

# L.W Frames

for scaffolding & slabs



Durable



Cost Effective



Time Saver



Safe



9001 - 14001 - 45001

[www.masterscaf.com](http://www.masterscaf.com)



Ver. 2023



Saving  
time

Easy in  
dismantling

# Light frame

for scaffolding

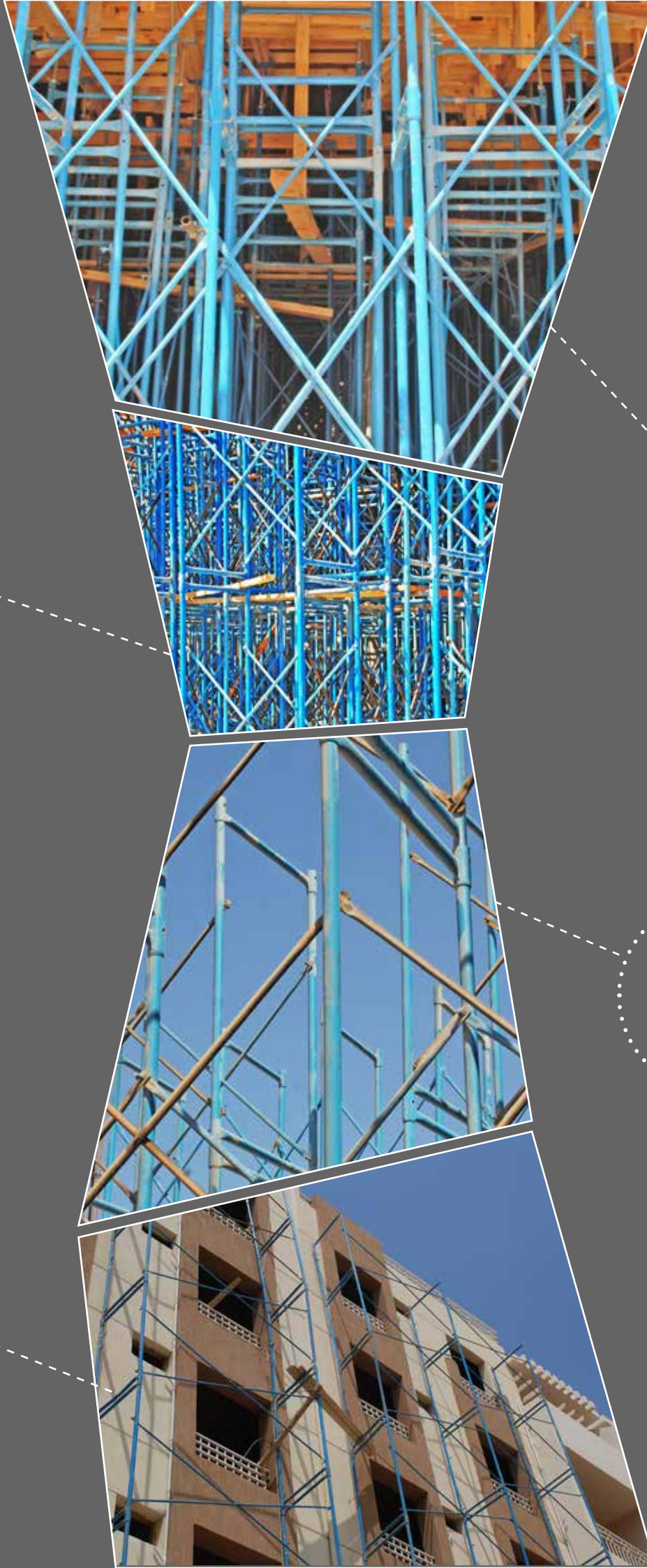
Easy in  
Erection

Various  
Heights

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# WELCOME





# 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 .

### Light Frame faced Scaffolding system

frame used to give the required heights with high rigidity.  
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#### Applications

