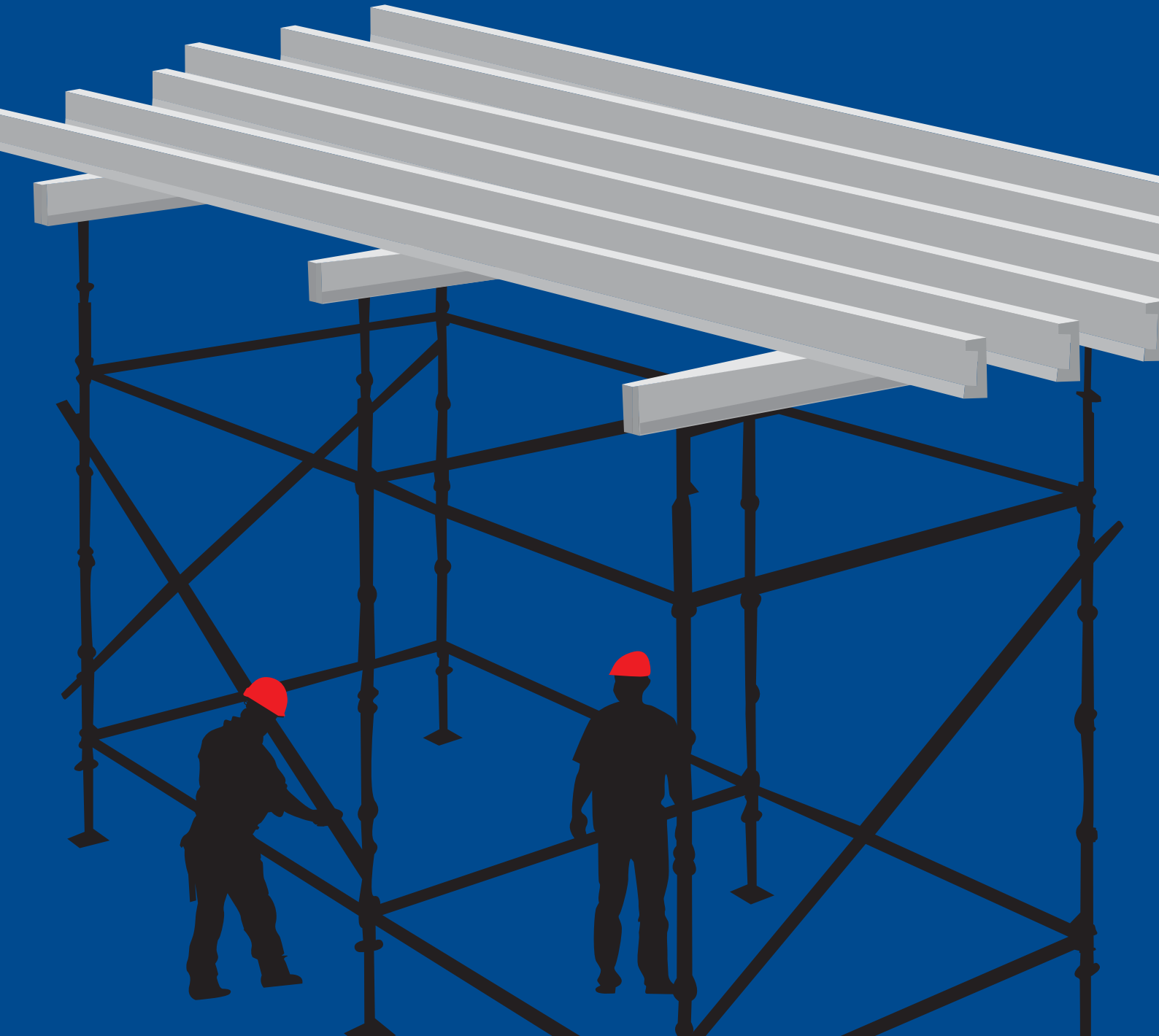


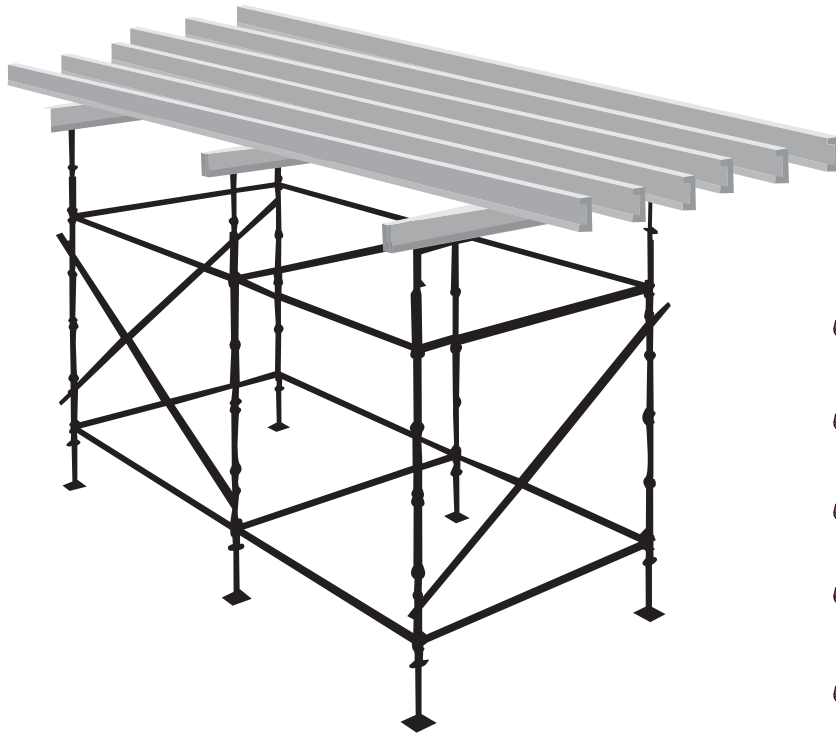
Excellence Committed...

