



 **SCAFFCO**

*Access Scaffolding System*



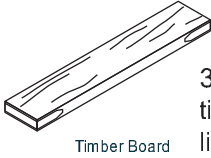
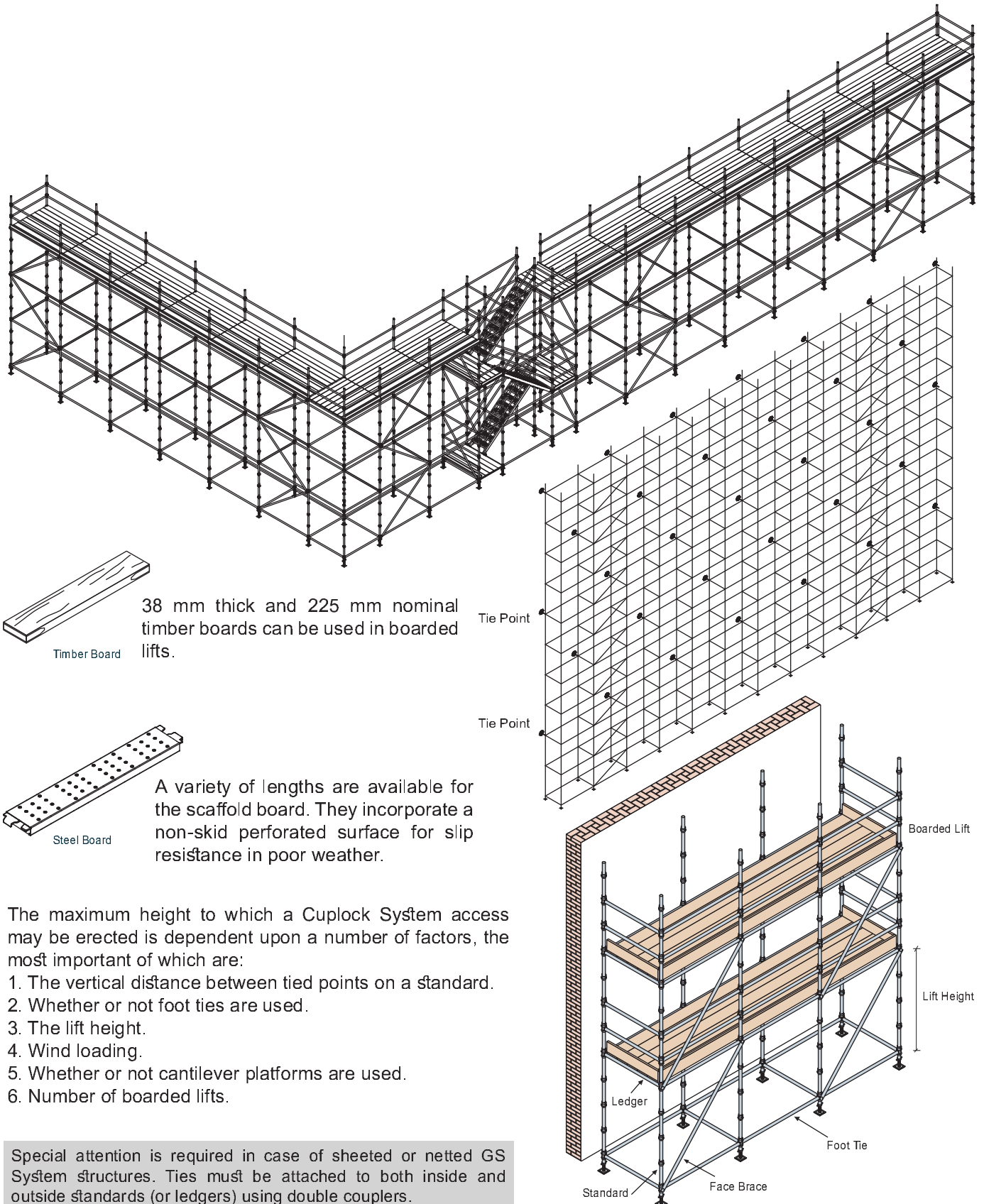
# H.D. Access Scaffold

Suitable for High Loads while Providing Versatile Access for Work at Maximum Building Heights

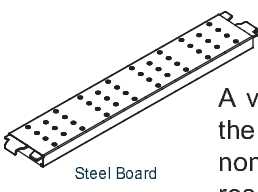


## Cuplock System as Heavy Duty Access Scaffold

One of the key strengths of the Cuplock System is the simplicity of the component range. Basic horizontals and verticals form the core of all structures. However, with the addition of a small number of special components, complex scaffolds can be constructed which safely address complex access requirements. It is reliable and safe on facades of various layout and height shapes. It is facilitated by external and internal hop up brackets, bracing parts, operation decks with integrated ascents or ladders, truss beams and anchoring elements.



38 mm thick and 225 mm nominal timber boards can be used in boarded lifts.



A variety of lengths are available for the scaffold board. They incorporate a non-skid perforated surface for slip resistance in poor weather.

The maximum height to which a Cuplock System access may be erected is dependent upon a number of factors, the most important of which are:

1. The vertical distance between tied points on a standard.
2. Whether or not foot ties are used.
3. The lift height.
4. Wind loading.
5. Whether or not cantilever platforms are used.
6. Number of boarded lifts.

Special attention is required in case of sheeted or netted GS System structures. Ties must be attached to both inside and outside standards (or ledgers) using double couplers.



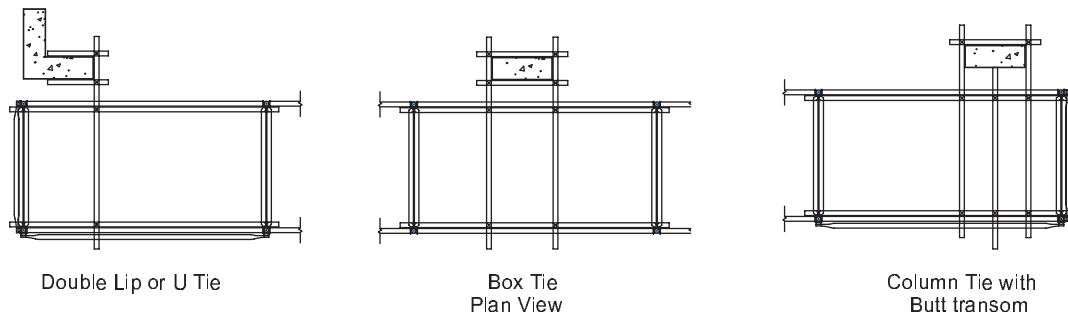
# Usage Guidance for H.D. Access Scaffold