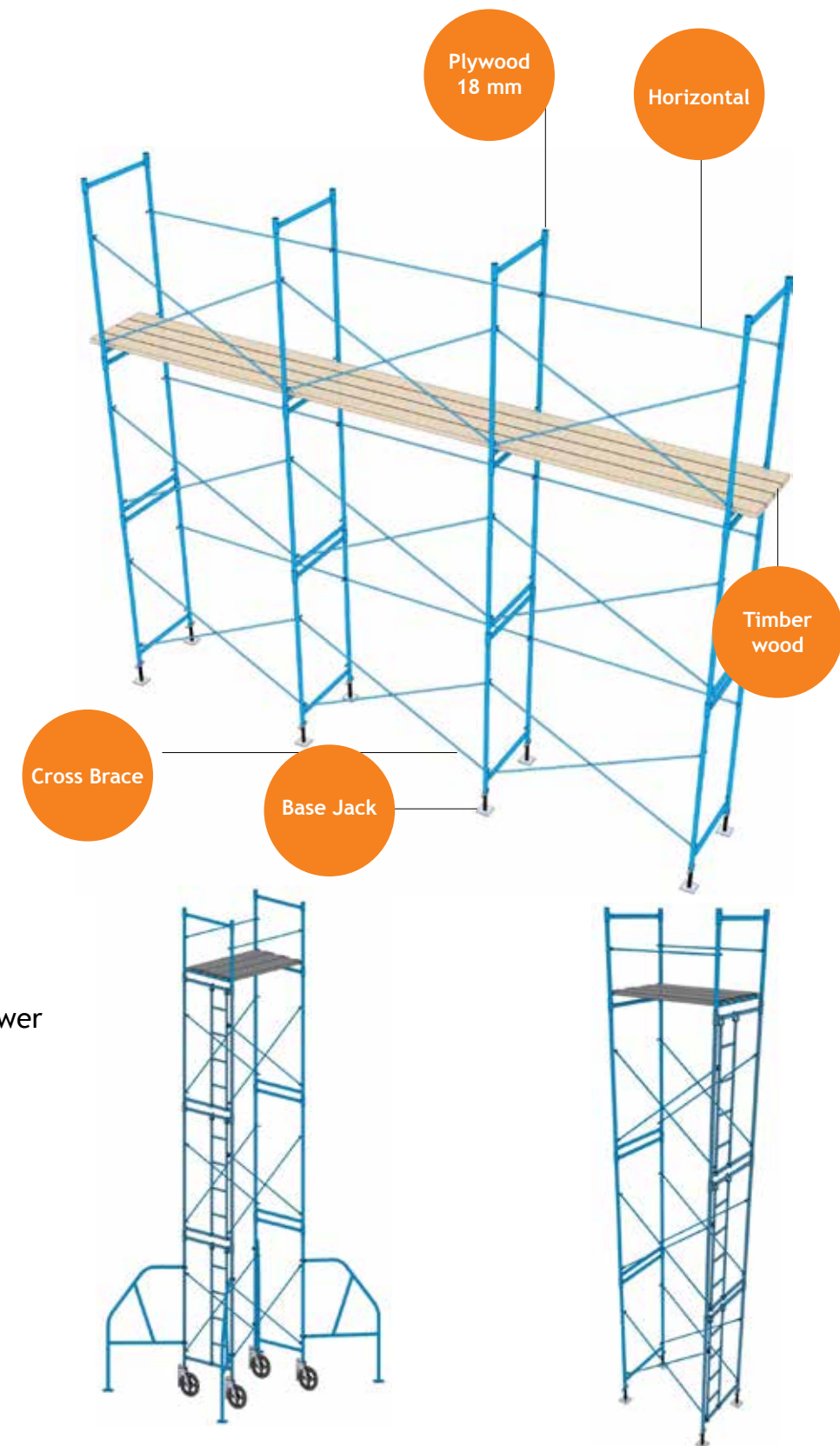
Painting.  
Plastering.  
Cleaning and maintenance works.  
Give rigid structure.