Unifix Scaffolding LLC

unifix 
scaffolding & formwork





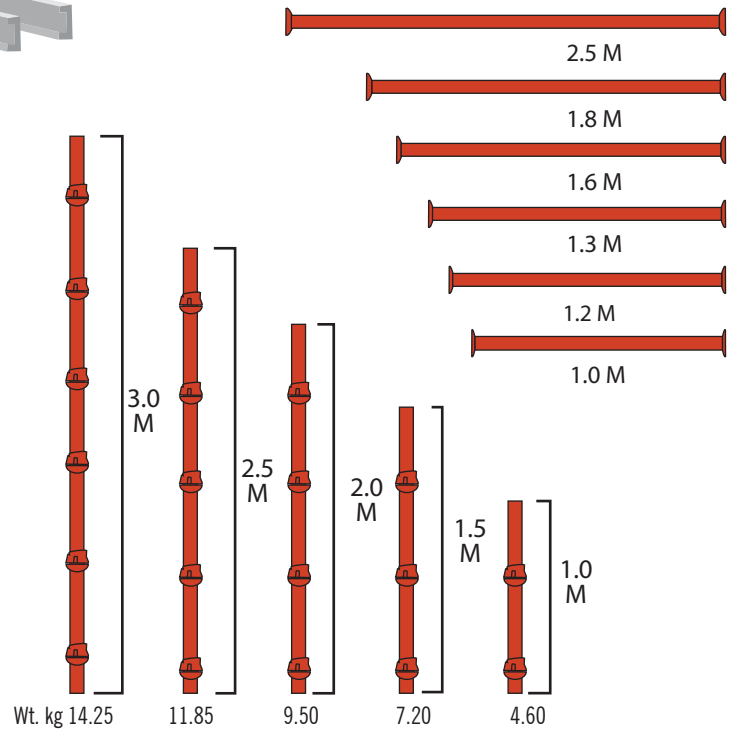


Cuplock Support Formwork:

Is a traditional staging system wherein cuplock support components are deck with Aluminum primary and secondary beams or alternatively with H20 timber beams or combination of Aluminum primary and H20 secondary. The system is simple, robust and versatile and can be design for any slab soffit height and slab thickness, easy to erect and dismantle with safety. the system offers cost effective solution to high soffit slab to commerical and residential projects

Cuplock Ledger

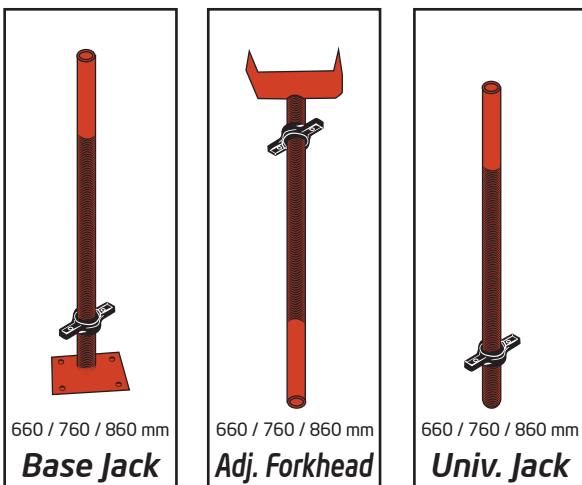
The forge blade ends fits in the standard top & bottom cup, the robust design of blades need minimum maintenance. ledgers available in eight standard sizes from 2.5m to 0.6m



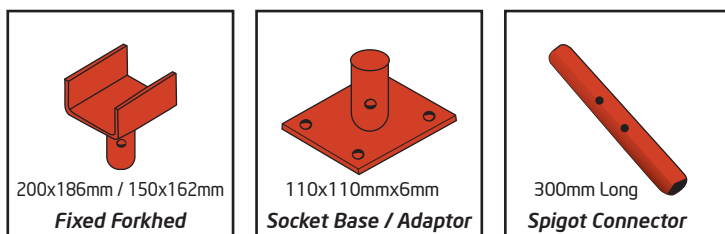
Cuplock Standard

Pair of top & bottom cups provided at every 500mm intervals, the captive mobile top cups are malleable casting which endures rough site handling whilst bottom cup are pressed from high quality steel. cuplock standard available in eight standard sizes from 3.0m to 0.8m

Cuplock Components



All Jacks available in black and galvanized finish

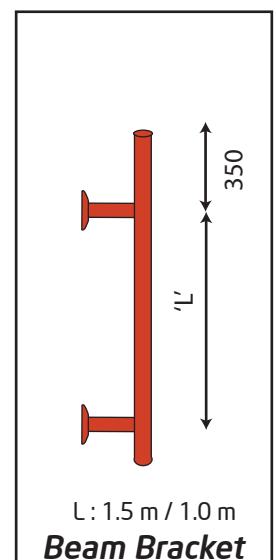
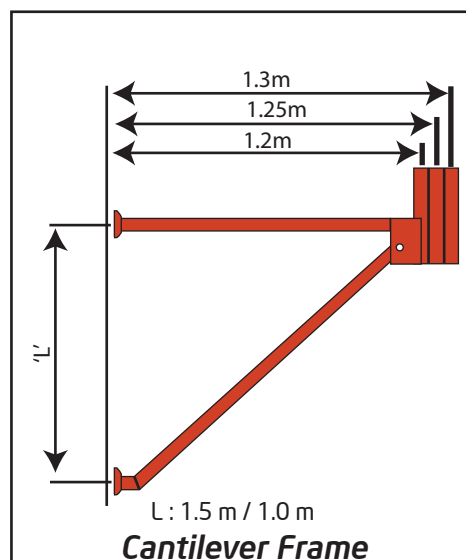