## Process of Erection and Dismantling is Fast and Simple





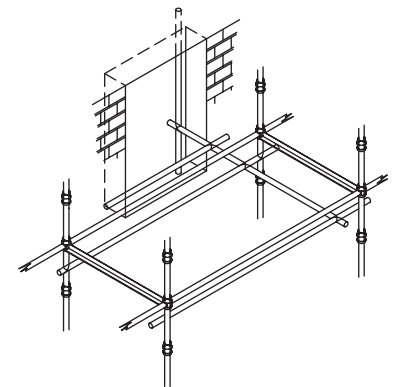
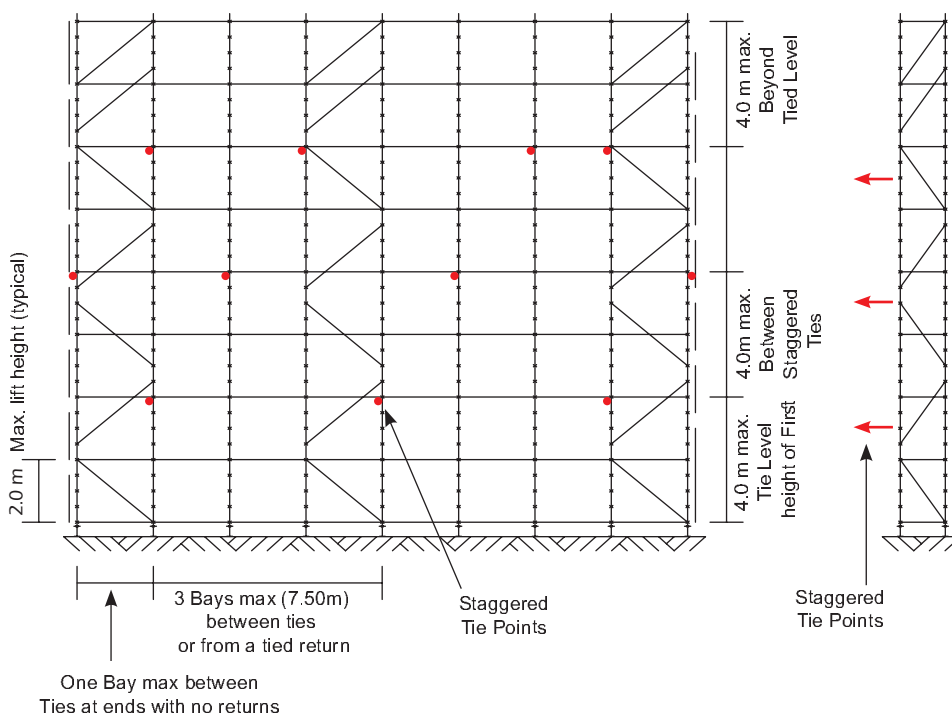
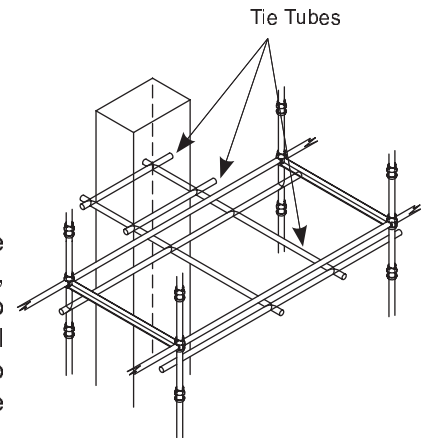
**TIES:** It is essential that scaffolds be tied to the building or suitable structure to prevent inward or outward movement of the scaffold. As such they provide stability and enable effective performance of the scaffold structure as it grows in height and length. As general rule, ties need to commence where the scaffold height exceeds 3 times its least width. Typically ties comprise scaffold tube connected to the Standards with right angled scaffold couplers. Care must be taken that ties do not obstruct clear access along the full length of the working and access platforms. The scaffold must not be built to allow it to cantilever more than 4m beyond the last level of ties (see diagram). The following examples show tie configurations for assembling around columns and through openings.



Note: Where it is not possible to use the typical tie configurations, other tie methods incorporating drilled in friction and 'cast-in' type anchors are available.

Warning: Tie tubes must not be attached to Ledgers. Tie tubes must be attached directly to Standards, if this is not possible then scaffold tube must be fixed between Standards with right angled couplers and the tie tube is attached to this scaffold tube.

**Tie Configuration:** The diagram at right shows an example of staggered tie configuration for scaffolding assembled with 2m lifts and without any cladding, such as shade cloth or other semi or non porous material. Ties are installed at no more than 3 bays apart for a maximum bay length of 2.5m in the longitudinal direction and 2 bays apart for bay lengths of 3.00m. Ties should have a 4m overlap in the vertical direction. Cladding the scaffold will cause wind loads to increase and tie spacings may need to reduce accordingly.



Note: When using more than 2.5m ledgers the max distance between ties is 2 Bays.



**Tying to Standards:** Ties tubes must be connected to Standards and be parallel to short ledger (transoms) at a position adjacent to the junction of the Ledgers, with the following restrictions:

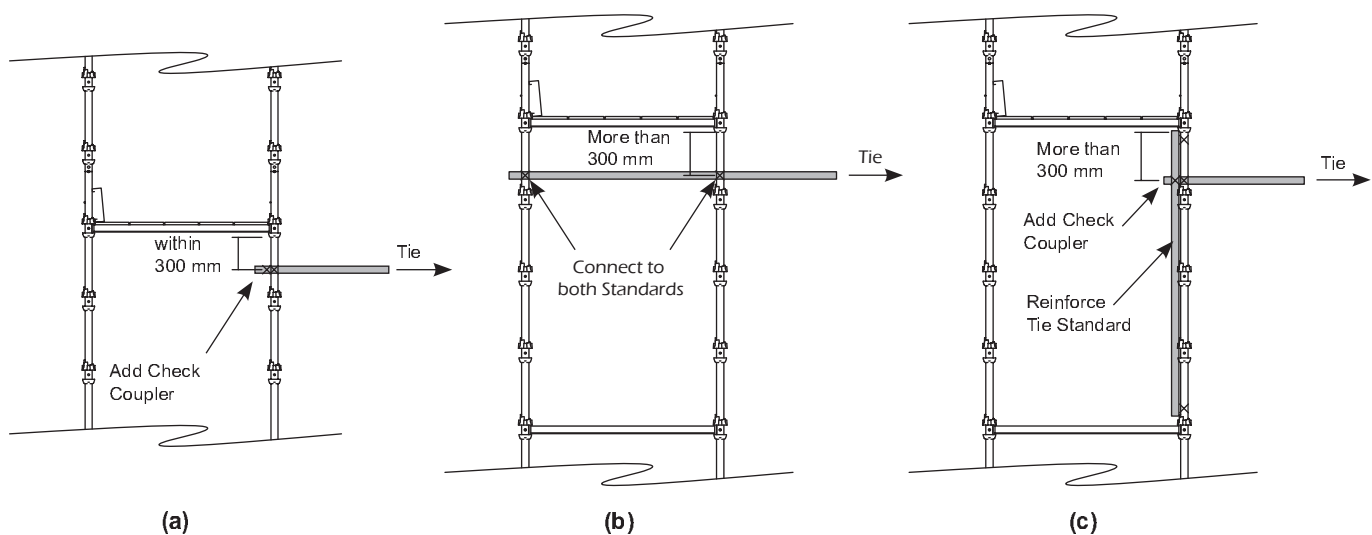
**(a)** Within 300mm from the underside of the cup at the junction - connected to the front Standard with addition of a Check Coupler.

**(b)** Further than 300mm from underside of the cup at the junction - Tie connected to both front and rear Standards.

**(c)** If unable to connect to two Standards then reinforce front Standard for the full height of the lift with scaffold tube and swivel couplers with couplers attached at 900mm centres.

**Note:** The 300mm distance given in (a), (b) and (c) may need to be reduced, subject to the amount of tie force.

**Increased distance between tie points:** In cases where ties cannot be placed in the correct position, have to be removed, spacings exceed those given in these assembly recommendations; or scaffolds which extend above the building, with the result that typical tie spacings given in these assembly recommendations cannot be achieved, then consult RS Group for technical design assistance with tie spacing and configurations to suit project specific needs.



**Maximum Height of Scaffold:** When determining the maximum height of a scaffold, a number of factors must be considered.

- Live load of working platforms, for example Heavy Duty, Medium Duty or Light Duty.
- Number of Working Platforms.
- Live load of Platform Brackets.
- The position of the top tie in relation to the top of the scaffold.
- Wind Loading (in relation to tie forces).
- Strength of the supporting structure for the scaffold.
- Dead load of scaffold, for example Standards, Transoms, Ledgers, Guardrails, Mesh Guards, Platform Brackets, Planks, Bracing, shadecloth and chainwire mesh.

Scaffold configurations can vary greatly, so for a Cuplock System of typically 1.2 m width, constructed using 2m lifts, braced and tied in accordance with patterns given in these recommendations, without cladding, with a maximum of two Heavy Duty Working Platform levels (6.6kN), two levels of Planks and Platform Brackets, guardrails at the outside face at 1m vertical spacing for full height of scaffold, diagonal bracing for full height, the maximum height of the scaffold constructed with bay lengths of 3.00m or less is 45m.

**Note:** Any additional equipment such as additional planked levels, working platforms, platform brackets, spurs or the like will increase leg load and hence reduce the maximum height of the scaffold. In this case, assessment shows that scaffold configuration exceeds the above conditions; therefore we advise to consult an engineering representative for technical design assistance regarding scaffold maximum heights and tying configurations to suit project specific needs.