# Light Frame



## System Overview



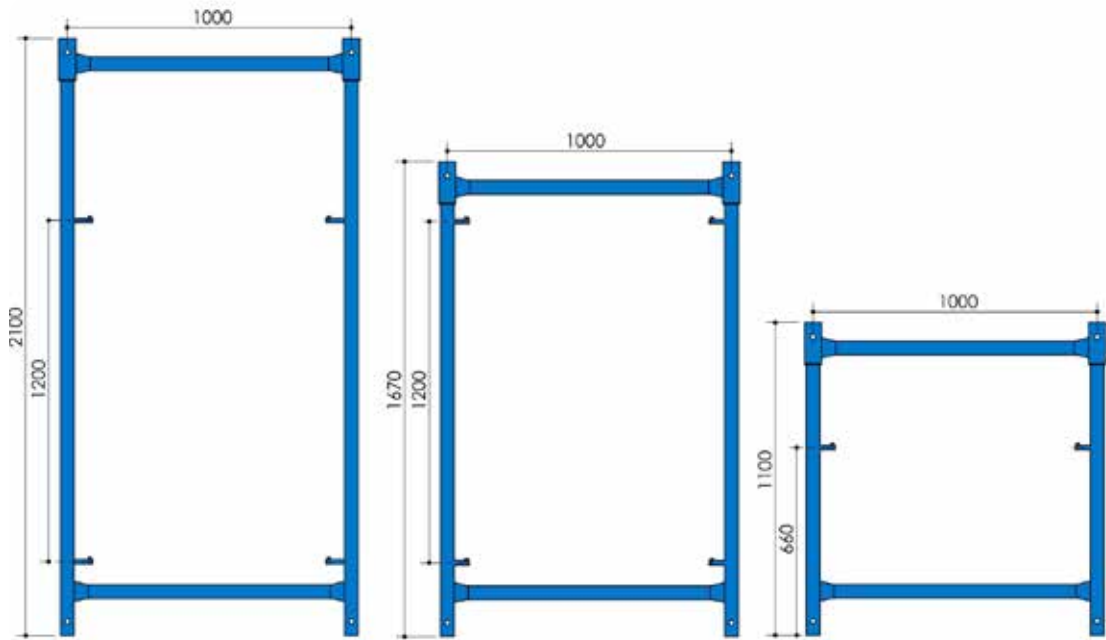
# Light Frame



## 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



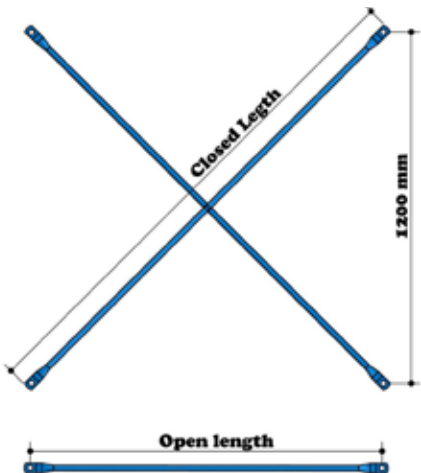
Frame is manufactured by steell tube 1.5 inch with steel grade 37.  
Frame welded by half automatic welding M/c  
Frame improved by using high quality connection pin with 16 mm dia and 65 mm length  
Frame improve the safety by add to bolt M18 to connect two frame together.  
Frame improved the alignment 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



# Light Frame



## 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.

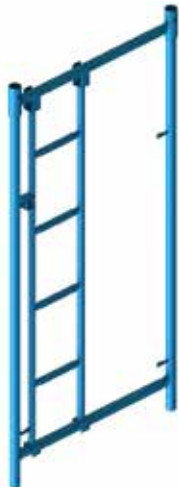
Description	Weight Kg
Tower Bracket	12.00



### 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.

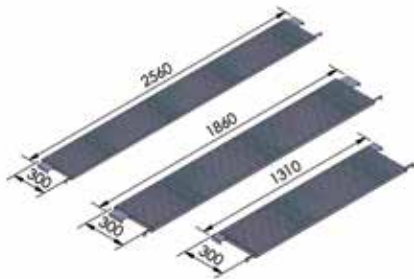
Description	Weight Kg
Frame ladeer	9.00



### Steel planks

Steel platform for scaffolding.  
Steel Plank lengths are available in 3 lengths suitable for Cuplck Ledger.