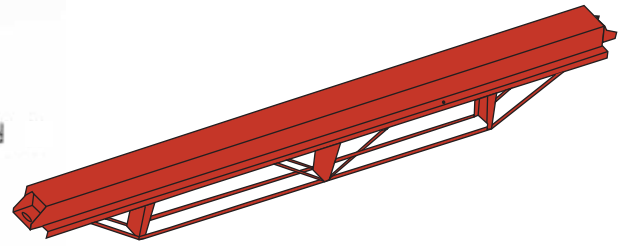
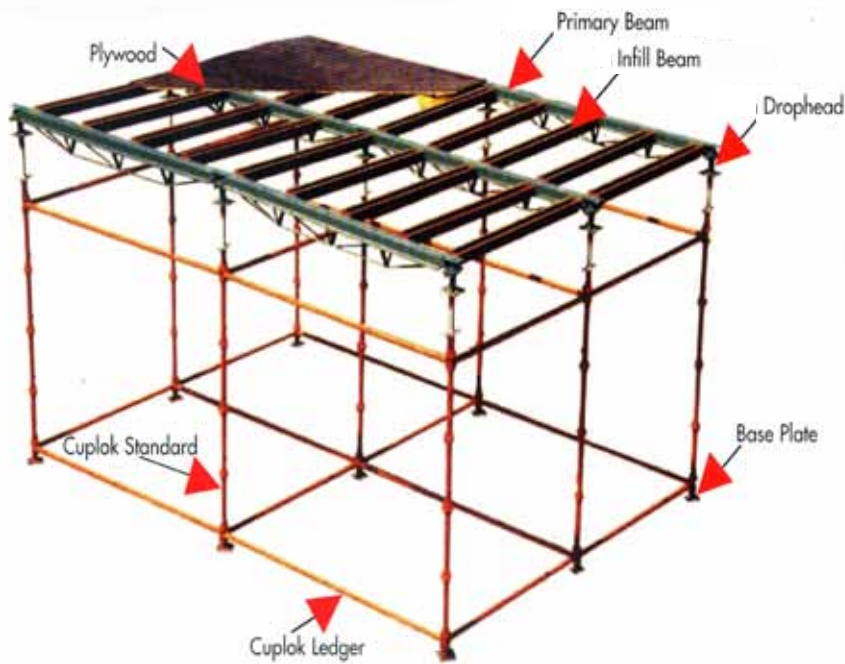
External Verticals

Lift (m)	Bay Length (mm)				
	600	900	1200	1800	2500
1.0	57.0	57.0	57.0	57.0	57.0
1.5	45.0	44.5	43.5	43.0	42.0
2.0	33.0	31.5	30.5	29.0	28.5

Internal Verticals

Main Lift (m)	Vertical Load (kN)
1.00	57.0
1.50	45.0
2.00	33.0

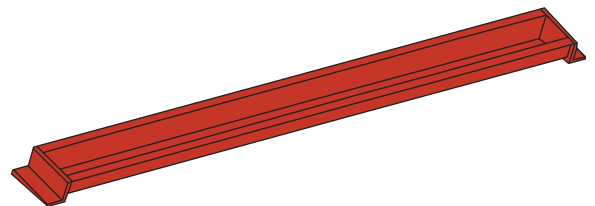




Decking Beams (Primary)

Includes 100mm wide top flange, which eliminates the necessity of a plywood infill, whereby maintenance costs are cut down.

Length (m)	2.5	1.8	1.2
Weight (kg.)	26.4	18.0	11.9



Infill Beams (Secondary)

Infill beams have been designed to be used with primary Decking beams Used to provide skeletal support for plywood decking.

Length (m)	1.7	1.5	1.2	0.9
Weight (kg.)	8.3	7.4	6.1	4.8



Intermediate Transoms

Transom provides intermediate support to wooden scaffold boards platform for easy accessibility and safe working.

Length (m)	1.2	1.8	2.5
Weight (kg.)	5.5	7.3	9.5

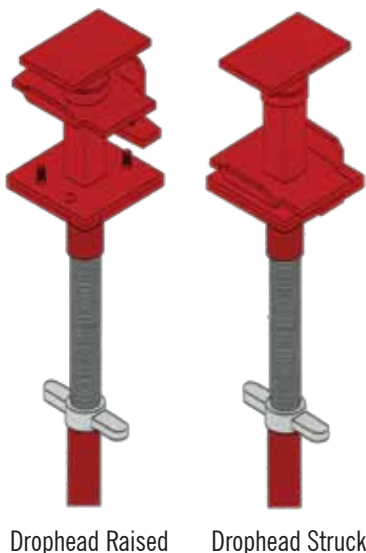
Decking Steel Beams Formwork

Built in simplicity with its resulting speed of erection striking and dismantling is one of the key features of the system, used with cuplock support wherein drop-head is struck in early after pouring of the slab (subject to achieving minimum concrete strength) keeping the support legs intact with the slab soffit enabling secondary infills & primary beams to be removed and re-used. the system is cost effective and avoid use of timber

Dropheads

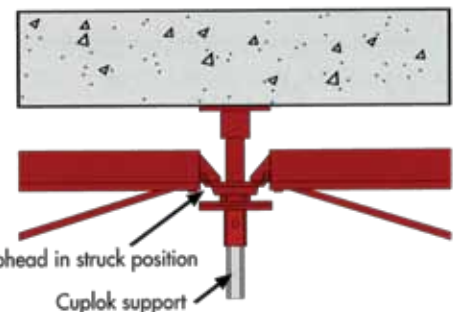
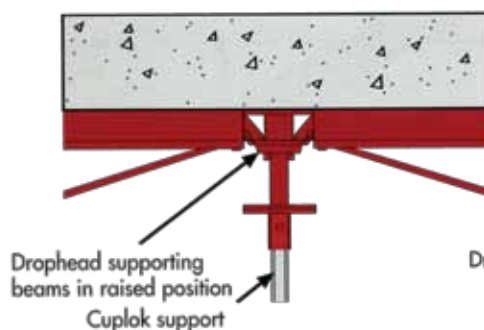
The quick action drophead supplied along with adaptor and nuts, is designed to fit on standard Legs, They allow primary and Secondary beams to be struck and re-used after 3-4 days, of pouring of the slab and leave the support in position.

