



AMA STEEL STRUCTURE & CONSULTANCY
Total Solution of Building

MESSAGE:

Due to recent expansion and development of industrial sector in Bangladesh, the uses of pre-fabricated steel buildings are becoming popular. Structures having relatively larger clear span in respect of concrete structures can be assembled within shortest possible time by using pre-fabricated panels. In future the concept of pre-fabricated steel structure in Bangladesh will play a vital role in the construction field. It is a technologically advanced construction system and also modern technique.

Designers are well acquainted to design very complicated, style, aesthetically beautiful, all kind of industry/corporate office/warehouse/multistoried buildings etc are using pre-fabricated system in our country. Pre-fabricated steel buildings are light and more earthquake resistant than conventional reinforced concrete structures. It is expected that a number of more companies / entrepreneur like **AMA STEEL STRUCTURE & CONSULTANCY** will come in this business and will build the pre-fabricated buildings available for the general users.

AMA STEEL STRUCTURE & CONSULTANCY (AMASSC) began operating in supply, fabrication and steel building construction as one of the most diversified institution in Bangladesh with expertise services in designing, fabricating and erecting steel buildings. These services encompass a wide range of fully supported steel metal roofing, cladding, galvanized structural decking, purlin, roof tiles, clip lock, all necessary building accessories, structural steel design and erection. We believe that **AMASSC** is the company having necessary set up and expertise to provide a complete solution for residential, industrial and commercial steel buildings.

With that driven force we set up our manufacturing process with state of art technology, skilled manpower trained by foreign trainers and uses of high quality **raw materials**. **Having a highly experienced team of engineers and technical experts AMA STEEL STRUCTURE & CONSULTANCY** has established a state of the art Steel Fabrication Factory in Moiran, Gazipur, Bangladesh. Our obligation is to provide the highest quality products and services to meet the needs of our customers. SSC has the ability to fabricate all kind of orders and customizing various types of architectural metal work.

OUR MISSION AND VISION

Our mission and goal is to keep the number one position in this sector. To be the head of state Pre-engineered Steel Building establishment in the country providing high quality products and services backed by latest technology and a team of highly motivated personnel to deliver quality in steel products supply & fabrication. So, the mission of **AMA STEEL STRUCTURE & CONSULTANCY** is

- ❖ To design, fabricate and erect steel structure of any kind for growth and development with the best quality materials in a shortest possible time.
- ❖ To Rapid formulation of company policy giving priority to valued client.
- ❖ To offer all technical support to customers for achieving maximum satisfaction.
- ❖ To maintain all standard codes of steel structure and strive for continual development in technology and service.
- ❖ To make cost-effective designs that precisely matches the standard codes of steel structure without compromising the quality and artistic glory of the project.

ABOUT AMASSC

In the year 2013 **AMA STEEL STRUCTURE & CONSULTANCY** started its formal operation; with a sister consent of **SANWARA STEEL & CRIMP LTD** is 100% Export Oriented Garments Industry most experienced and self recognized professionals with many years of shared history in the relevant field. "The title is new, but the team is familiar".

PRE-ENGINEERED BUILDING SYSTEM

AMA STEEL STRUCTURE & CONSULTANCY are tailor made solutions to customer needs and requirements. A typical PEB comprises of primary & secondary membranes, roof & wall claddings, and choice of thermal & acoustic insulations, choice of mezzanine floors, crane beams and integrated accessories.



Why you will make steel Structure Building?

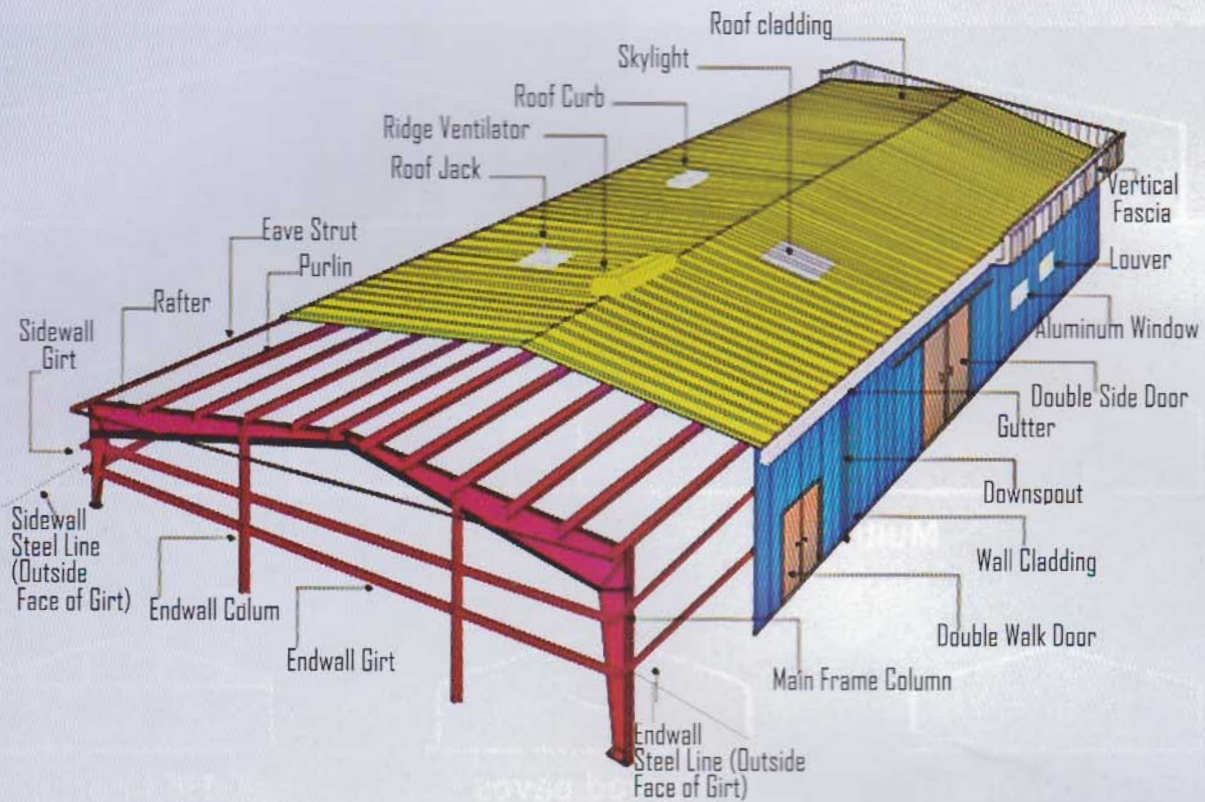
- Shortest construction period
- Earthquake/registrant wind thrust
- Cost effective
- Re-sellable
- Large span with no beams or posts to get in the way
- Transferable
- Easily expanded to any length
- Manufactured exclusively
- High resellable perfect for virtually any commercial, industrial