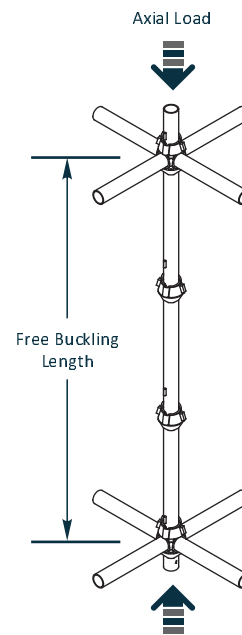
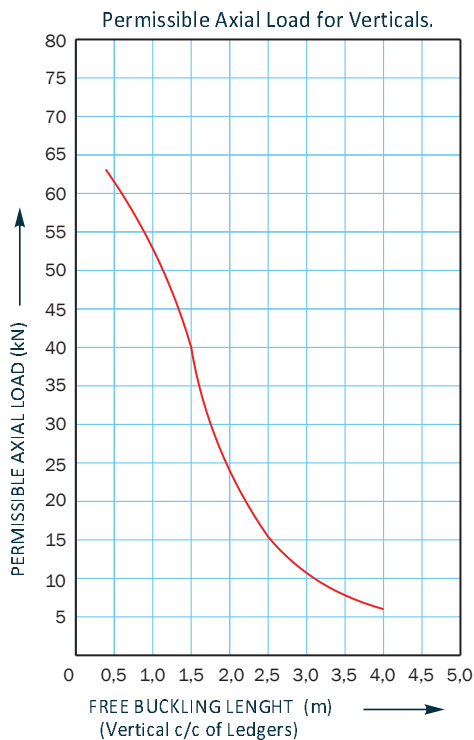
## Working Loads of Access Scaffolds:

Working load is the total load of all persons, equipment, tools, materials, transmitted loads, and other loads reasonably anticipated to be applied to a scaffold or scaffold component at any one time. There are three different types of scaffolds according to load (Light Duty Scaffolds, Medium Duty Scaffolds, and Heavy Duty Scaffolds as follows:

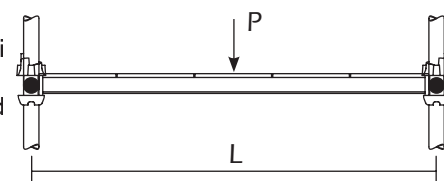
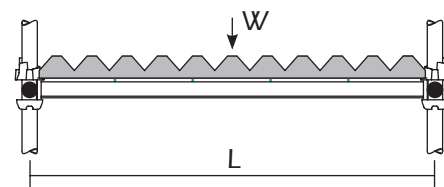
**1. Light Duty Scaffolds:** Designed and constructed to carry a working load of 1.2 kN/m<sup>2</sup>

**2. Medium Duty Scaffolds:** Designed and constructed to carry a working load of 2.4 kN/m<sup>2</sup>

**3. Heavy Duty Scaffolds:** Design and Constructed to carry a working load of 3.6 kN/m<sup>2</sup>



Case	L (m)	W ** (kN/m <sup>2</sup> )	P (kN)	Typical load examples per bay
Heavy Duty	1.0	3.6	2.0	2 men and 200 kg of materials
	1.2	3.6	2.0	
Medium Duty	1.8	2.4	1.5	2 men and 100 kg of materials
	2.5	2.4	1.5	
Light Duty	3.0	1.2	0.75	2 men and tools. No materials



Building

**\*\* Source:**

- Code of Construction Safety Practice - Municipality of Dubai, Dubai Government
- BS 5973 – Access and Working Scaffolds and Special Scaffold Structures in Steel

**Notes:**

- Loads W and P shown are not simultaneous loads
- The Short Ledger (Transom) Working Load Limits shown in the table. Typically, this limitation applies to working platform widths equal to Transom size 'L' shown.



# Safe and Versatile Mobile Towers and Scaffold Towers with Cuplock System

Square or rectangular access towers can be erected with standard Cuplock system components using standard base jack or adjustable castor wheels for full mobility. The working platform can be formed using either scaffold boards or battens. When scaffold boards are used, intermediate transoms will be necessary if the width of the tower is greater than the safe span of the boards.

The maximum height of a free-standing mobile tower for use internally is 3.5 times the minimum base dimension. For free-standing towers used externally, the maximum height must not exceed 3 times the minimum base dimension. For heights greater than this, additional measures should be taken to ensure the tower is rigid and stable. This can be done by using stabilizers, weighing the base of the tower or tying the tower in to a stable structure.

## Bracing

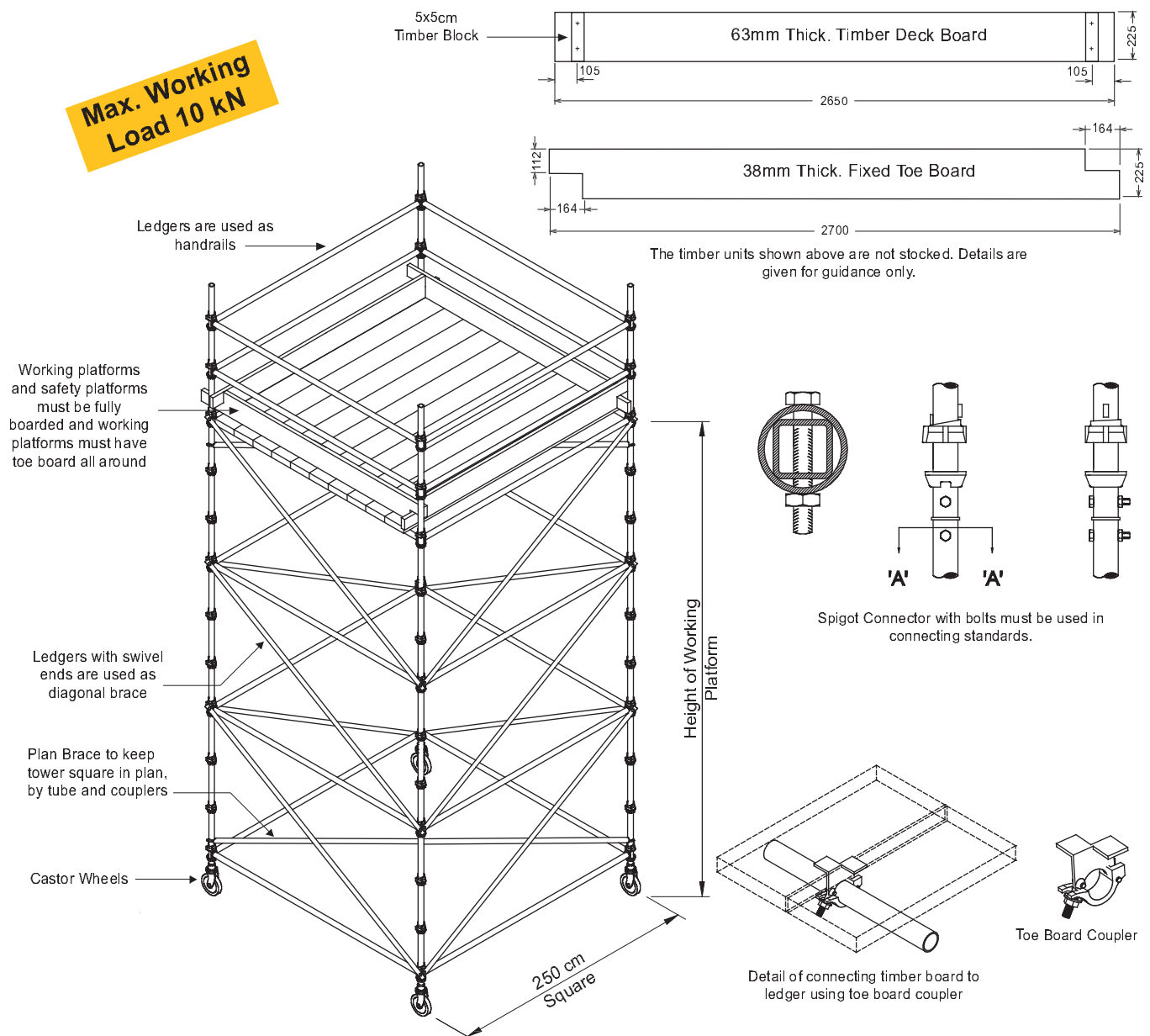
All towers must be fully braced on all four sides and should be adequately plan braced with tube and couplers.

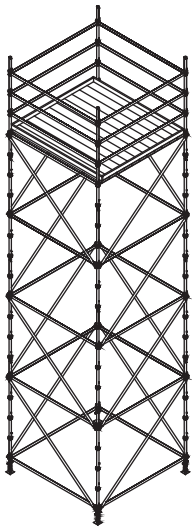
## Max. Working Load

The maximum working load on all towers is 10kN (1 ton). All towers with a working platform above 5.9 m should be erected on steel castor wheels.

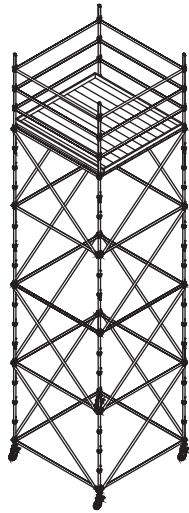
## Important Safety Note:

Castor wheels must be locked before the tower is used and the tower must never be moved with men or materials on it.