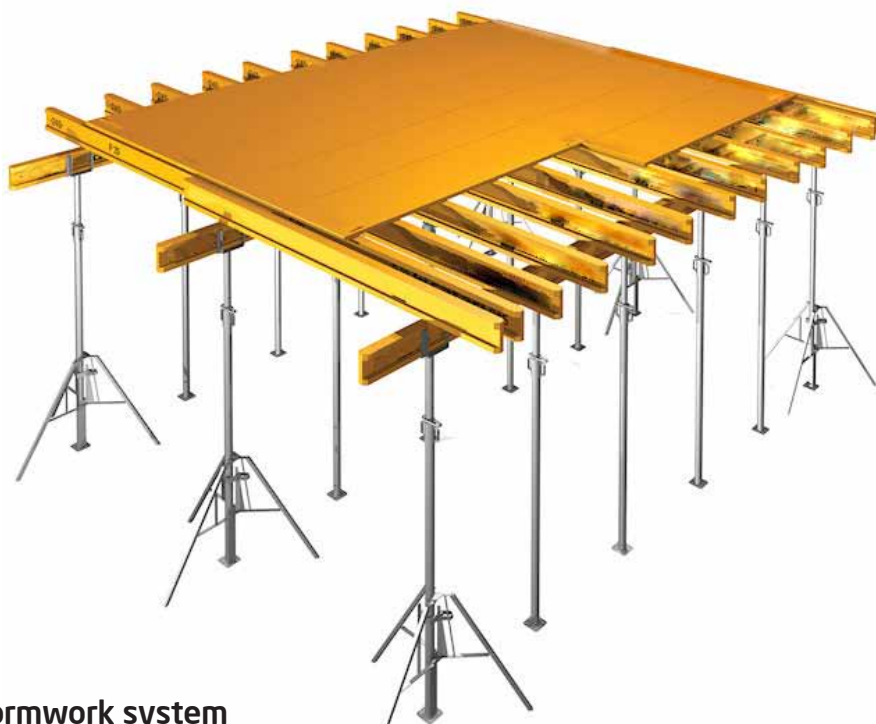
Maximum Axial Load : 40kN



Early Striking Technique

Early striking is a technique whereby the formwork is removed 3 to 4 days after pouring a slab, the supporting legs of scaffolding remains undisturbed until the concrete is strong enough to support its own weight. the complete support to be removed after about 10 to 14 days, depending on the temperature and cube strength tests.





Prop formwork system (H2O Timber / Aluminum Beams)

Is a advance propping system , heavy duty adjustable props deck with primary & secondary H2O timber beams or alternatively with Aluminum beams or combination of Aluminum primary and H2O beam secondary, the system enables to pour any slab length x width or thickness with ease, and offers versatility and speed with minimum manpower. the system suitable for soffit height up to 4.0m max.

Design parameters governing the system

- ▶ Distance between Props range between 2.50m to 2.90m
- ▶ Distance between primary beams range between 3m to 4m
- ▶ Distance between secondary beams range between 0.50 to 0.75m

Benefits of the system

- ▶ No rigid system grid dimension
- ▶ Flexible and versatile system ,Fewer components making system cost effective

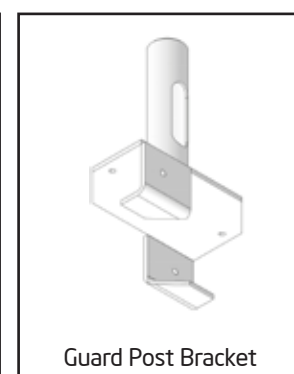
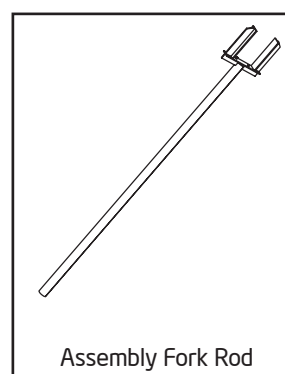
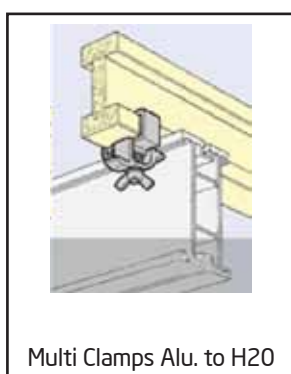
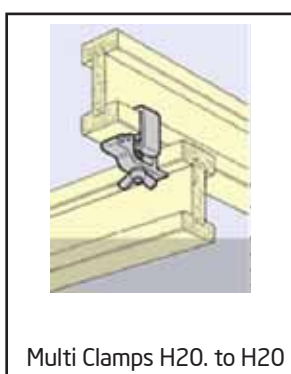
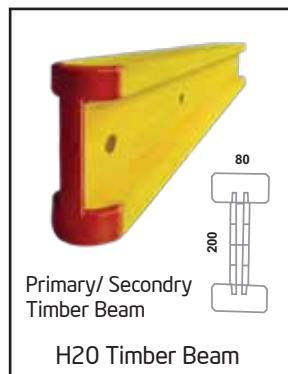
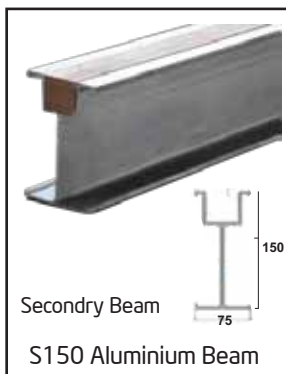
Heavy Duty Adjustable Prop

Max. permitted Load 20kN & 30kN

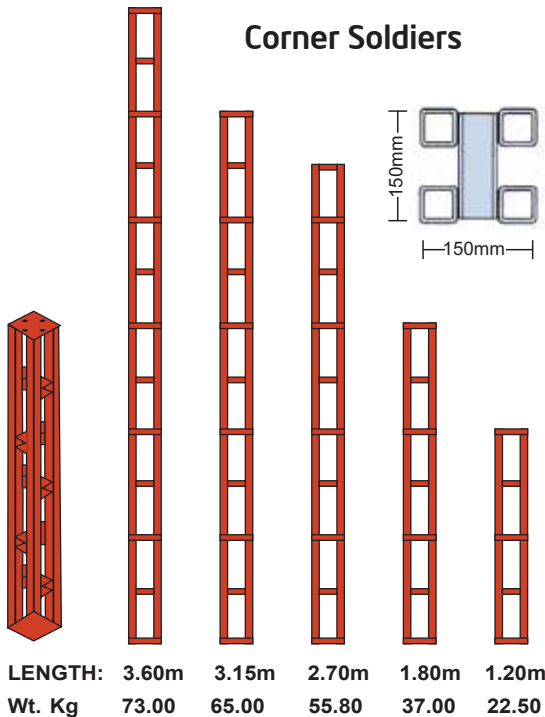
All Props available in Painted and galvanized finish