Why you will come in AMA steel structure & consultancy

- ✓ Own design section & cost-effective design
- ✓ We have an factory where we make all types of steel building's components
- ✓ Experienced technical personnel
- ✓ Proper planning & friendly technical suggestion
- ✓ High quality workmanship
- ✓ All time work monitoring
- ✓ Ensure best quality imported materials
- ✓ Available pre- fabricated steel building accessories
- ✓ We are bonded and fully insured for the customer's protection



PRE-ENGINEERED BUILDING ELEMENTS



PRE-ENGINEERED BUILDINGS COMPONENTS

A Pre-Engineered Buildings is a steel shell utilizing three distinct product categories:

- ❖ Built-up "I" shaped primary structural framing members (columns and rafters).
- ❖ Cold-formed "Z" and "C" shaped secondary structural members (roof purlins, eave struts and wall girts).
- ❖ Roll formed profiled sheeting (roof and wall panels).





2 span propped portal



3 span propped portal



Multispan



Lean-to



Eaves overhang



Curved eaves



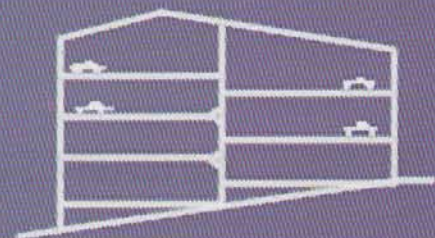
Tied-portal



High Bay



Multistorey frames
and office blocks



Multistorey car-parks



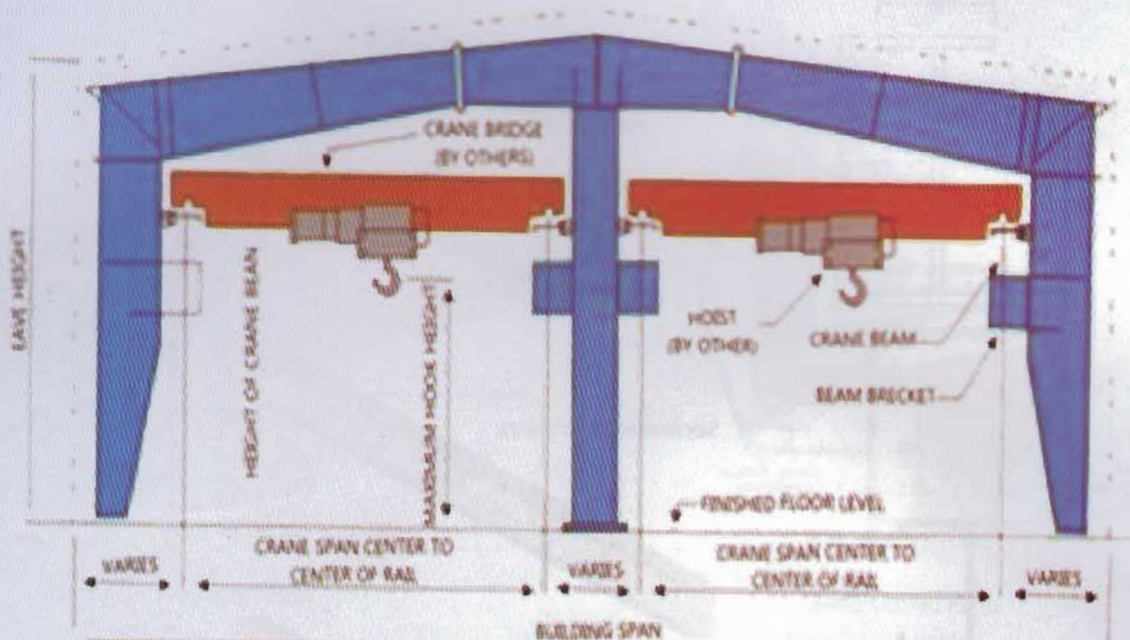
Low cost apartment
frames



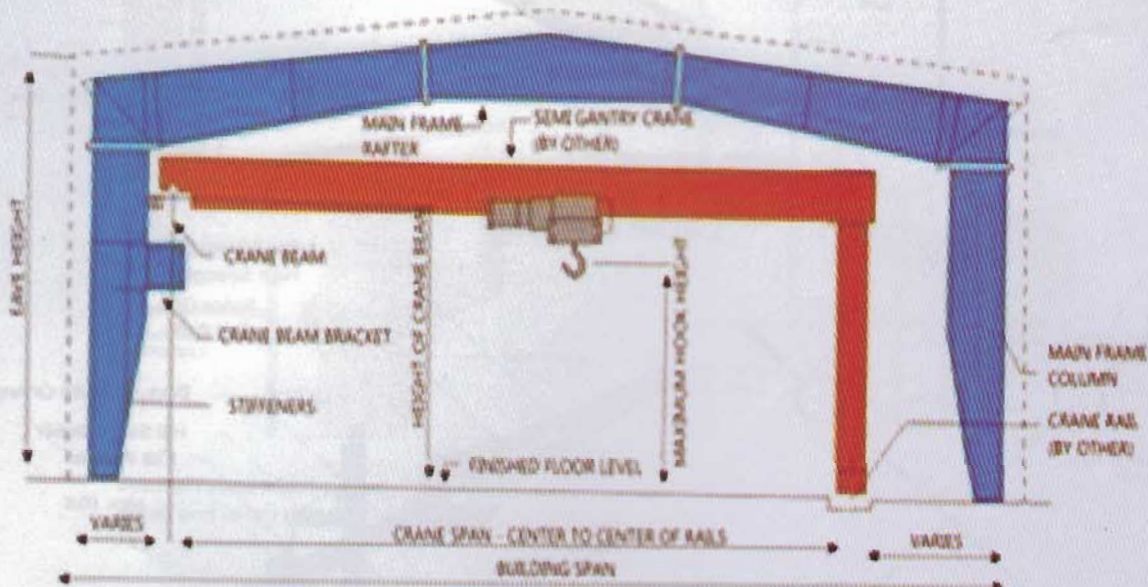
Domestic housing
frames



'Tropical' villas/offices



TOP RUNNING CRANE IN A MULTI - SPAN BUILDING

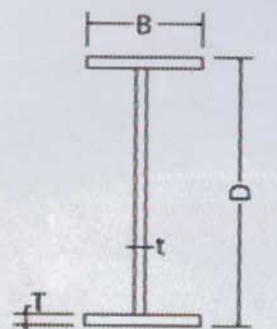


SEMI - GANTRY CRANE

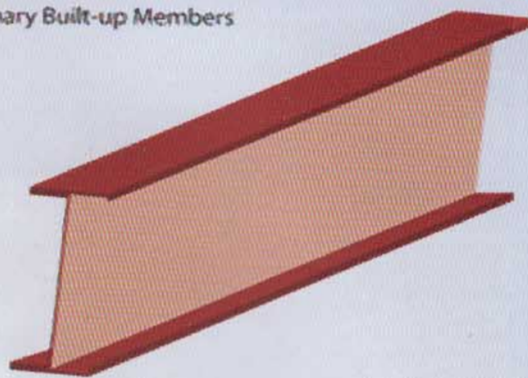


GENERAL STEEL MEMBERS

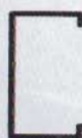
Primary Built-up Members



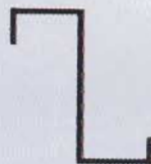
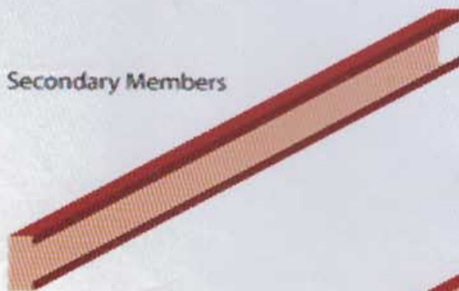
Primary Member (Steel Section)



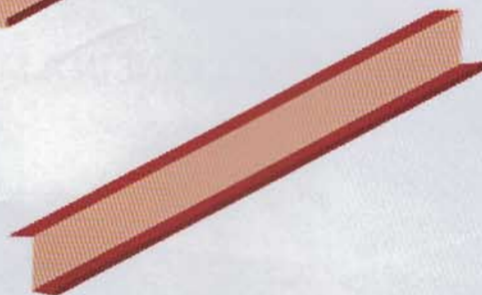
Secondary Members



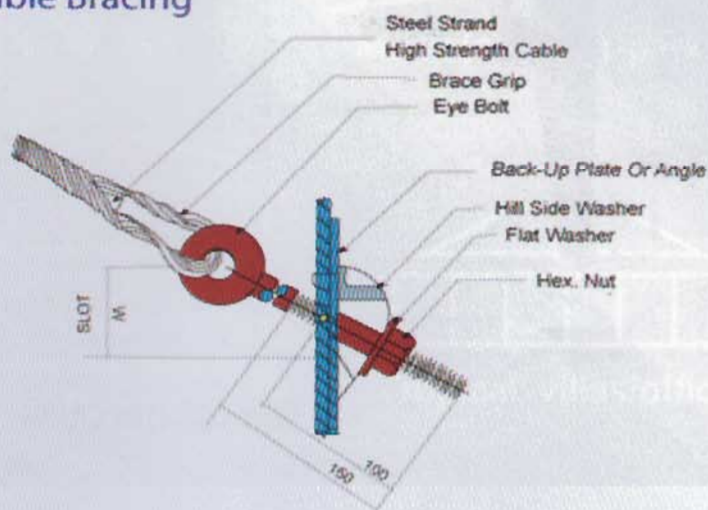
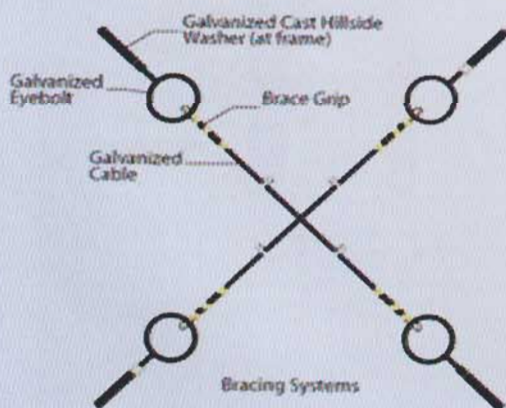
Secondary Member (C-Purlin)



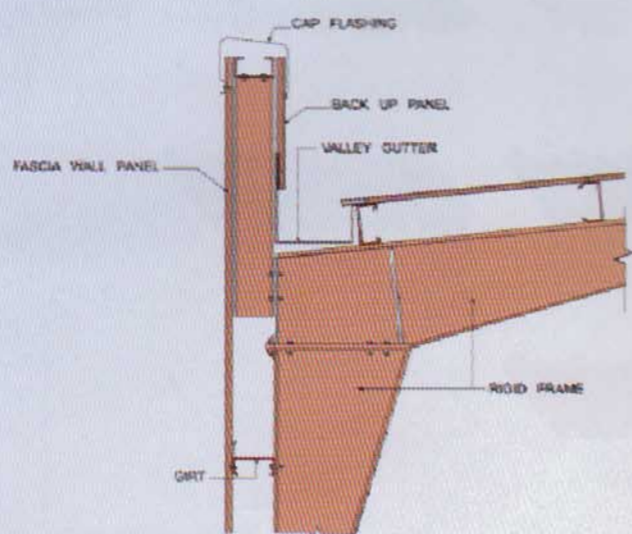
Secondary Member (Z-Purlin)



