



Light frame system

for shoring & scaffolding

Saving
time



Light frame

for scaffolding

Various
Heights



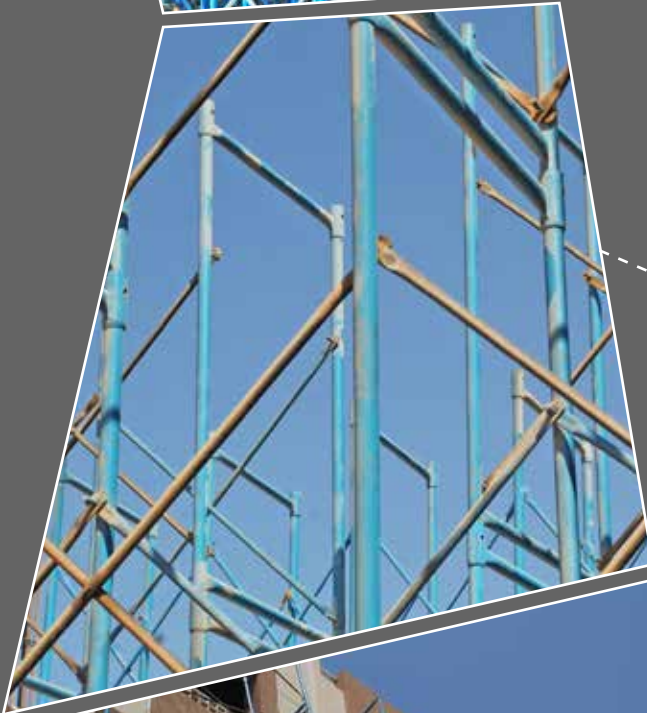
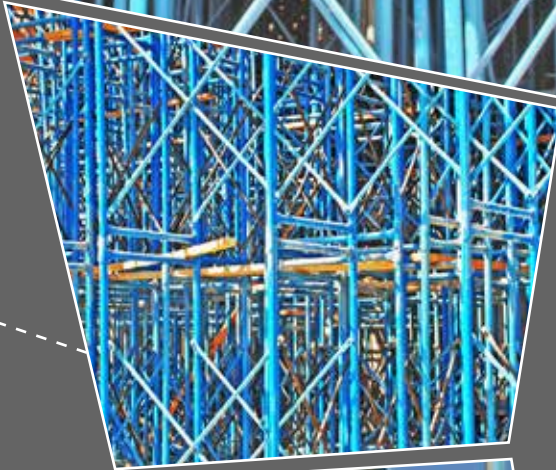
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WELCOME



Easy in
dismantling



Easy in
Erection



Light Frame

Introduction

Main Features

Frame used to give the required heights with high rigidity.
Using cross brace and horizontal to stand up the scaffolding.
It's helpful to stand the material and operators with higher safety.

Advantages of light duty frames

Easy in erection & dismantling so it does not need skilled labors
Variable heights can be obtained
Saving time & labors costs
Composed of standard components & which can be used in different projects & systems.
Limited system in lost items because it has so little accessories .