Heavy Duty Prop 20kN Load specification

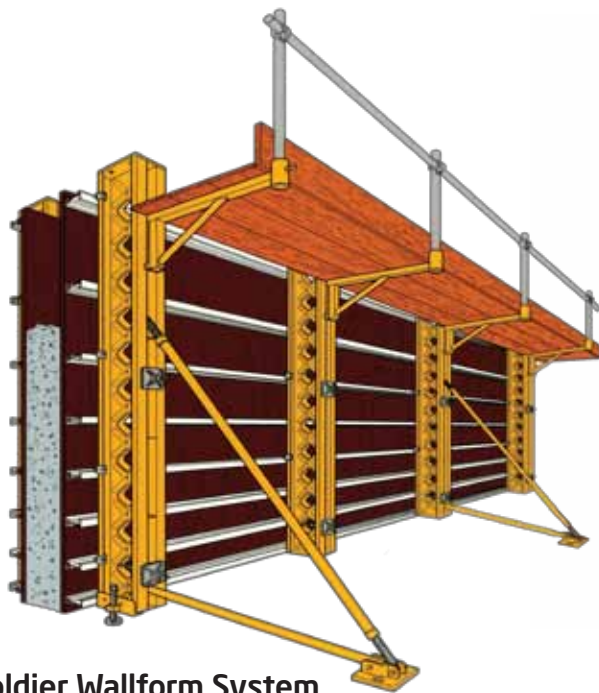
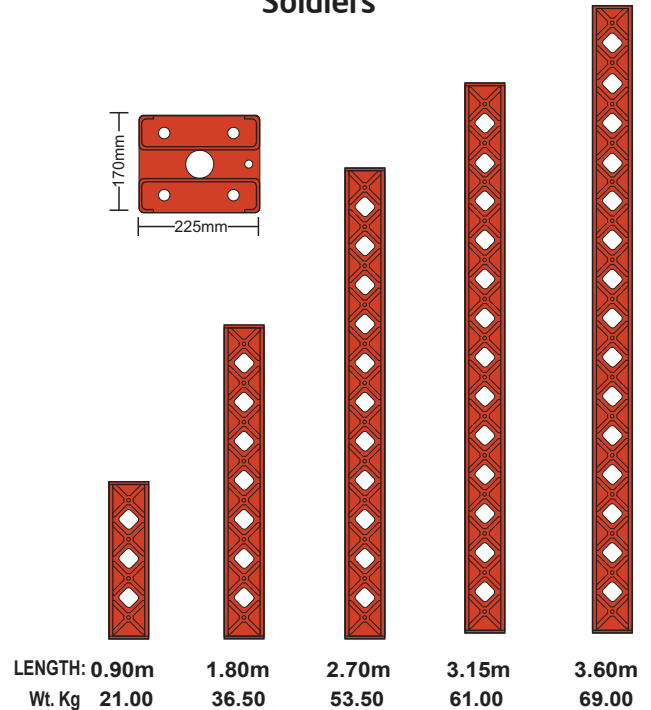
Size	Height Closed	Height Open	Weight
No.1	1.75m	2.90m	16.70kg
No.2	2.10m	3.50m	18.50kg
No.3	2.50m	3.95m	20.00kg
No.4	3.20m	4.90m	24.00kg



Corner Soldiers



Soldiers



Soldier Wallform System

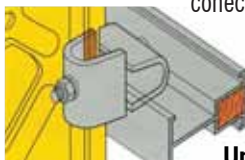
Use of strong back soldiers with aluminum beams walers can take high concrete pressure, allowing spacing of walings to be maximized and ties to be reduced result in significant cost saving, assembly and erection are minimized with fast fixing clamp and plywood nailed to the timber insert provided with Aluminum walers.



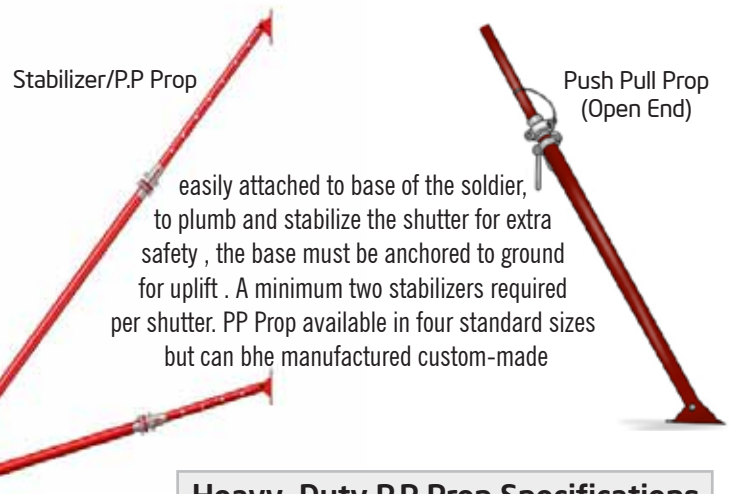
Lifting Brackets
bolted to the top of soldiers, they provide facilities for lifting the shutter by crane



Timber Waling Clamps
connect timber 6"x 2" to soldiers

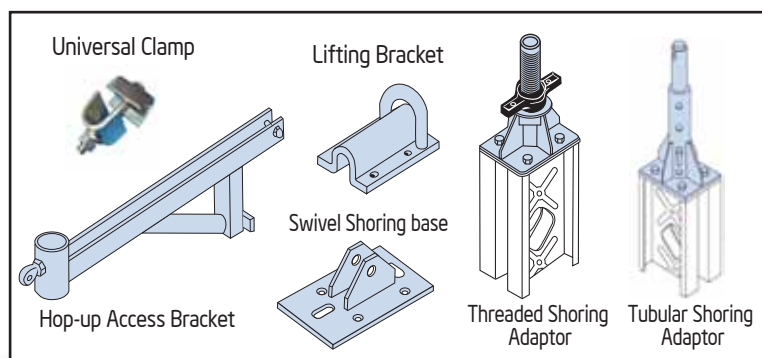


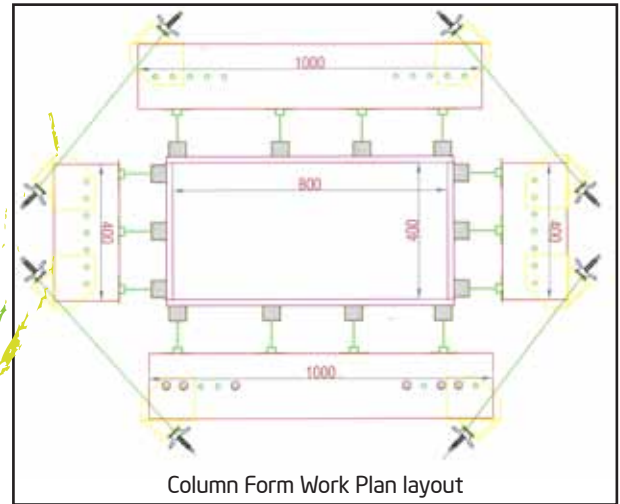
Universal Clamps
connect aluminum to soldiers