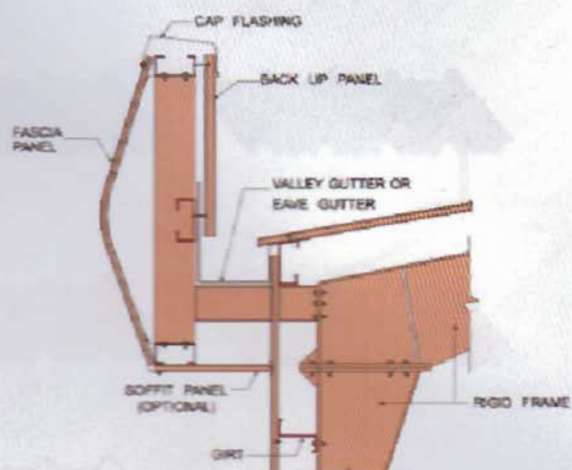
Cable Bracing



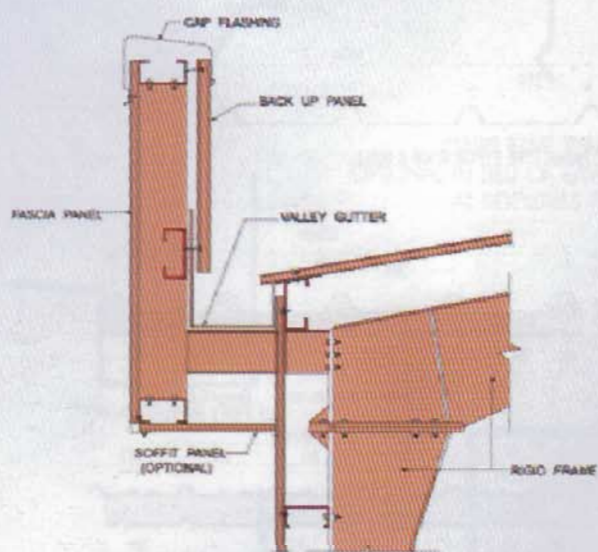
SECONDARY MEMBERS



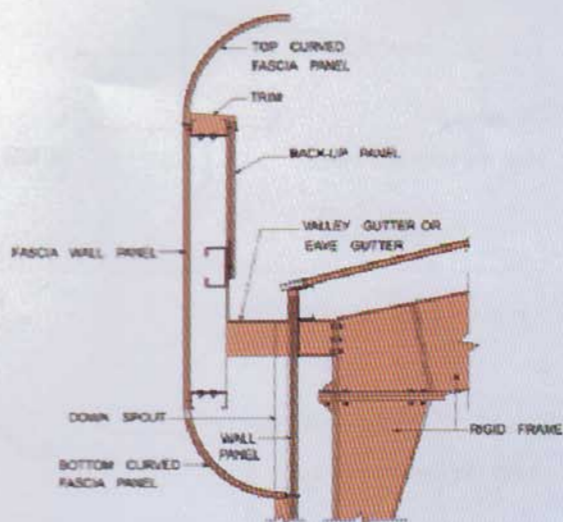
Parapet Fascia



Center Curved Fascia



Vertical Fascia with back up panel and valley gutter



Top & Bottom Curved Fascia



COLOR PANELS & DECKING



G-1



G-2



G-3



8-1



B-2



R-3



R-1



R-2



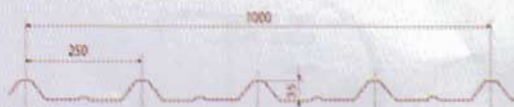
W-1



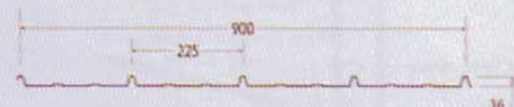
W-2



BK-1



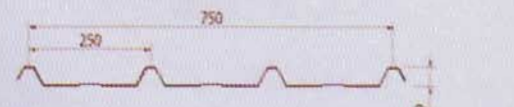
PANEL TYPE E (FOR ROOF & WALL)



PANEL TYPE C (FOR WALL ONLY)



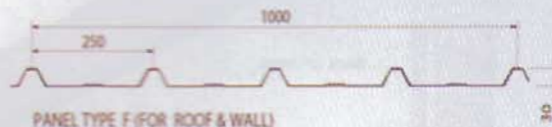
PANEL TYPE B (FOR ROOF AND WALL)



PANEL TYPE D (FOR ROOF & WALL)



PANEL TYPE A (FOR ROOF AND WALL)



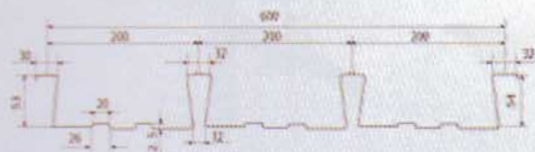
PANEL TYPE F (FOR ROOF & WALL)



SANDWICH PANEL 100 $T(mm)=25,52,75,100$



SANDWICH PANEL 200 $f(\text{mm})=25,50,75,100$



TRIMS & DRAINAGE COMPONENTS



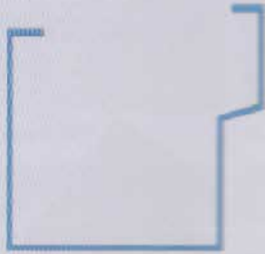
RIDGE CAPPING



GABLE TRIM



FRAMED OPENING TRIM



EAVE GUTTER



HOOD TRIM
FOR SLIDING DOOR



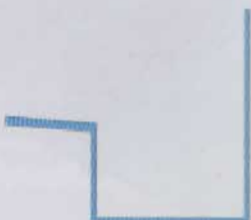
VALLEY GUTTER (TYPE 2)



OASIS EAVE TRIM
OPTIONAL IN LIEU OF EAVE GUTTER
AT SIDEWALLS



CAP FLASHING



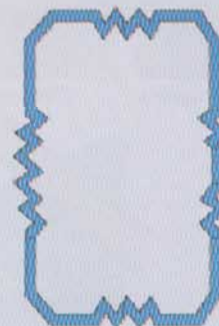
VALLEY GUTTER (TYPE 1)



OUTSIDE CORNER TRIM



DRIP TRIM



DOWN PIPE

SEAM



OUR PRODUCTS:

VARIOUS STRUCTURAL STEEL SHAPES



Typical "Z" Section



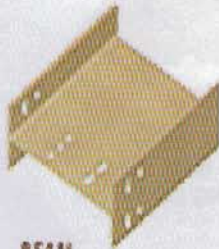
Typical Rafter



Typical Column



Typical "C" Section



BEAM



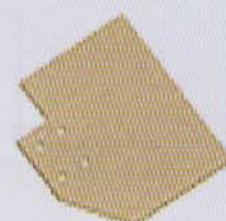
HSS



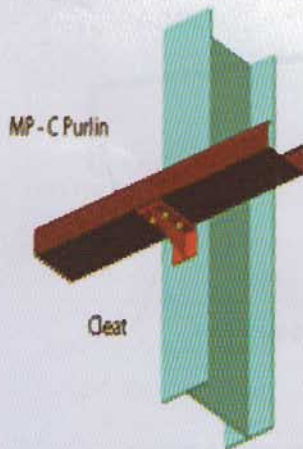
CHANNEL



ANGLE

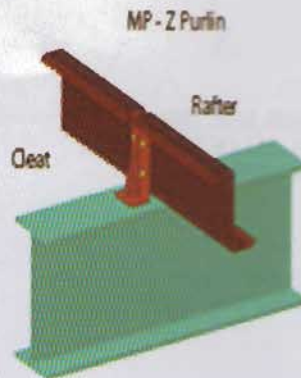


PLATE



MP - C Purlin

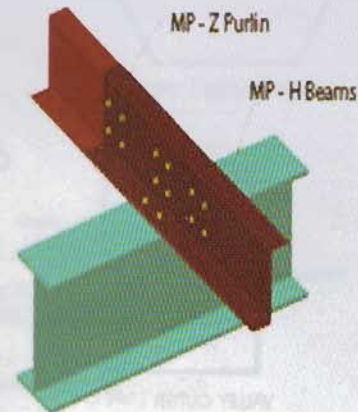
Cleat



MP - Z Purlin

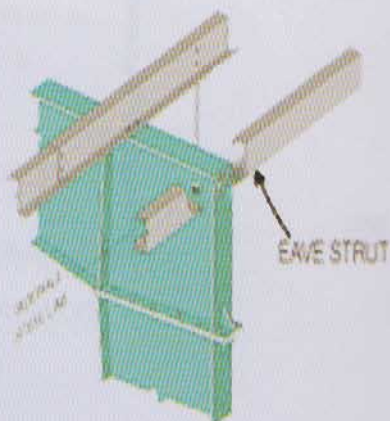
Rafter

Cleat



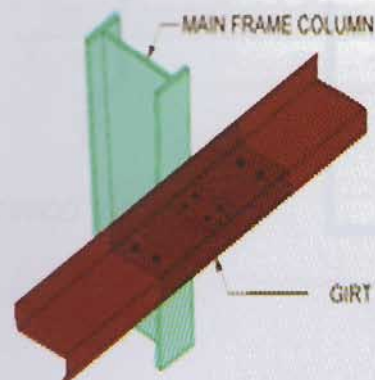
MP - Z Purlin

MP - H Beams



EAVE STRUT

ROOF STEEL LAG



MAIN FRAME COLUMN

GIRT

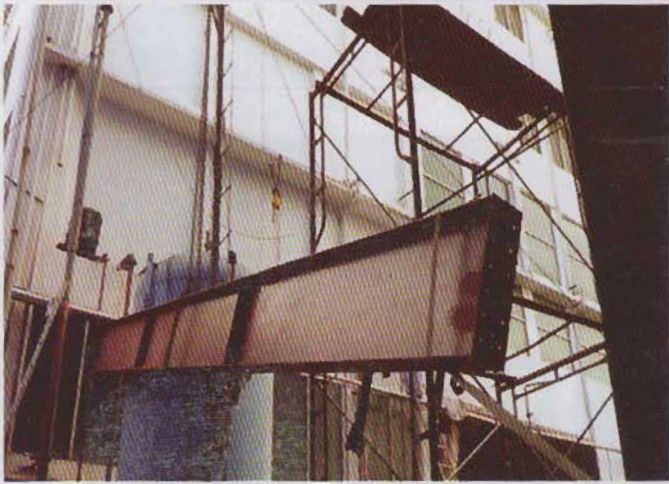


Color Guide

				
Snowdrift White (W81) ^{1,2}	Linen White (81) ^{1,2}	Sandstone (W51) ²	Parchment (W74) ^{1,2}	Taupe (74) ²
				
Khaki (86) ²	Mansard Brown (133) ²	Medium Bronze (H4) ²	Weathered Copper (W50) ^{1,2}	Dark Bronze (50) ²
				
Ash Grey (25) ²	Old Town Grey (W25) ^{2,3}	Old Zinc Grey (W29) ^{2,3}	Slate Grey (W38) ^{2,3}	Matte Black (106) ²
				
Aged Copper (65) ²	Patina Green (W58) ^{2,3}	Hemlock Green (M7) ^{2,3}	Classic Green (66) ²	Felt Green (W66) ^{2,3}
				
Patriot Red (73) ²	Terra Cotta (W72) ^{2,3}	Colonial Red (W75) ²	Brandywine (P8) ²	River Teal (59) ²
				
Metallic Silver (K7) ^{2,3}	Champagne Metallic (168) ^{2,3}	Mistique Plus (W31) ^{2,3}	Copper Penny (W92) ^{2,3}	Antique Patina (M1) ^{2,3}
				
Tahoe Blue (W71) ^{2,3}	Ocean Blue (35) ²	Regal Blue (W35) ^{2,3}		



OUR PROJECT



APEX HOLDINGS LTD (Chiller and Cooling Tower)



SANWARA STEEL & CRIMP LTD



ASROTEX LTD



SILKEN SEWING LTD



SANWARA STEEL & CRIMP LTD



ADVANCE POLTRY AND FISH FEED





ESSENTIAL CLOTHING LTD



COTTON DEVELOPMENT BORD (GREEN HOUSE)