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





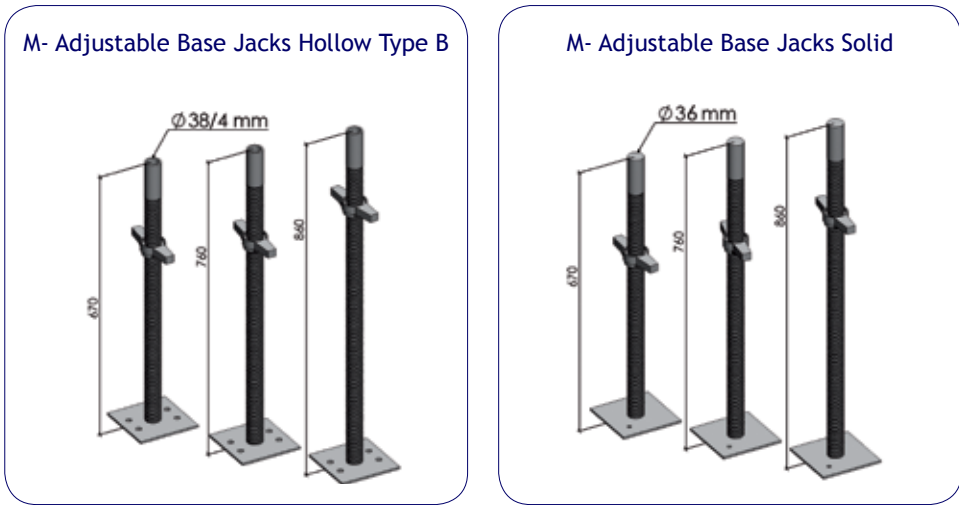
# Light Frame



## 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.



### 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 movment to mobile frame towers



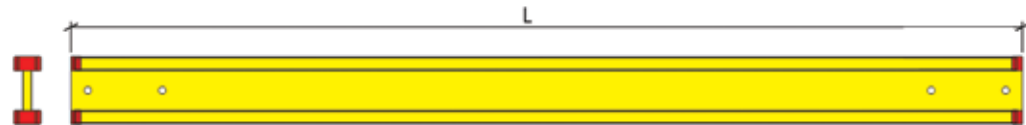
# Light Frame



## 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.

<div>External Sleeve Coupler</div> <div></div> <table><tr><th>Description</th><th>Weight Kg</th></tr><tr><td>External sleeve coupler</td><td>0.90</td></tr></table>	Description	Weight Kg	External sleeve coupler	0.90	<div>Forged Double Coupler</div> <div></div> <table><tr><th>Description</th><th>Weight Kg</th></tr><tr><td>Ø 48.3 x Ø 48.3</td><td>0.98</td></tr><tr><td>Ø 48.3 x Ø 60.2</td><td>0.92</td></tr></table>	Description	Weight Kg	Ø 48.3 x Ø 48.3	0.98	Ø 48.3 x Ø 60.2	0.92	<div>Forged Swive Coupler</div> <div></div> <table><tr><th>Description</th><th>Weight Kg</th></tr><tr><td>Ø 48.3 x Ø 48.3</td><td>1.12</td></tr><tr><td>Ø 48.3 x Ø 60.2</td><td>1.17</td></tr><tr><td>Ø 60.2 x Ø 60.2</td><td>1.60</td></tr></table>	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
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# Light Frame



## Light Frame Projects

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



Time Saver



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Safe



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# 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





# Light Frame



## Light Frame Projects

Project Name : OWEST Building Project ( Phase 1)  
Year : 2022  
System Used : Light frame system Decking Slab .



Time Saver



Durable



Safe



Cost Effective



# Light Frame



## Light Frame Projects

Project Name : OWEST Building Project ( Phase 1)  
Year : 2022  
System Used : Light frame system scaffolding



Time Saver



Durable



Safe



Cost Effective





Version **2023**

Scaffolding Master for scaffolding & supplies

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