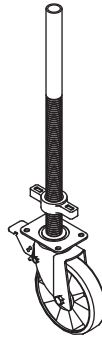




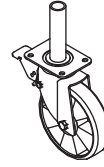
Scaffold Tower



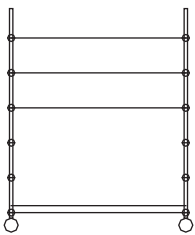
Mobile Tower



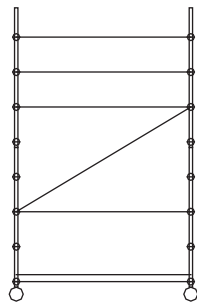
Adj. Castor Wheel



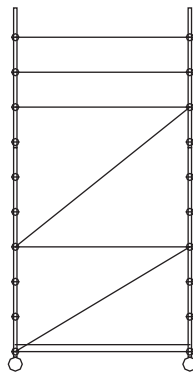
Castor Wheel



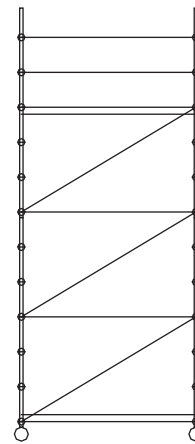
1.9m Platform



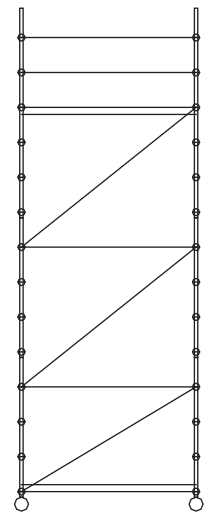
2.9m Platform



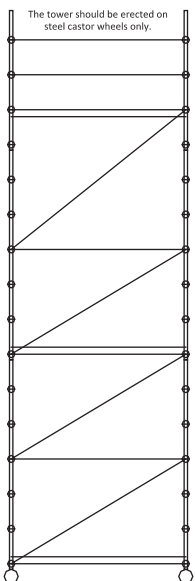
3.9m Platform



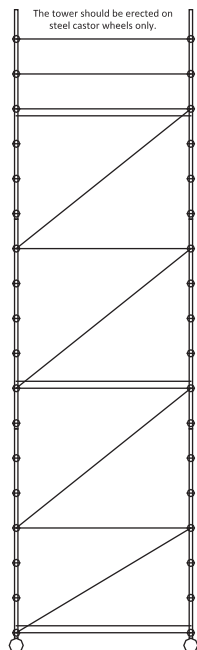
4.9m Platform



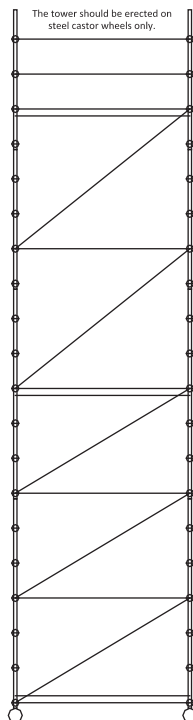
5.9m Platform



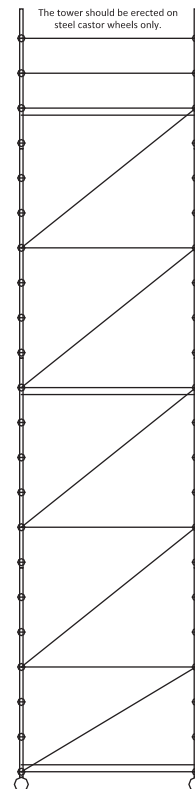
6.9m Platform



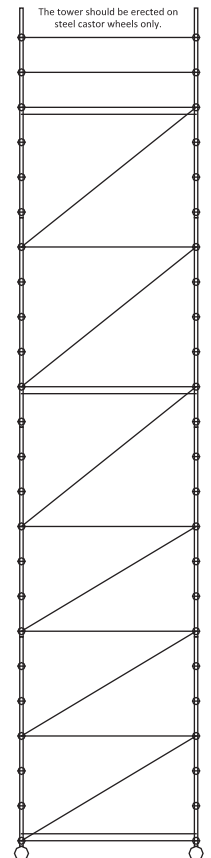
7.9m Platform



8.9m Platform



9.9m Platform



10.9m Platform

The tower should be erected on steel castor wheels only.

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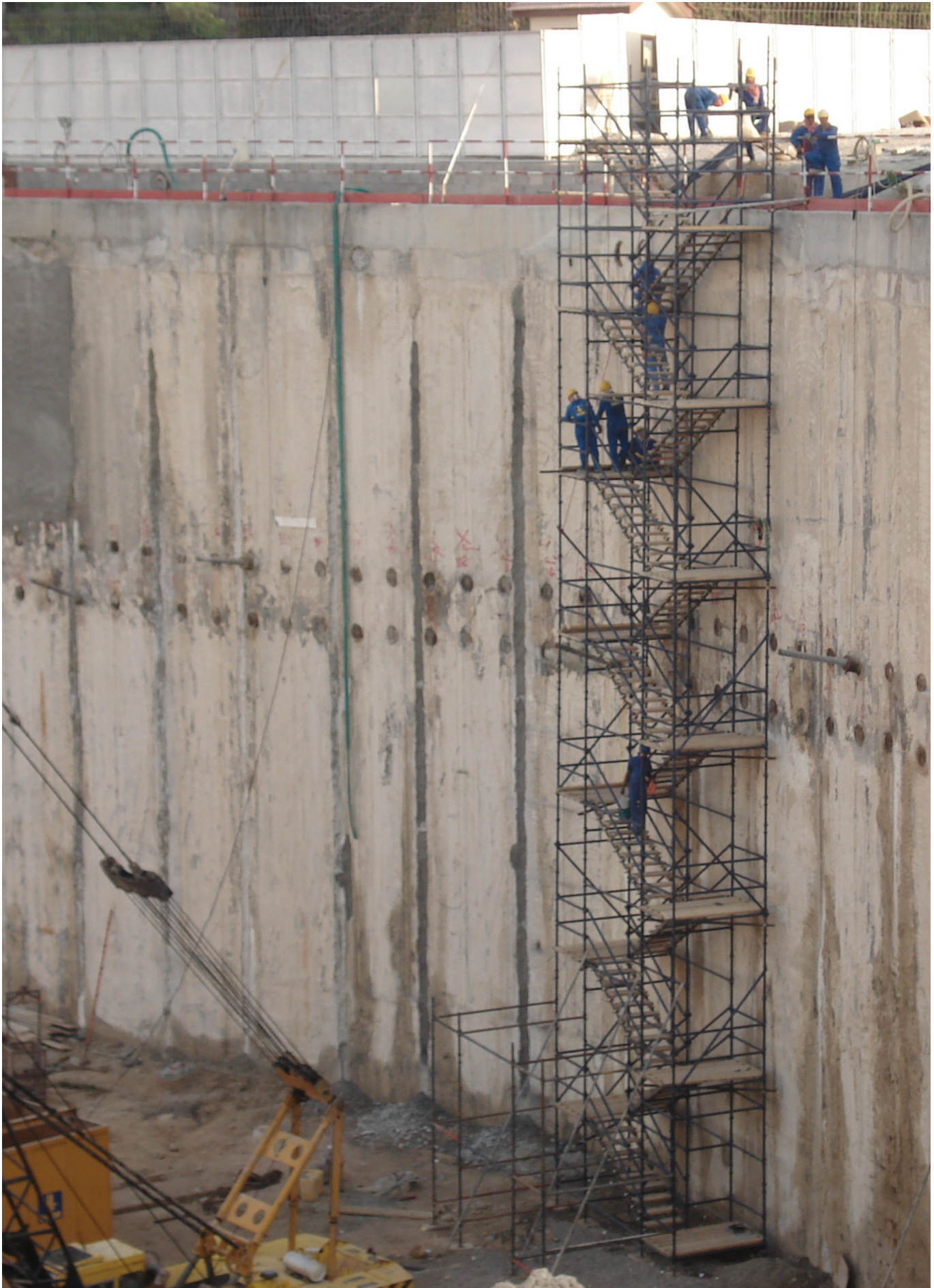
The tower should be erected on steel castor wheels only.

The tower should be erected on steel castor wheels only.