Heavy Duty P.P Prop Specifications

Size	Height Closed	Height Open	Weight
No.1	1.75m	2.90m	15.70kg
No.2	2.10m	3.50m	17.00kg
No.3	2.50m	3.95m	18.50kg
No.4	3.20m	4.90m	22.50kg





Aluminum Beams Column Forms (Ply faced)

S150 Aluminum beam walers supported by horizontal strong back steel channels tied at the corners with end bracket eliminates use of ties for column up to 1000 x1000mm, system assembly and erection are minimized with light weight components and fast fixing clamp, plywood nailed to the timber insert provided with S150 walers. forms supplied with lifting hooks, P.P brackets, corner ties. Ply supplied by customer.

Benefits of the system

- ▶ suitable for various sizes and columns and pour height
- ▶ can take high concrete pressure up to certain pour height
- ▶ system with minimum components is easy & fast to erect and dismantle
- ▶ the system is simple , versatile ,and robust in-use



Special Steel Column Forms

Special Steel Column Forms

Custom made special steel formwork is manufactured in our purpose made factory with experience fabricators & welders in accordance with quality & inspection procedures to ensure finished products complies with design parameters and meets site and customer requirements forms supplied with lifting hooks, P.P brackets to align P.P Props

Benefits of the system

- ▶ High Reuse
- ▶ Elimination of plywood and timber costs
- ▶ Elimination of down time to replace form face
- ▶ Reduced cycle time
- ▶ Quality concrete finish
- ▶ Cost effective for high reuse





Aluminum Mobile Towers

Aluminum mobile tower scaffolding is light weight, fast and easy to assemble, system manufactured with advance technology & finish ,to allow tower free standing up to 12m height with support of stabilizer

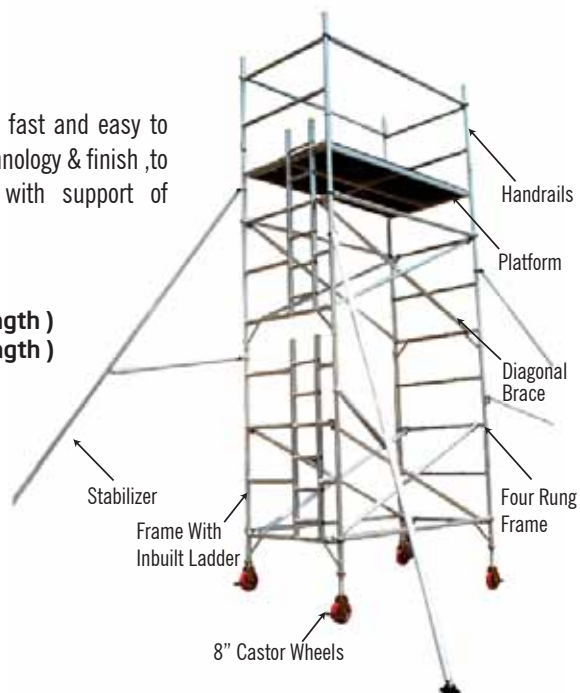
Tower available in 2m to 12m height

Single width : 90 cm (width) x 190 cm (length)

Double width: 135 cm (width) x 250cm (length)

Key Features:

- ▶ high strength and light weight
- ▶ interchangeable frames with in- built ladders
- ▶ strong wheels with brakes
- ▶ Adjustable legs for quick leveling (40mm)
- ▶ lightweight platform (with trap door option)
- ▶ Towers provided with all safety features
- ▶ Easier to handle , erect and dismantle



Light Duty Access Scaffolding

Frames design for interior and exterior light access work including maintenance, system has only three major components Frames, cross brace & horizontal brace to provide speed, convenience and durability, frames provided with in-built ladders and spigots connector.