22

Light Frame faced Scaffolding system

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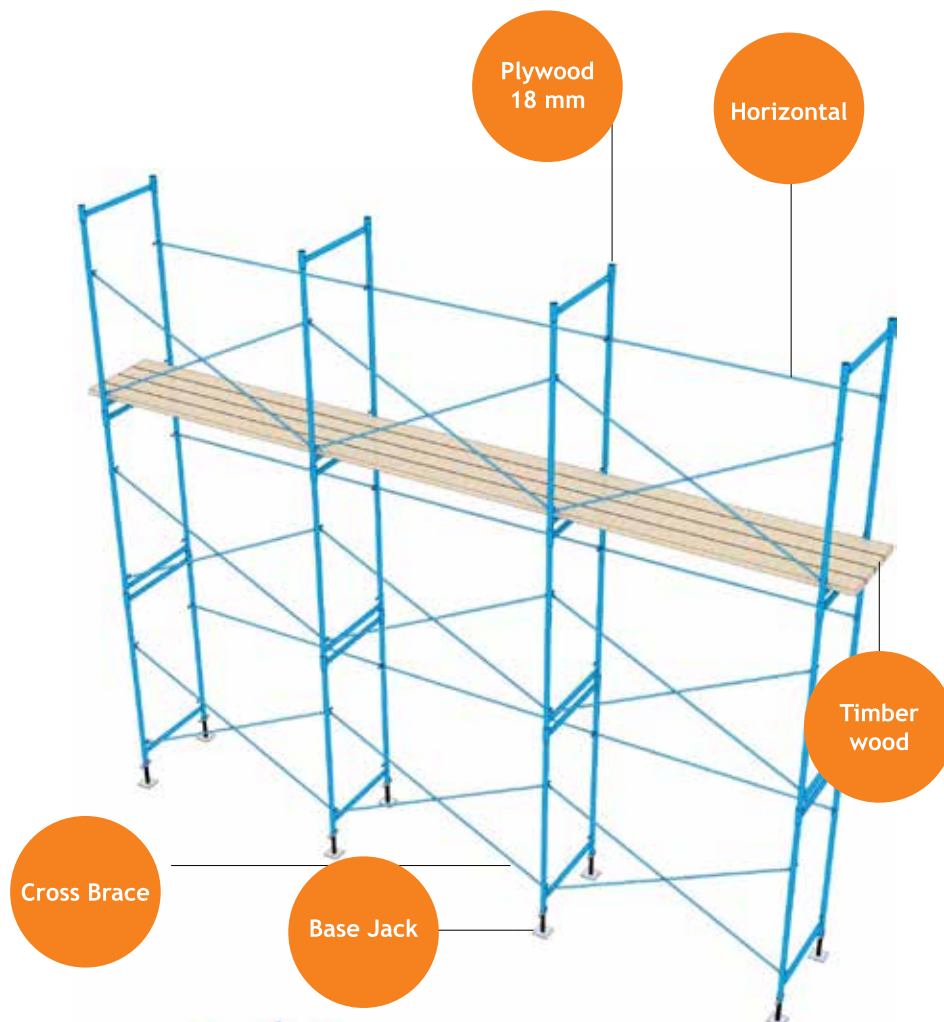
Applications

Painting.
Plastering.
Cleaning and maintenance works.
Give rigid structure.