For these cases the stability of the tower must be increased by:  
 i) Using Stabilizers ii) Weighting the base of the Tower iii) Tying the tower into a stable structure



# Staircase Tower offers a Full Range of Stairway Solutions for Temporary Access

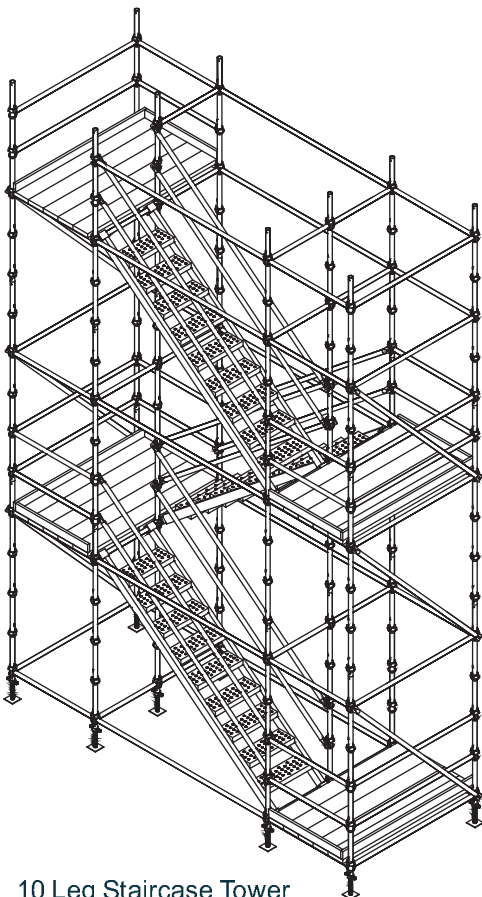


Staircase Tower provides a safe access solution for various construction purposes. Staircase towers generate significant time savings for everyone on site. There are two basic staircase options in the Cuplock System range for light, medium duty and heavy duty requirements.

The scaffold system will provide the main structure for the tower. The staircase tower offers a stable, rigid structure designed with a key emphasis on user safety. Board landing platforms with steel or timber battens can be used. Stairways are rigid and provide firm, non-slip treads to ensure maximum security for users.

### Staircase Sizes

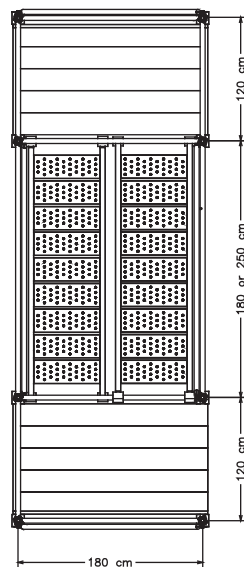
Staircase towers are based on two plan layouts, using 8 or 10 leg tower structures. Each staircase type comes in 1.5m or 2.0m lifts. Different lift sizes may be combined in the same tower to suit platform levels.



10 Leg Staircase Tower

Plan area: Option 1: 1.8m x 4.2m  
Option 2: 1.8m x 4.9m

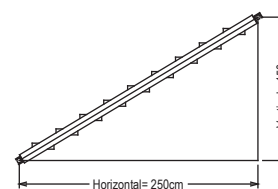
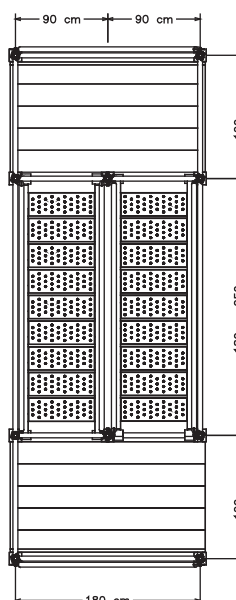
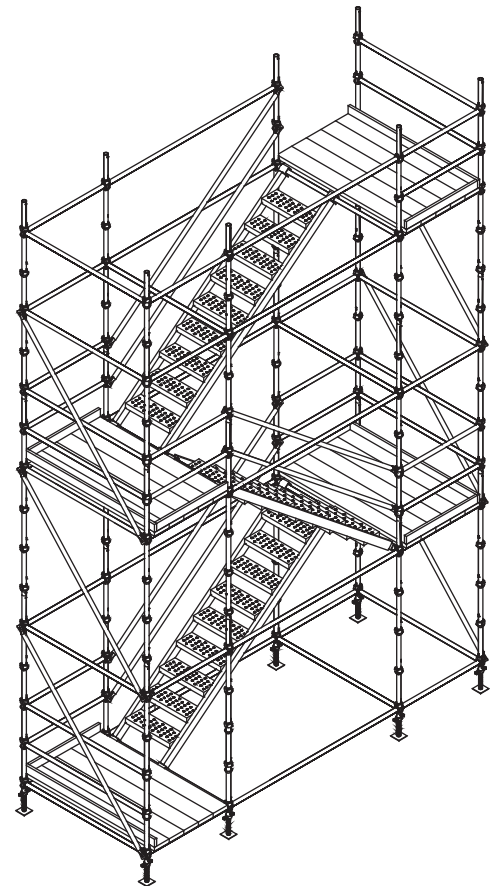
Suitable for heights up to 53m and heavier loading requirements, this staircase is similar in layout to the 8 legged tower, but incorporates two additional central standards at the inside ends of the staircase flights. Landing platforms are 1.2m wide, the staircase is 0.80m wide. It can be built in lift heights of 1.5 or 2m.



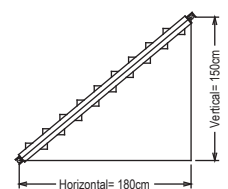
8 Leg Staircase Tower

Plan area: Option 1: 1.8m x 4.2m  
Option 2: 1.8m x 4.9m

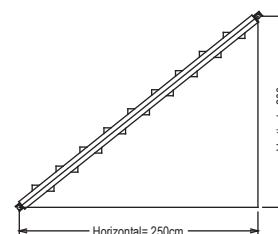
This configuration can be built to a height of 35m, subject to ties and loadings. Landing platforms are 1.2m wide and the staircase is 0.80m wide. It can be built in lift heights of 1.5 or 2.0m. Couplers are used in conjunction with timber boards. Steel battens can also be used to form the landing platforms. The width of the tower is 1.8m. Exit from the tower at upper levels is made from the top landing platform by removing the appropriate guardrail.



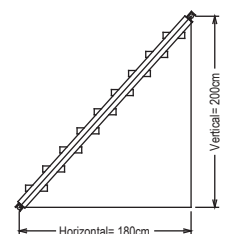
Staircase Unit: H250-V150



Staircase Unit: H180-V150



Staircase Unit: H250-V200



Staircase Unit: H180-V200



# **M.D. Access Scaffold**

**The Easiest Solution for Construction**





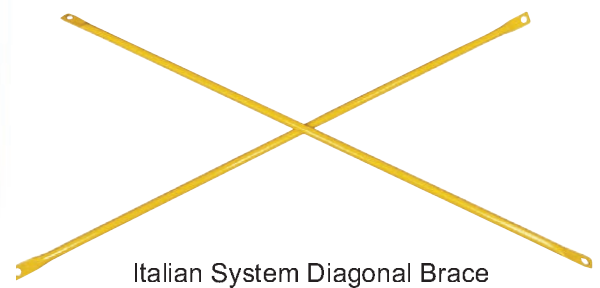
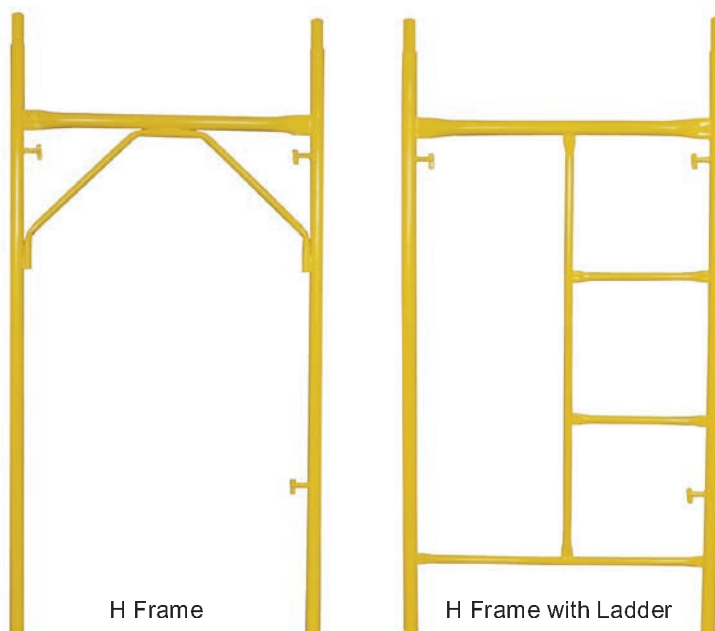
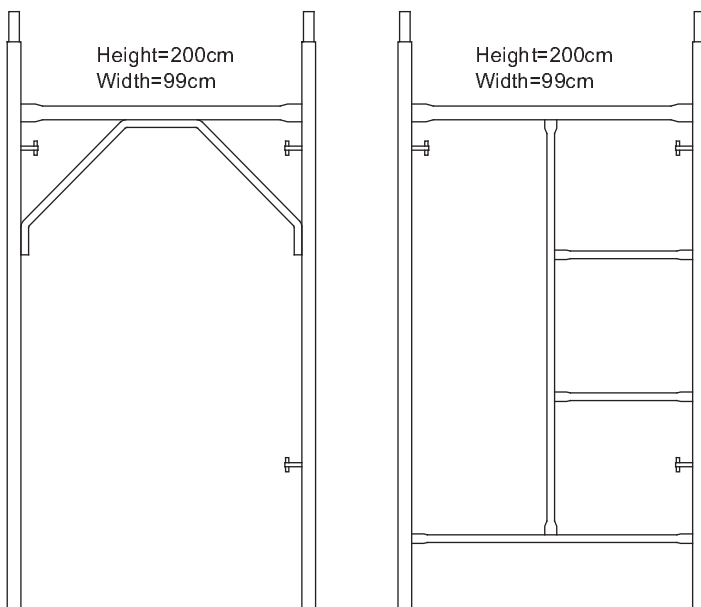
## H Frames (Italian System)