RADIX LTD



MY ONE



CHASHI VAI AGRO INDRESTRY LTD



ESSENTIAL CLOTHING LTD





BD KNIT DESIGN LTD



GCL GROUP



NETWORK APPAREL LTD



UTTAR SHALNA APPARELES LTD



SILKEN SEWING LTD



REX SWEATERS LTD



OUR MAJOR CLIENT LIST

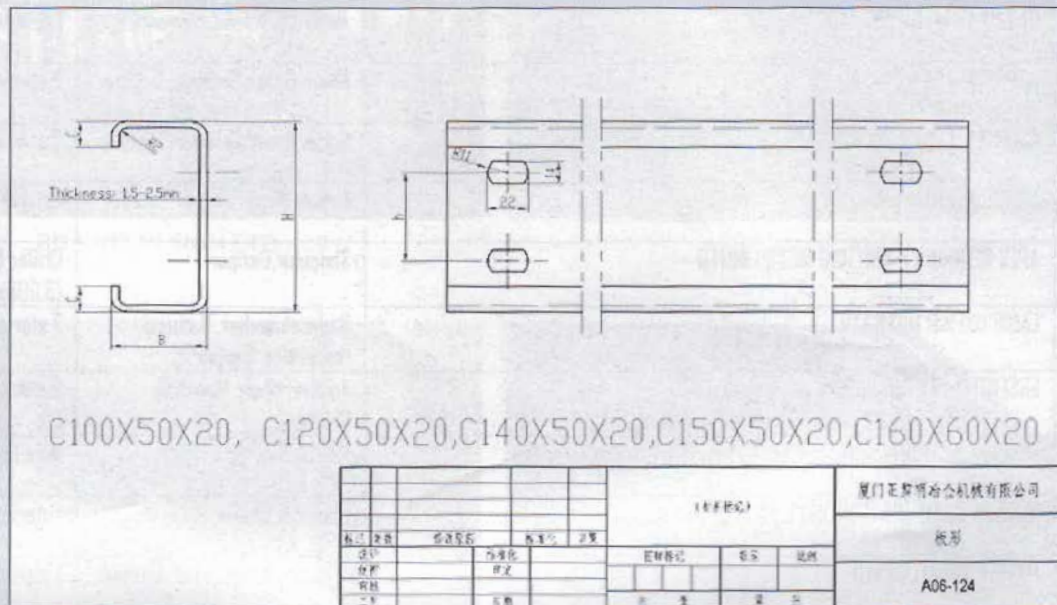
SL. NO.	CLIENT NAME	ADDRESS	BUILDING CATEGORY & AREA
1.	SILKEN SEWING LTD (BUILDING 1)	Memberbari Gazipur.	2 storied, 25,000Sft
2.	SILKEN SEWING LTD (BUILDING 2)	Memberbari Gazipur.	4 storied, 52,000Sft
3.	SILKEN SEWING LTD (BUILDING 3)	Memberbari Gazipur.	4 storied, 27,000Sft
4.	RAIDHA COLLECTIONS LTD	Zamirdia, Vaiuka, Mymensingh.	1 storied, 8,000Sft
5.	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	2 storied, 16,000Sft
6.	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	2 storied, 26,000Sft
7.	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	1 storied, 7,000Sft
8.	APEX SPINNING & KNITTING MILLS LIMITED	Shopipur, Gazipur.	Chiller & Cooling tower (3,000sft)
9.	LABIB DYEING MILLS LTD	Badacolmashor, National University, Gazipur.	2 storied, 20,000Sft
10.	ESSENTIAL CLOTHING LTD	Aquilyerchala, Mouchak, Gazipur.	2 storied, 20,000Sft
11.	MYONE ELECTRONIC LTD	Moiran, Gazipur.	Wire house 4,000Sft
12.	MODERN GRAPHICS PRINTING & PACKAGING LTD	Dhamrai, Dhaka.	1 storied, 6,000Sft
13.	MATRIX SWEATERS LTD	Soidana, Hazirpuckor, Gazipur.	1 storied, 5,000Sft
14.	ORIGIN APPARELES LTD	Vouride, Porabari, Gazipur.	1 storied, 20,000Sft
15.	ADVENCE POLTRY AND FISH FEED	Zogiya, Kustia	1 storied, 22,000Sft
16.	UTTAR SHALNA APPARELES LTD	Porabari, Gazipur.	1 storied, 10,000Sft
17.	REX SWEATERS LTD	Soidana, Hazirpuckor, Gazipur.	1 storied, 40,000Sft
18.	NETWORKS APPARELES LTD	Chandona, Gazipur.	1 storied, 18,000Sft
19.	INTRACO SWEATERS LTD	Hashem Plaza DEPZ Gate, Ganak Bari, Saver, Dhaka	1 storied, 18,000Sft
20.	NASIR FEED MILLS LTD	Jogia, Kustia.	1 storied, 27,000Sft
21.	SANWARA STEEL & CRIMP LTD	Moiran, Gazipur.	1 storied, 12,000Sft
22.	RADIX LTD (CHILLER TOWER)	Kasampur, Gazipur	3 storied
23.	RADIX LTD (Dying shade)	Kasampur, Gazipur	1 storied, 5,000Sft
24.	RADIX LTD (ETP)	Kasampur, Gazipur	12,00,000 litter capacity
25.	BD KNIT DESIGN LTD	Malakerbari, Gazipur	2 storied, 35,000Sft



MACHINERIES & EQUIPMENTS

COLD ROLLING MILLS FOR C PURLIN

PROFILE



MACHINE COMPONENTS

MANUAL UN-COILER



HYDRAULIC PRE-SHEARING DEVICE



COLD ROLLING MILLS

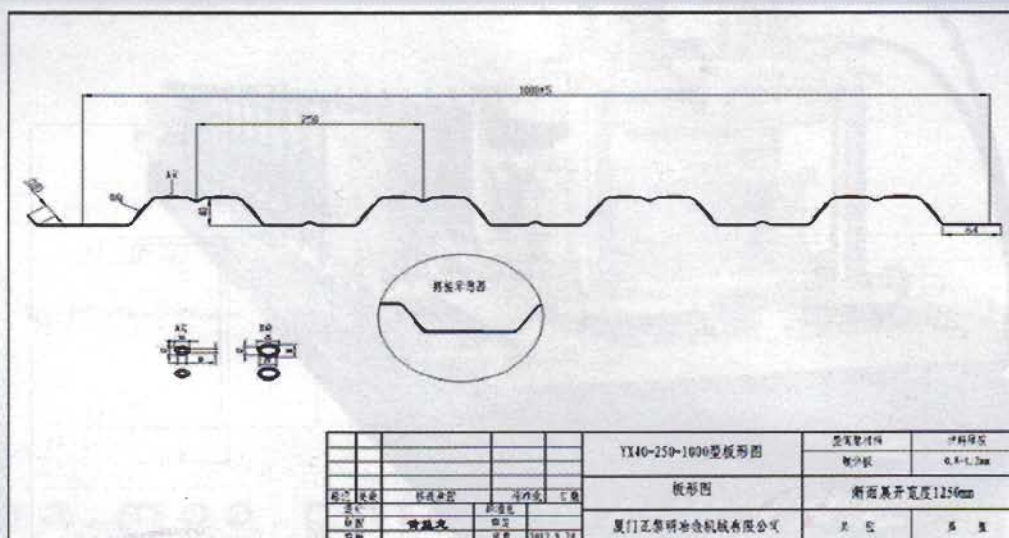


SAMPLES BELOW FOR YOU REFERENCE



COLD ROLLING MILLS FOR FLOOR DECKING

PROFILE



Machine Components

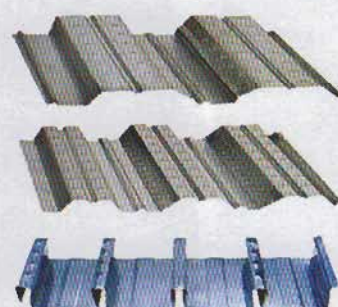
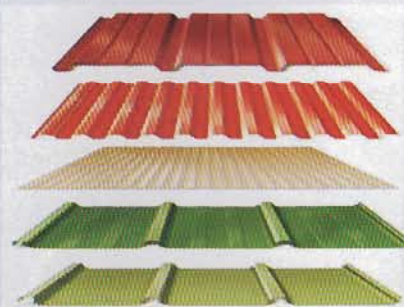
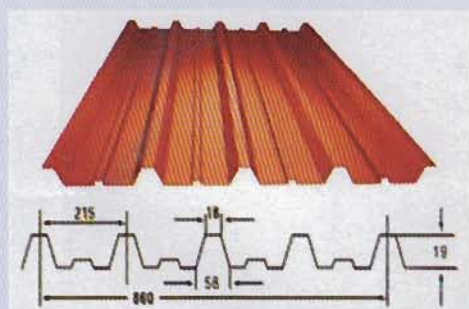
Hydraulic Un-coiler