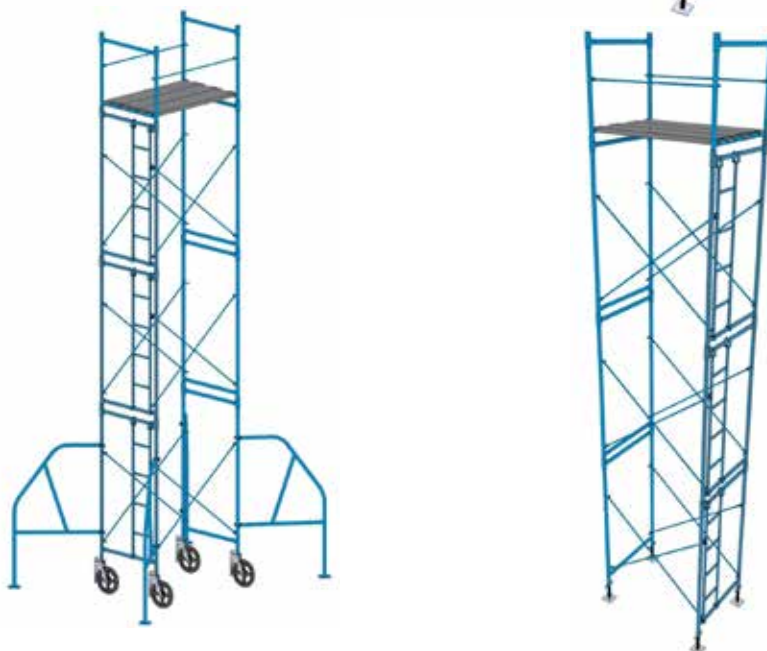


Light Frame

System Overview



Mobile tower



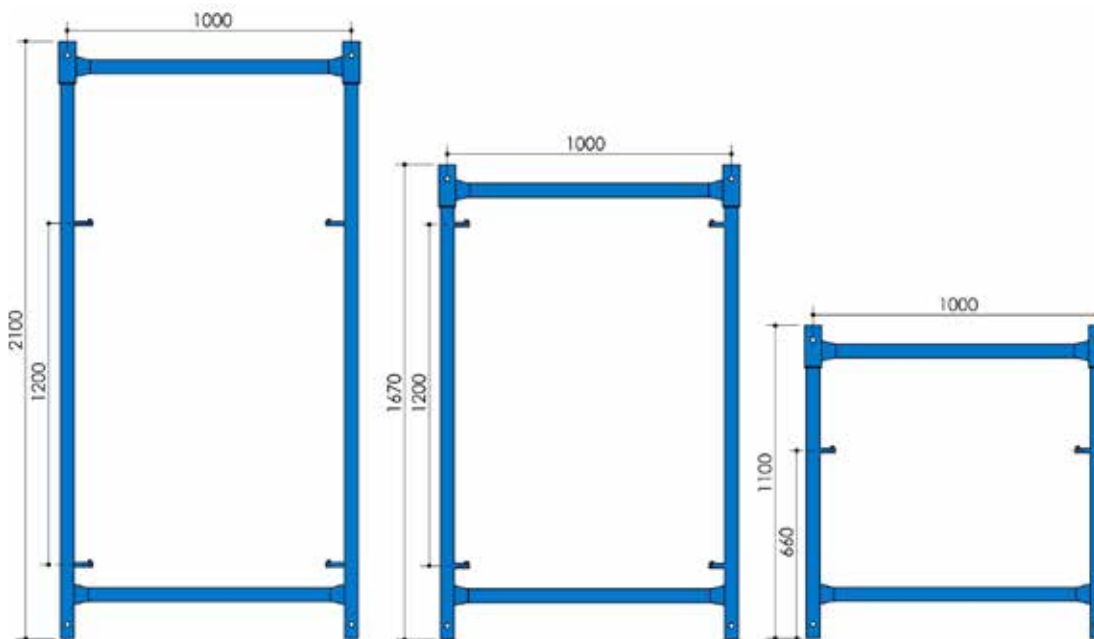
System Components

Frames

Frame is available 3 sizes (1m x 2 m) , (1 m x 1.5m) and (1m x 1m)

Frame is available thickness (3mm , 2.5mm and 2 mm)

Frame painted with blue color



Frame is manufactured by steell tube 1.5 inch with steel grade 37.

Frame welded by half automatic welding M/c

Frame improved by using high quality connection pin with 16 mm dia and 65 mm length

Frame improve the safety by add to bolt M18 to connect two frame together.

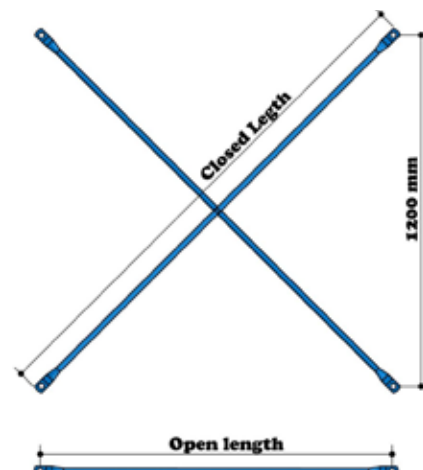
Frame improved the alignment of frame by using steel sleeve 2 inch.

Cross barce and Horizontal

Cross brace and Horizontal considered as structure link of frame systems manufactured by steel tube 3/4 inch 2mm thickness.

Cross brace and Horizontal have tow flat ends punched by two holes 18 mm dia to link the frame to each other.

Cross brace depend on steel pin fitted to cross brace tube and welded with washer



System Components

Tower bracket

Tower bracket used to fix mobile tower during the job.

Tower bracket manufactured by 2mm tube 1.5 inch.

Tower bracket provide with two coupler welded to each end of the bracket

Tower bracket connected to frame by couplers.

Tower bracket support to the earth by flat end plate 6 mm thickness.

Description	Weight Kg
Tower Bracket	12.00



Frame Ladeer

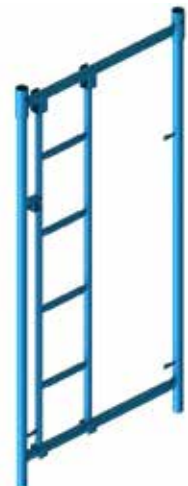
Frame ladder used to reach the upper floor of scaffolding.

Frame ladder installed and removed to frame by unskilled operators.

Frame ladder manufactured by 2mm tube thickness and 1 inch with 6 mm shoes thickness.

Frame ladder is safe and fast assembly in scaffolding system.