High quality M.D. external system is designed to be easily erected and dismantled without help from professionals. The "H" frame, or vertical member, has welded square or round pins on top for ease of connection.

This allows for erecting the frames faster and to any height with maximum safety and stability. The system is designed not to include any loose fittings inside.

The external systems have a three-way support to hold greater loads and ensure greater stability.

The vertical frames (H frames) are available in side ladder type, 3 step ladder, and normal "H" shape. Non-standard sizes are available, on request, for a minimal charge.



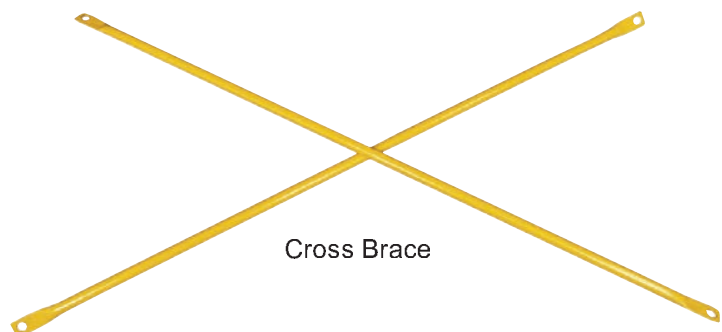
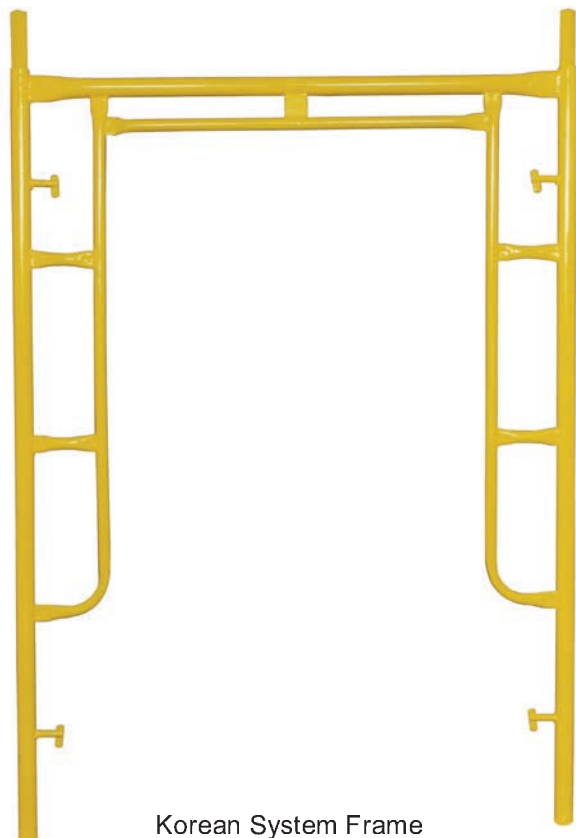
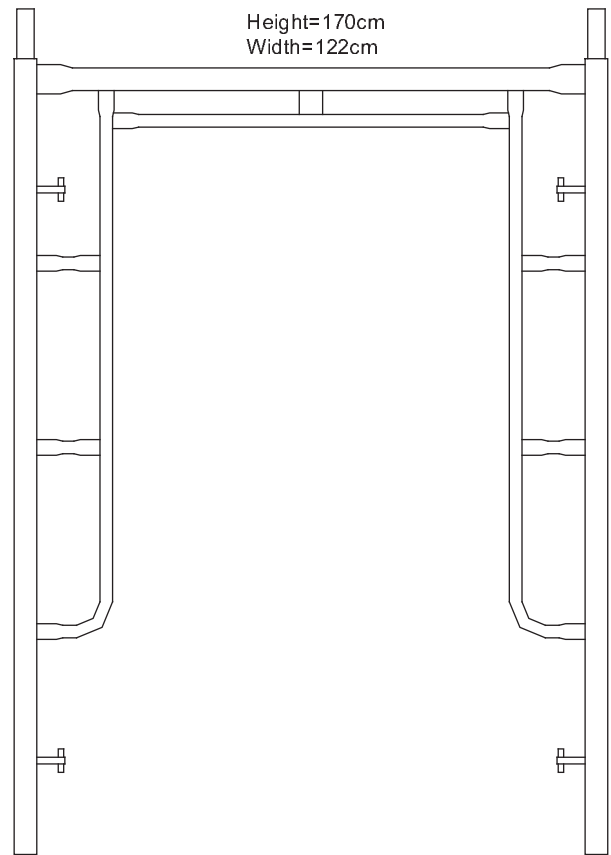


## H Frames (Korean System)



The Korean style exterior system, otherwise known as beatty and load tower type, allows working on the interior as well as the exterior of civil construction works. Its vertical member has an arched construction with a height of 1.70 m and a width of 1.22 m, therefore allowing for a greater area on top of the work platform.

The 2.20 m long cross braces safely hold the two frames of the system together.



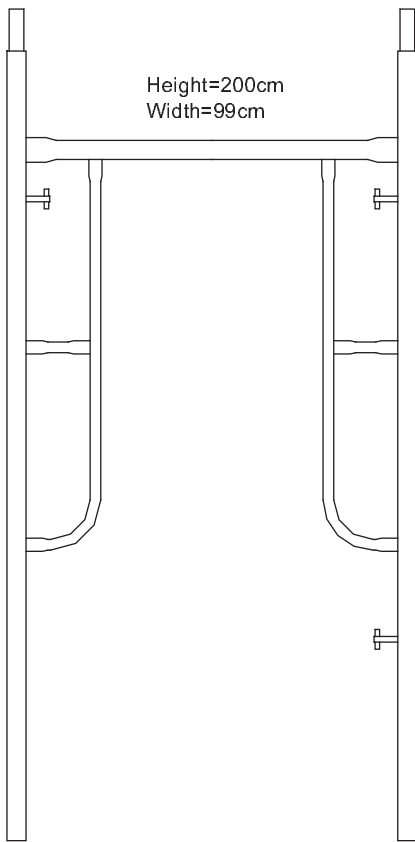
Cross Brace

Korean System Frame

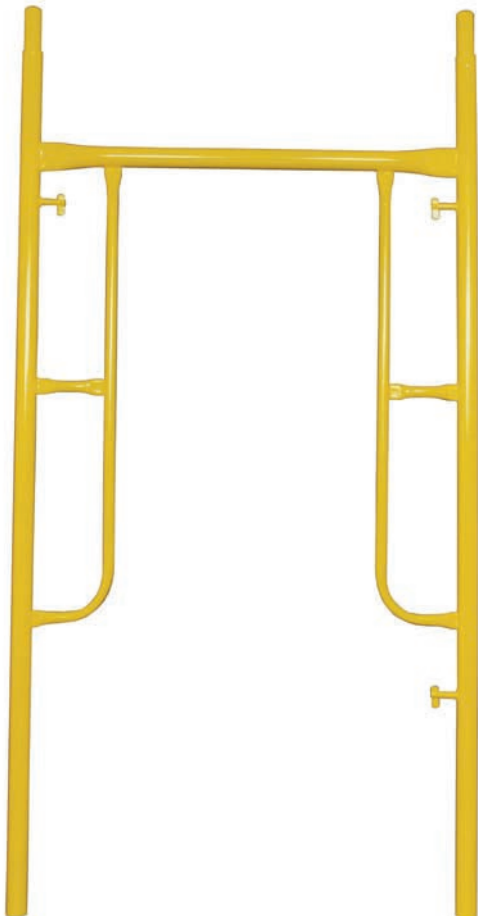




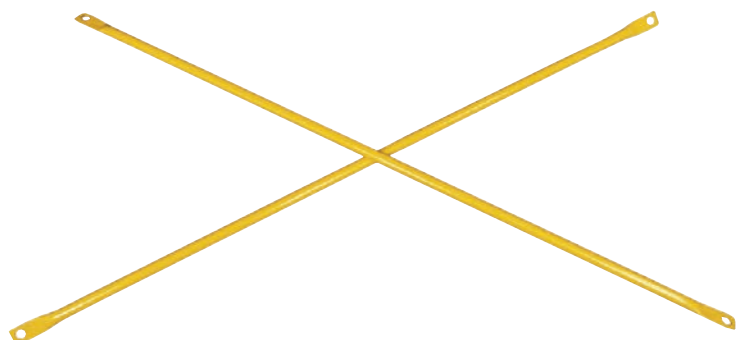
## H Frames (New Korean System)



