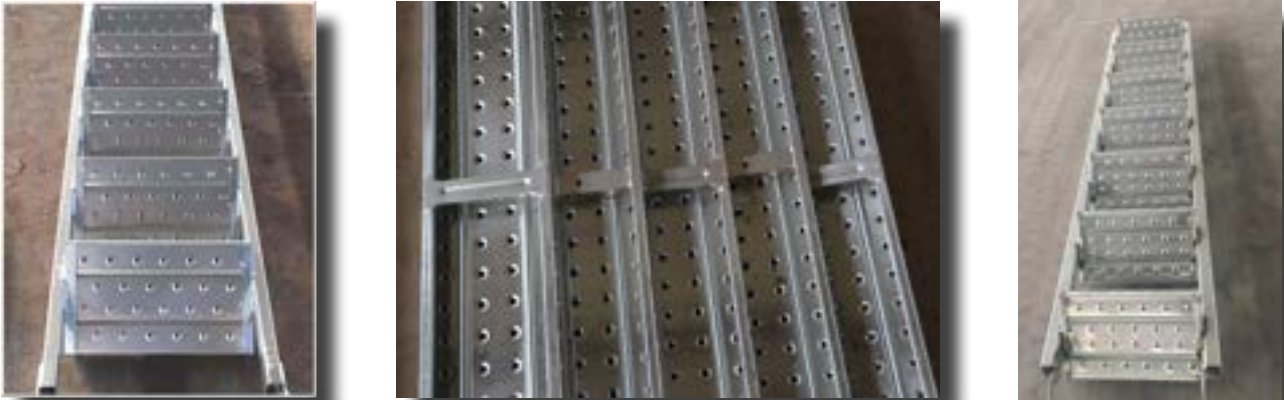
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Web: <http://www.tsxgroupe.com/> Tel: 86-22-83973806





Steel Ladder



PACKAGING TRANSPORTATION



PRODUCT PROCESS



Product Features

1. Convenient for workers to walk on high building.
2. Stamping holes are helpful to resist skidding for workers.
3. Galvanized surface makes scaffolding plank more stronger in the rainy days.
4. Various size of scaffolding steel plank could be custom-made.

TSX PRODUCTS FOR YOUR CONSTRUCTION NEED!



STEEL PIPE

PRODUCT DESCRIPTION

COMPANY Profile >>>>

Tianjin TSX Scaffolding & Formwork Group Co., Ltd is a building materials factory approved by SGS, specialized in manufacturing and exporting varieties of steel items including kinds of steel props, steel formworks, steel decking and steel pipe. Our factory located in Daqingzhuang town, Jinghai County, Tianjin City, traffic convenience, 190kms away from Beijing Capital International Airport, 80kms from Tianjin Xingang Port.

The quality is always the basement of our survival and development. Skilled employees carry out the procedure inspection from raw material to final product, the scientific and exact quality control and management provide a reliable guarantee for 100% delivered acceptance. We adopt quality following system to make customers be assured of our quality. Will continue to provide our customers the best quality & price!

● Introduction:

Steel pipe can be used for welding frame, buried wire pipe and conveying fluid, etc. It is mainly used in construction industry. According to its surface treatment, steel pipe can be divided into black pipe, galvanized pipe and pre-galvanized pipe.



PRODUCT DESCRIPTION



Galvanized Steel Pipe

Material	Q195 or Q235
Surface treatment	Galvanized
Standard	GB/T13793-1992, GB/T14291-2006, GB/T3091-1993, GB/T3092-1993, GB3640-88, BS1387/1985, ASTM A53/A36, EN39/EN10219, API 5L, GB/T9711.1-99
Length	1-9m
Weight	Different specifications different weight
Thickness	2.0-6.0mm
Emboss	Available
Application	Civil construction, bridge construction





CLASSIFICATION

Circular Steel Pipe



Square Steel Pipe



Difform Steel Pipe



SHOWCASE



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GREENHOUSE STEEL PIPE



Introduction

Steel pipe is galvanized pipe used in building greenhouses skeleton material. Its coating is relatively uniform, its adhesive ability is strong and its use life is long, thus it has been widely used, especially in cold area, desert and arid regions to resist low temperature dry and hazards of sand storms. Countries around the world for the development of agricultural production has built steel pipe greenhouse.

The two most commonly used steel pipes for greenhouse pipe are hot-dip galvanized steel pipe and pre galvanized steel pipe. They have the same appearance, same function, different service life and prices. The zinc coating of hot-dip galvanized greenhouse pipe is stronger, and its service life is longer. The service life of pre galvanized greenhouse pipe can be increased by increasing the thickness of zinc layer, which is very cost-effective.