Description	Weight Kg
Frame ladeer	9.00

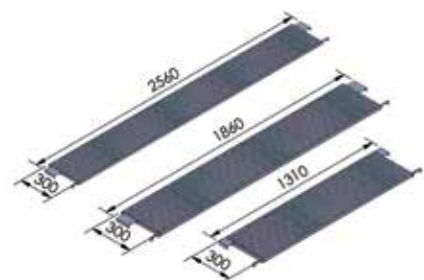


Steel planks

Steel platform for scaffolding.

Steel Plank lengths are available in 3 lengths suitable for Cuplock Ledger.

Description	Weight Kg
Steel Plank 2500mm	27.50
Steel Plank 1800mm	23.20
Steel Plank 1250mm	14.70



System Components

Adjustable Base Jacks

Adjustable Base Jacks are made of steel plate, screw jack and steel handle.

Adjustable Base Jacks available in two types (Hollow and solid).

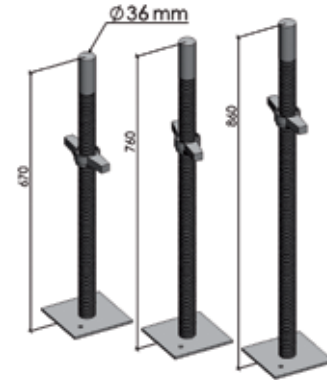
Adjustable Base Jacks provide method of adjustment for Cuplock structure. It fits directly into the Cuplock Standard.



M- Adjustable Base Jacks Hollow Type B



M- Adjustable Base Jacks Solid



Base plate

Base Plate provides a flat support for Cuplock structure.

Base Plate uses as simple support for Cuplock structure in case of no need adjusting level.



Caster wheel

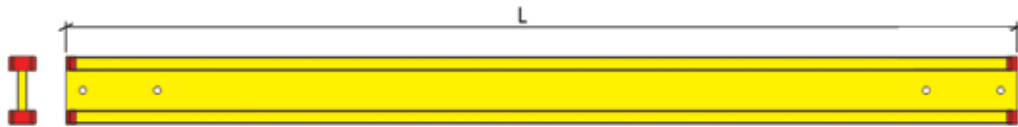
Caster Wheel used to movement to mobile frame towers



System Components

H20 Beams

H20 Formwrok Timber Beam is a solid l-beam used for concrete formwork construction. height of beam is 200mm and available in different standard lengths. webs made of 3 ply laminated solid wood panels ensuring use in all climate zone. chords are made of superior quality smoothly surfaced and slightly chamfered. H20 Beams are used as primary and secondary beams for Cuplock FalseWork applications.



Aluminum Beam

Aluminum Beams combine the benefits of strength, lightness and easy handling with consistency ,versatility and exceptional durability .

Aluminum Beams manufactured from high grade alloy (ALLOY 6082) . Available in two standard section .

Scaffolding Fittings

Scaffold couplers are essentially the fundamental component that is used to assemble tube-and-coupler scaffolding. This basic fitting is designed to join two scaffold tubes that can be used to create a diverse range of scaffolding structures.

External Sleeve Coupler



Description	Weight Kg
External sleeve coupler	0.90

Forged Double Coupler



Description	Weight Kg
Ø 48.3 x Ø 48.3	0.98
Ø 48.3 x Ø 60.2	0.92

Forged Swive Coupler



Description	Weight Kg
Ø 48.3 x Ø 48.3	1.12
Ø 48.3 x Ø 60.2	1.17
Ø 60.2 x Ø 60.2	1.60

Expanding Joint Pin



Description	Weight Kg
Expanding Joint Pin	1.10

Gravlock Girder Clamp



Description	Weight Kg
Gravlock Girder	1.50

Forged Putlog Coupler



Description	Weight Kg
Putlog Coupler	0.640

Light Frame

Light Frame Projects

Project Name : Compound lavista City
Year : 2020
System Used : Light frame system



Time Saver



Durable



Safe



Cost Effective

28



| Light Frame

Light Frame Projects

Project Name : 6 October new city project
Year : 2018
System Used : Light frame system



Time Saver



Durable



Safe



Cost Effective



29



Light Frame System



Head Office

New Cairo Business Park - Building 25K

Factory

Industrial Obour City Zone B,C No. 27001, cairo

Contact

+20 102 688 6633

Email

marketing@masterscaf.com

Website

www.masterscaf.com



www.masterscaf.com