System available in 'H' Frame and Korean frame type

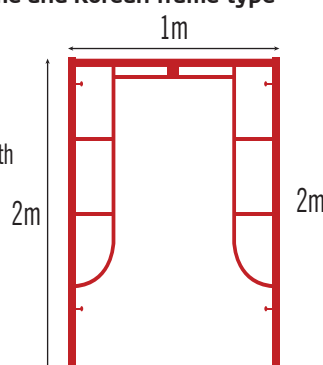


'H' Frame Assembly

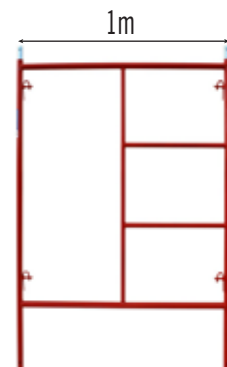
Horizontal Brace 3.0m & 2.5m length



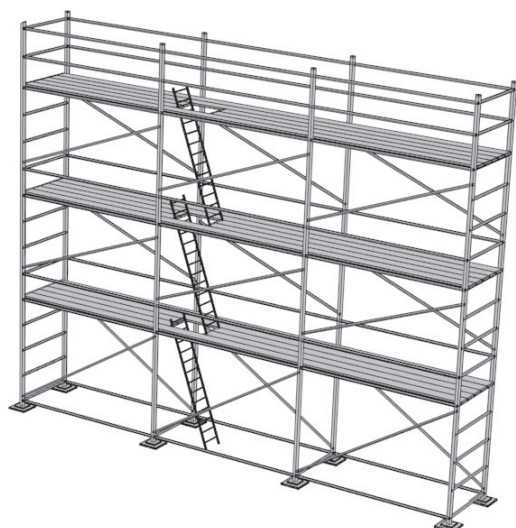
Cross brace 3.0m & 2.5m length



Korean Frame 1m x 2m



H Frame 1m x 2m



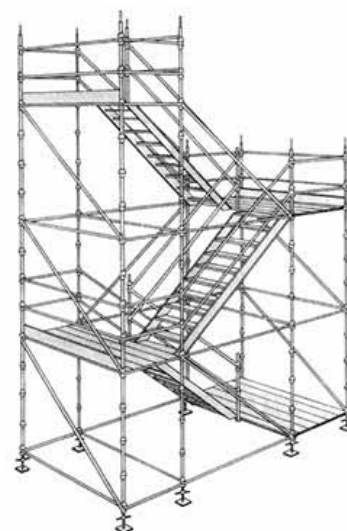
Cuplock HD Access Scaffolding Assembly

Heavy Duty Access Scaffolding

Cuplock components are design and supplied for heavy duty access scaffolding , the system can be used for any heavy access work for greater working heights with ease. The system is fast and versatile to be erected and dismantle for all kind of structure with minimum man power and safety. The access system supplied with additional safty components like intermediate transom , toe board clamps , board retaining couplers, hand rail post , Guard rails and scaffold platforms to enhance safe working and performance.

Benefits

- ▶ system very versatile and safe for site working condition
- ▶ Cuplock components can be used mobile tower for internal & external access work
- ▶ Cuplock components can be design & used for static staircase tower for site access



Cuplock Staircase Tower Access Assembly



FORGED SWIVEL COUPLER

OD 48.3 mm (EN 74 / BS - 1139)



FORGED DOUBLE COUPLER

OD 48.3 mm (EN 74 / BS - 1139)



FORGED PUTLOG (Single) COUPLER

OD 48.3 mm (EN 74 / BS - 1139)



**FORGED GRAVALOK GIRDER COUPLER
(Beam Clamp)**

OD 48.3 mm
(EN 74 / BS - 1139)



PRESSED SLEEVE COUPLER

OD 48.3 mm
(EN 74 / BS - 1139)



**FORGED BOARD RETAINING
COUPLER (BRC)**

OD 48.3 mm
(BS - 1139)



UNIVERSIL CLAMP



PROP BRACING COUPLER

60mmX48mm DIA
(EN 74 / BS - 1139)



RAPID CLAMP



8 " Castor Wheel



**8 " Castor Wheel
with Brake**



**Castor Wheel
with adj. Jack 40cm**

Adjustable Steel Props

Props available in medium and heavy duty category , heavy duty props are available in five different sizes and are manufactured in accordance with BS-1139 part 1 , all props supplied in painted and galvanized finish.

Medium duty Props

Inner 48mm OD, 2mm thk & Outer pipe 60mm OD, 2mm thk.
Available in One standard size 4.0m (min 2.5m to max 4.0m) weight 11.5Kg

H D Props Max. 15 KN load

Inner 48mm OD, 3.2mm & Outer pipe 60mm OD, 3.0mm thk. supplied with heavy Duty prop sleeve and nut & G' Type pin

H D Props Max. 20KN & 30KN Load

Inner pipe 60mm OD, 3.0mm thk & Outer pipe 76mm OD, 3.0mm thk. with sp. heavy duty prop sleeve and nut. & G' Type pin

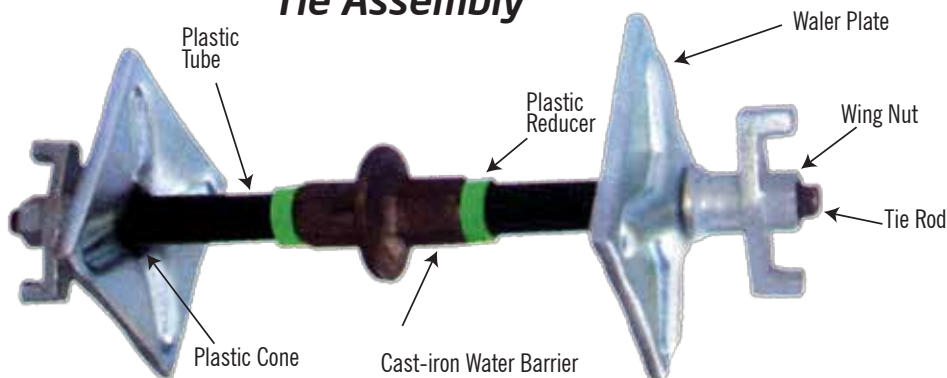


Heavy Duty Prop Max 15 kN Specification

Size	Height Closed	Height Open	Weight
No.1	1.75m	2.90m	15.50kg
No.2	2.10m	3.50m	16.75kg
No.3	2.50m	3.95m	18.00kg
No.4	3.20m	4.90m	21.00kg



Tie Assembly



Heavy Duty Tie System

The most popular tie system , the rapid ties are available with complete range of accessories including waler plates, wing nuts, cast iron water barrier anchors, plastic tubes and cones. The 16mm diameter tie rod has robust, self cleaning thread and safe working load (SWL) 95KN.