Greenhouse pipe function:

(1) With a thick fine pure galvanized layer to cover the steel surface, it can prevent the steel matrix from corrosion.

(2) It has strong connection, zinc-iron intersolubility, and strong wear resistance.

Advantages:

(1) The skeleton surface of the greenhouse steel pipe is smooth, the covering film of the greenhouse is not easy to be damaged, and its service life is prolonged;

(2) Easy to transport, install and bent;

(3) Not easy to rust, corrosion, small heat conduction, smooth surface and beautiful appearance;

(4) Can be mechanized operation, increase work efficiency;

(5) High production efficiency, can be arbitrarily adjusted;

(6) Good load bearing capacity and strong wind and snow resistance;

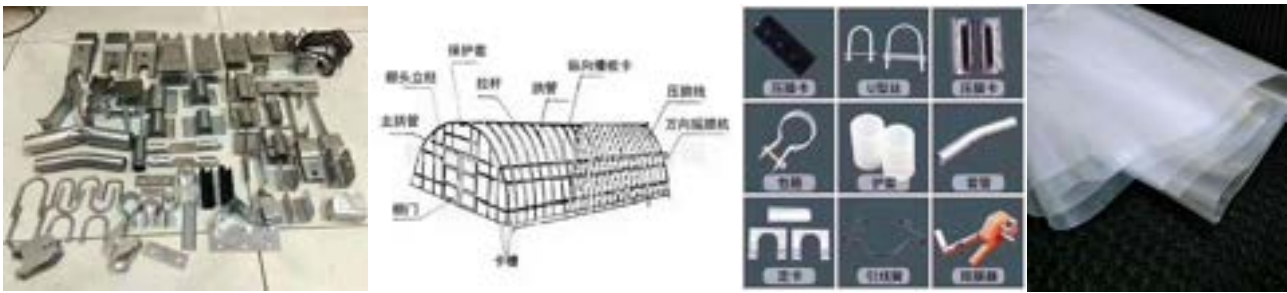
(7) Low cost and recyclable;

(8) Wide scope of application, reasonable structure, convenient installation and labor saving.





PRODUCT DETAIL



Greenhouse Steel Pipe

Material	Q235 or Q345
Surface treatment	Galvanized/Pre-Galvanized
Service Life	More than 15 years
Size	Customized
Snow load	0.45KN/ m²
Wind load	0.45KN/ m²
Rainwater discharge	140mm/h
Quality grade	Excellent
Processing services	Design size, Bending, Drilling, Reduced diameter, Adjustable type, Welding, Galvanized, Installation.
Roof covering	PO film, Black and white film, Felt, Rock wool, Sunshine board.
Installation	Parts assembly, No welding.
Application	Planting, Farming, Warehousing, Sightseeing hall.
Fittings	All types of pipe fittings.





SHOWCASE

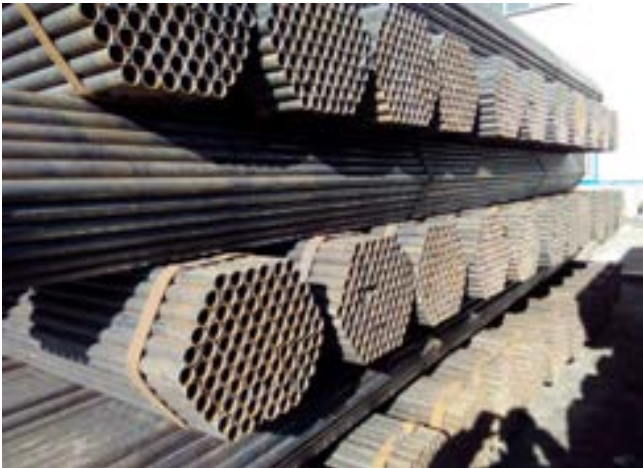


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PRODUCT PROCESS



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PACKAGING TRANSPORTATION



Product Features

- 1.The skeleton surface of the greenhouse steel pipe is smooth, and the covering film is not easy to be damaged, which extends the service life of the greenhouse film;
- 2.Easy to transport and install. The height, radian, shoulder height, angle of shed can be bent through bending machine;
- 3.No easy to rust and corrosion, small heat conduction, smooth surface and beautiful appearance;
- 4.Can be mechanized operation, increase the use area, save labor and improve work efficiency.
- 5.Good load-bearing capacity, high strength, great toughness and strong wind resistance;
- 6.Greenhouse steel pipe skeleton can be used for nursery, spring and autumn greenhouse, flowers, breeding, small workshops. The frame can be assembled with clamp screws, which can be removed and moved. It can be covered with double-layer and three-layer film. So it is used widely because of reasonable structure, easy installation and low cost.