Cold Rolling Mills

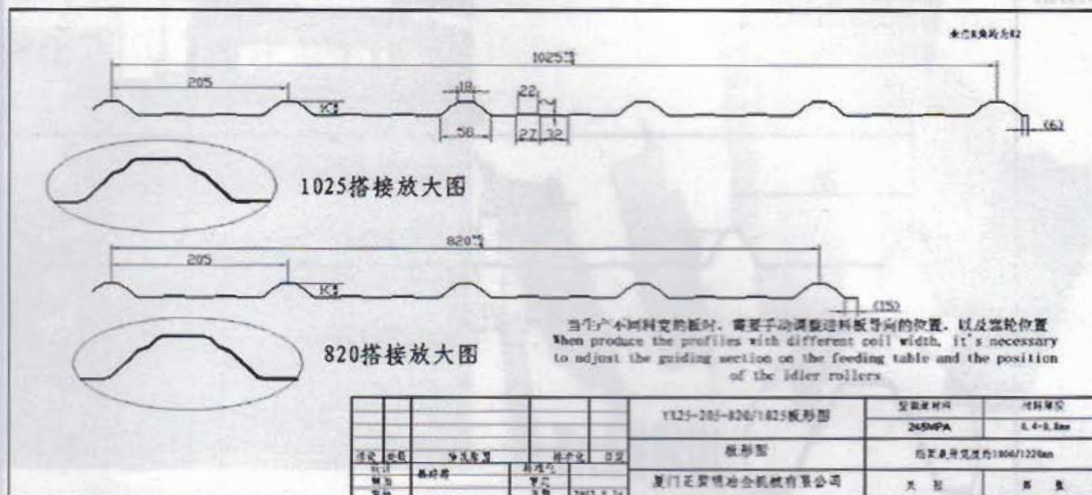


Samples below for you reference



COLD ROLLING MILLS FOR ROOF PROFILE

Profile:



Machine Components

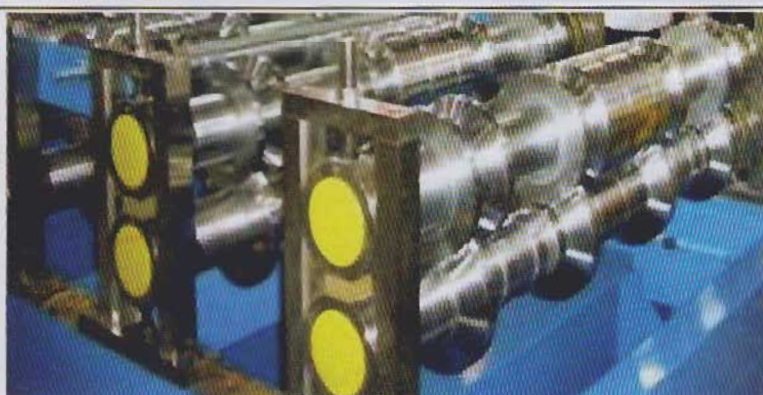
5Ton*1250mm Hydraulic un-coiler



Entry roller & Manual Pre-shearing device Un-powered

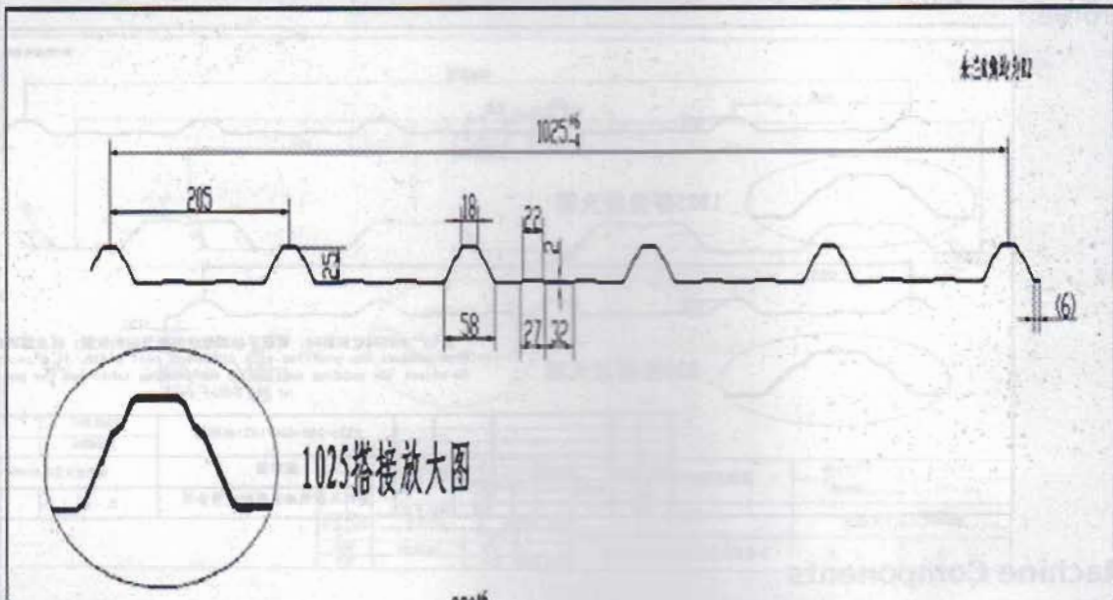


Cold Rolling Mills



AUTO CRIMPING CURVED MACHINE FOR ROOF PROFILE

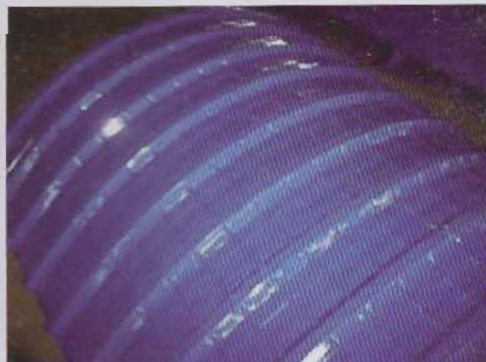
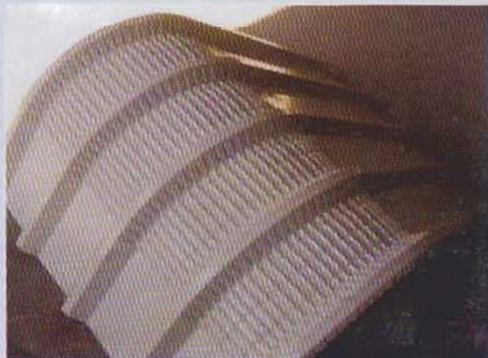
Profile:



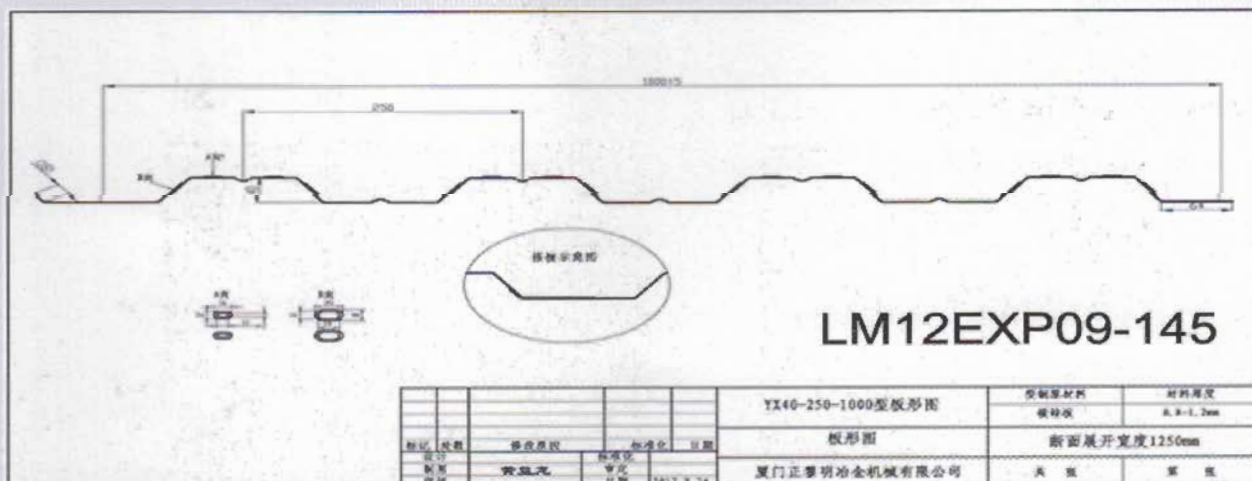
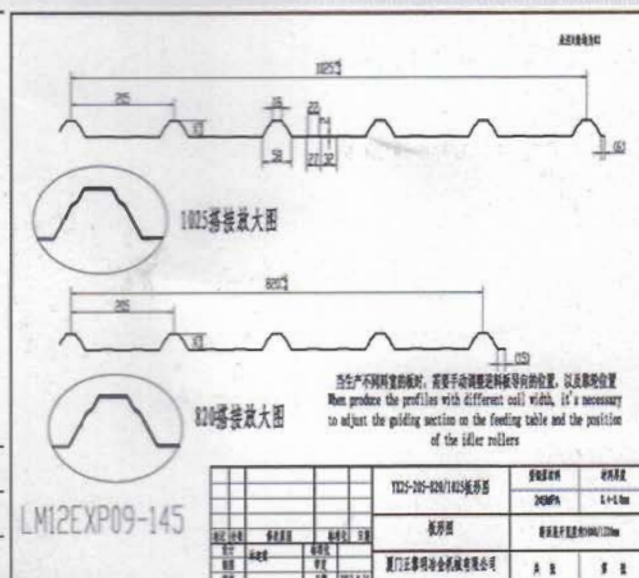
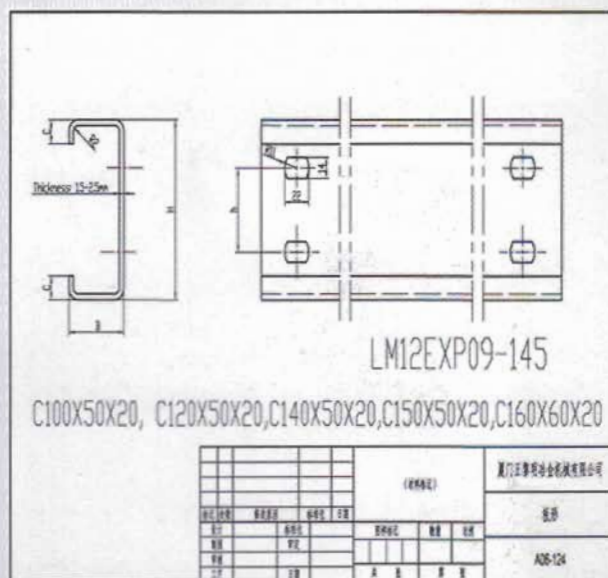
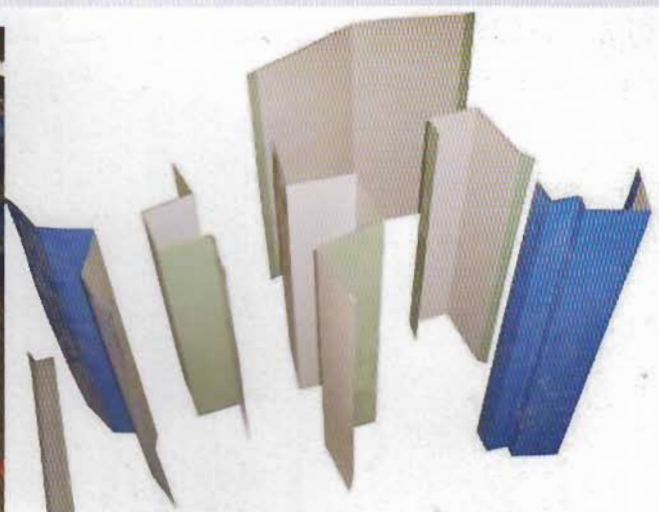
Machine Components



Samples below for you reference.



HYDRAULIC FOLDING MACHINE





Office : Panjery Valley, Ground floor (Back side of Islami Bank) Tangail Road, Joydebpur, Chowrasta, Gazipur
Mobile : 01712 350435, E-mail : amasteel2013@gmail.com, amasteel@ymail.com, abukhalidhasan@yahoo.com
Factory : Moiran, National University, Gacha, Tongi, Gazipur, Email: snsteelcrimp@gmail.com