New Korean System




















New Korean System Horizontal Brace

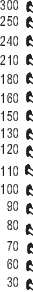









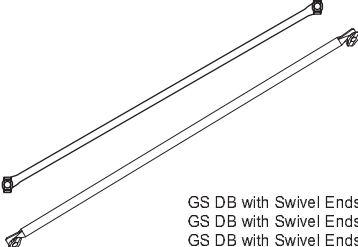
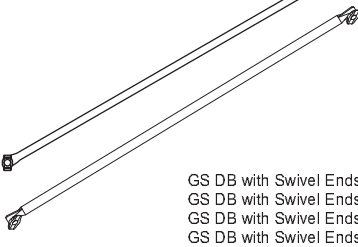
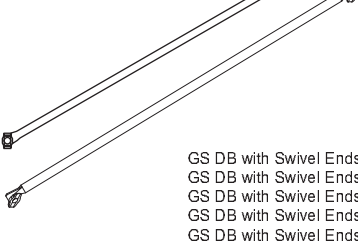
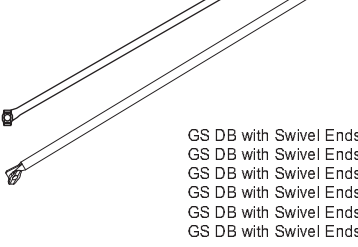
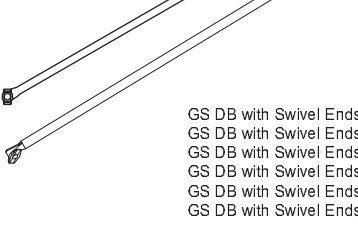
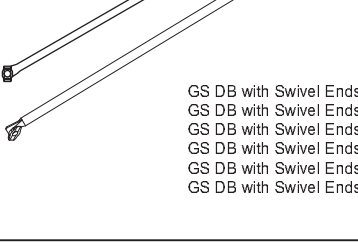








	Wt. (kg)	Code
<b>Standard</b>		
	Standard 300 cm	13.80 FGS01P30300
	Standard 250 cm	11.50 FGS01P30250
	Standard 200 cm	9.20 FGS01P30200
	Standard 150 cm	6.90 FGS01P30150
	Standard 100 cm	4.61 FGS01P30100
	Standard 050 cm	2.31 FGS01P30050
	Standard 280 cm	13.13 FGS01P30280
	Standard 230 cm	10.83 FGS01P30230
	Standard 180 cm	8.53 FGS01P30180
	Standard 130 cm	6.23 FGS01P30130
	Standard 080 cm	3.94 FGS01P30080
	Standard 070 cm	2.98 FGS01P30070
	Standard 030 cm	1.64 FGS01P30030
	Standard 230 cm	
	Standard 180 cm	
	Standard 130 cm	
	Standard 080 cm	

Finish: Painted  
Tube dia.: 48.3mm  
50cm between cups (Nodes)

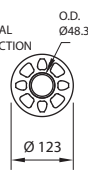
	Wt. (kg)	Code
<b>Ledger</b>		
	Ledger 300 cm	9.64 FGS02P28300
	Ledger 250 cm	8.07 FGS02P28250
	Ledger 240 cm	7.76 FGS02P28240
	Ledger 210 cm	6.81 FGS02P28210
	Ledger 200 cm	6.50 FGS02P28200
	Ledger 180 cm	5.87 FGS02P28180
	Ledger 160 cm	5.24 FGS02P28160
	Ledger 150 cm	4.93 FGS02P28150
	Ledger 130 cm	4.30 FGS02P28130
	Ledger 120 cm	3.99 FGS02P28120
	Ledger 110 cm	3.67 FGS02P28110
	Ledger 100 cm	3.36 FGS02P28100
	Ledger 090 cm	3.04 FGS02P28090
	Ledger 080 cm	2.73 FGS02P28080
	Ledger 070 cm	2.42 FGS02P28070
	Ledger 060 cm	2.10 FGS02P28060
	Ledger 030 cm	1.16 FGS02P28030

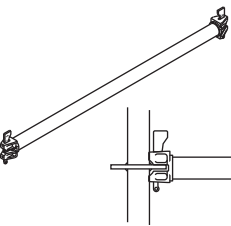
Finish: Painted  
Tube dia.: 48.3mm  
Ledger size defines as center to center of standards

	Wt. (kg)	Code
<b>GS Diagonal Brace With Swivel Ends (GS DB)</b>		
	GS DB with Swivel Ends 233 cm	8.48 FGS50P28233
	GS DB with Swivel Ends 238 cm	8.64 FGS50P28238
	GS DB with Swivel Ends 256 cm	9.20 FGS50P28256
	GS DB with Swivel Ends 269 cm	9.61 FGS50P28269
	GS DB with Swivel Ends 320 cm	11.21 FGS50P28320
	GS DB with Swivel Ends 353 cm	12.25 FGS50P28353

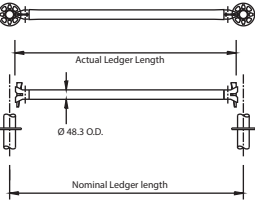
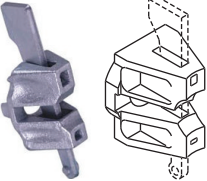
	Wt. (kg)	Code
<b>Shorelok Standard (SL) - 48</b>		
	SL - 48 Standard 050 cm Painted	2.25 FSL01P32A050
	SL - 48 Standard 100 cm Painted	4.50 FSL01P32A100
	SL - 48 Standard 150 cm Painted	6.75 FSL01P32A150
	SL - 48 Standard 200 cm Painted	9.00 FSL01P32A200
	SL - 48 Standard 250 cm Painted	11.25 FSL01P32A250
	SL - 48 Standard 300 cm Painted	13.50 FSL01P32A300


Finish: Painted +E/P + Hot Dip Galvanized  
Tube dia.: 48.3mm  
50cm between rings (Nodes).



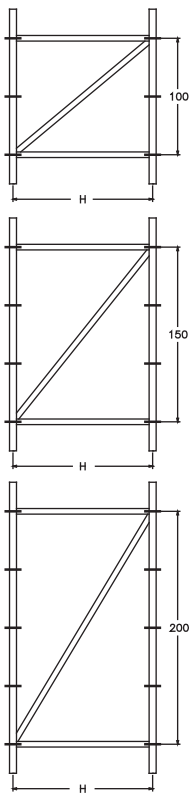
	Wt. (kg)	Code
<b>Shorelok Ledger (SL)</b>		
	SLL 030 cm Painted	1.76 FSL02P30A030
	SLL 060 cm Painted	2.77 FSL02P30A060
	SLL 090 cm Painted	3.77 FSL02P30A090
	SLL 100 cm Painted	4.11 FSL02P30A100
	SLL 120 cm Painted	4.78 FSL02P30A120
	SLL 130 cm Painted	5.11 FSL02P30A130
	SLL 150 cm Painted	5.78 FSL02P30A150
	SLL 160 cm Painted	6.12 FSL02P30A160
	SLL 180 cm Painted	6.79 FSL02P30A180
	SLL 210 cm Painted	7.79 FSL02P30A210
	SLL 240 cm Painted	8.80 FSL02P30A240
	SLL 250 cm Painted	9.13 FSL02P30A250
	SLL 270 cm Painted	9.80 FSL02P30A270
	SLL 300 cm Painted	10.81 FSL02P30A300

Finish: Painted +E/P + Hot Dip Galvanized  
Tube dia.: 48.3mm  
Ledger size defines as center to center of Standards (Verticals)