Timber Scaffold Boards

with End steel bands
Available in 3.9m length

Steel Scaffold Planks

with anti-skids
Available in 2m/3m/4m length
in painted and Galvanised Finish



Black Tubes 48mm Dia
Available In 6m Length

Galvanised Tubes 48mm Dia
Available In 6m Length

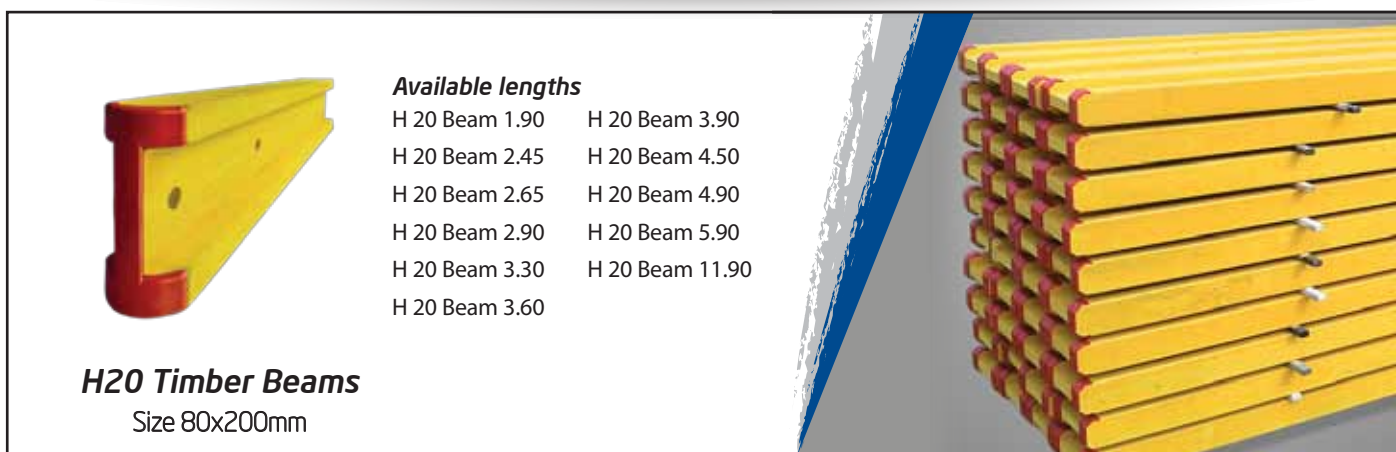


S150 Aluminium Beam Size 75x150mm

T150 Aluminium Beam
Size 80x150mm

Available lengths

Alu. Beam 1.50
Alu. Beam 2.40
Alu. Beam 2.70
Alu. Beam 3.00
Alu. Beam 3.60
Alu. Beam 4.20
Alu. Beam 4.80
Alu. Beam 5.40
Alu. Beam 6.00
Alu. Beam 7.20

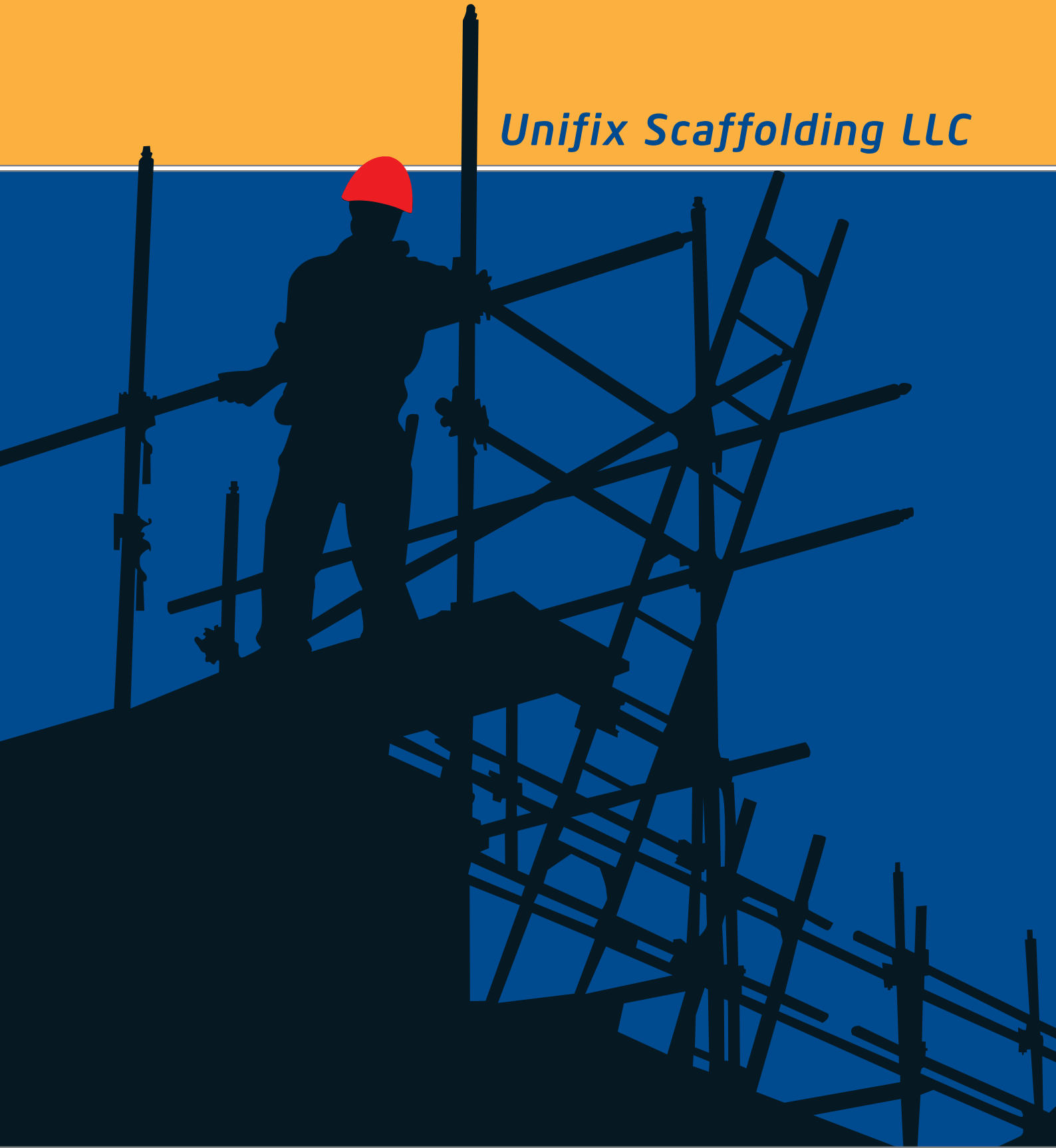


H20 Timber Beams
Size 80x200mm

Available lengths

H 20 Beam 1.90	H 20 Beam 3.90
H 20 Beam 2.45	H 20 Beam 4.50
H 20 Beam 2.65	H 20 Beam 4.90
H 20 Beam 2.90	H 20 Beam 5.90
H 20 Beam 3.30	H 20 Beam 11.90
H 20 Beam 3.60	

Unifix Scaffolding LLC



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scaffolding & formwork

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