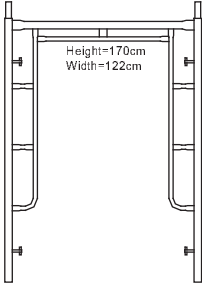
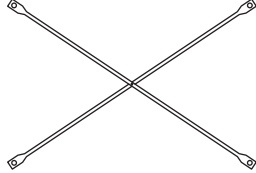
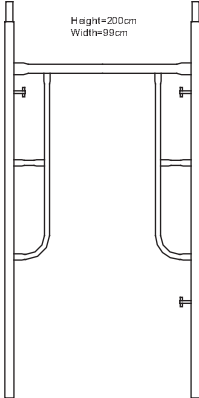
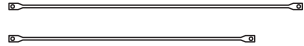
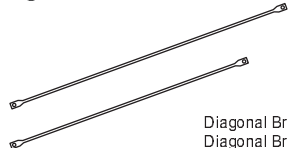
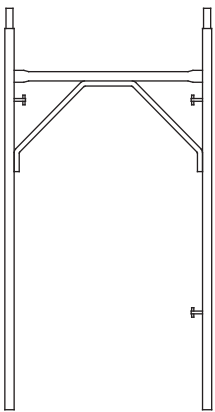
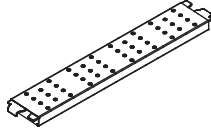
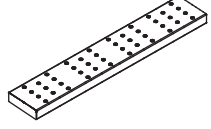
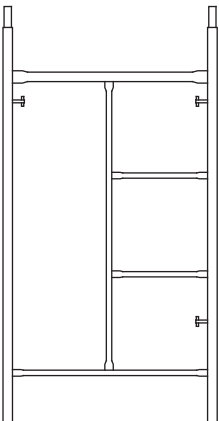



	Wt. (kg)	Code
<b>Shorelok Diagonal Brace (SL DB)</b>		
	SL DB 116.6 cm (H=060 V=100)	5.66 FSL19P30A01117
	SL DB 134.5 cm (H=090 V=100)	6.16 FSL19P30A01117
	SL DB 141.4 cm (H=100 V=100)	6.36 FSL19P30A03142
	SL DB 156.2 cm (H=120 V=100)	6.81 FSL19P30A04156
	SL DB 164.0 cm (H=130 V=100)	7.06 FSL19P30A05164
	SL DB 180.3 cm (H=150 V=100)	7.58 FSL19P30A06180
	SL DB 188.7 cm (H=160 V=100)	7.85 FSL19P30A07189
	SL DB 205.9 cm (H=180 V=100)	8.41 FSL19P30A08206
	SL DB 232.6 cm (H=210 V=100)	9.28 FSL19P30A09233
	SL DB 260.0 cm (H=240 V=100)	10.19 FSL19P30A10260
	SL DB 269.3 cm (H=250 V=100)	10.49 FSL19P30A11269
	SL DB 287.9 cm (H=270 V=100)	11.11 FSL19P30A12288
	SL DB 316.2 cm (H=300 V=100)	12.05 FSL19P30A13316
	SL DB 161.6 cm (H=060 V=150)	7.25 FSL19P30A14162
	SL DB 174.9 cm (H=090 V=150)	7.60 FSL19P30A15175
	SL DB 180.3 cm (H=100 V=150)	7.76 FSL19P30A16180
	SL DB 192.1 cm (H=120 V=150)	8.11 FSL19P30A17192
	SL DB 198.5 cm (H=130 V=150)	8.30 FSL19P30A18199
	SL DB 212.1 cm (H=150 V=150)	8.73 FSL19P30A19212
	SL DB 219.3 cm (H=160 V=150)	8.95 FSL19P30A20219
	SL DB 234.3 cm (H=180 V=150)	9.43 FSL19P30A21235
	SL DB 258.1 cm (H=210 V=150)	10.19 FSL19P30A22258
	SL DB 283.0 cm (H=240 V=150)	11.01 FSL19P30A23283
	SL DB 291.3 cm (H=250 V=150)	11.28 FSL19P30A24292
	SL DB 308.9 cm (H=270 V=150)	11.85 FSL19P30A25309
	SL DB 335.4 cm (H=300 V=150)	12.73 FSL19P30A26336
	SL DB 208.8 cm (H=060 V=200)	8.87 FSL19P30A27209
	SL DB 219.3 cm (H=090 V=200)	9.15 FSL19P30A28220
	SL DB 223.6 cm (H=100 V=200)	9.27 FSL19P30A29224
	SL DB 233.2 cm (H=120 V=200)	9.55 FSL19P30A30234
	SL DB 238.5 cm (H=130 V=200)	9.71 FSL19P30A31239
	SL DB 250.0 cm (H=150 V=200)	10.06 FSL19P30A32250
	SL DB 256.1 cm (H=160 V=200)	10.25 FSL19P30A33256
	SL DB 269.1 cm (H=180 V=200)	10.65 FSL19P30A34269
	SL DB 290.0 cm (H=210 V=200)	11.32 FSL19P30A35290
	SL DB 312.4 cm (H=240 V=200)	12.04 FSL19P30A36313
	SL DB 320.2 cm (H=250 V=200)	12.29 FSL19P30A37320
	SL DB 336.0 cm (H=270 V=200)	12.81 FSL19P30A38336
	SL DB 360.6 cm (H=300 V=200)	13.61 FSL19P30A39361

Finish: Painted + E/P + Hot Dip Galvanized





	Wt. (kg)	Code		Wt. (kg)	Code
<b>Korean System Frame</b>			<b>Cross Brace (CB)</b>		
					
Korean Frame 122x170 cm - Painted	14.88	FEX03P20170	CB 224 cm with Bolt Painted	5.65	FEXCBP18224
			CB 278 cm with Bolt Painted	6.96	FEXCBP18278
			CB 324 cm Painted W/Nut & Bolt	8.11	FEXCBP18324
<b>New Korean System Frame</b>			<b>Horizontal Brace</b>		
					
New Korean Frame 100x200 cm - Painted	16.65	FEX04P20200	Horizontal Brace 254 cm Painted	3.14	FEXBRP18254
New Korean Frame 100x200 cm - Painted (HD)	21.43	FEX04P28200	Horizontal Brace 304 cm Painted	3.76	FEXBRP18304
			<b>Diagonal Brace</b>		
					
			Diagonal Brace 278 cm Painted	3.44	FEXBRP18278
			Diagonal Brace 324 cm Painted	4.01	FEXBRP18324
<b>Italian Frame</b>			<b>Steel Board (SB)</b>		
					
Italian Frame - 100x200 cm	14.00	FEX01P20200	<b>B Type With Hook</b>		
Italian Frame - 100x200 cm (HD)	18.77	FEX01P28200	SB 060 cm - Painted	6.06	FEXSPB060
			SB 070 cm - Painted	6.68	FEXSPB070
			SB 080 cm - Painted	7.30	FEXSPB080
			SB 090 cm - Painted	7.92	FEXSPB090
			SB 100 cm - Painted	8.55	FEXSPB100
			SB 110 cm - Painted	9.61	FEXSPB110
			SB 120 cm - Painted	9.79	FEXSPB120
			SB 130 cm - Painted	10.41	FEXSPB130
			SB 150 cm - Painted	11.66	FEXSPB150
			SB 160 cm - Painted	12.28	FEXSPB160
			SB 180 cm - Painted	13.52	FEXSPB180
			SB 200 cm - Painted	14.77	FEXSPB200
			SB 210 cm - Painted	15.39	FEXSPB210
			SB 230 cm - Painted	16.63	FEXSPB230
			SB 240 cm - Painted	17.57	FEXSPB240
			SB 250 cm - Painted	18.19	FEXSPB250
			SB 280 cm - Painted	20.06	FEXSPB280
			SB 300 cm - Painted	21.30	FEXSPB300
					
			<b>A Type plain End</b>		
			SB 050 cm - Painted	4.34	FEXSPA050
			SB 060 cm - Painted	4.96	FEXSPA060
			SB 070 cm - Painted	5.58	FEXSPA070
			SB 080 cm - Painted	6.21	FEXSPA080
			SB 090 cm - Painted	6.83	FEXSPA090
			SB 100 cm - Painted	7.45	FEXSPA100
			SB 110 cm - Painted	8.07	FEXSPA110
			SB 120 cm - Painted	8.69	FEXSPA120
			SB 130 cm - Painted	9.32	FEXSPA130
			SB 150 cm - Painted	10.56	FEXSPA150
			SB 160 cm - Painted	11.18	FEXSPA160
			SB 180 cm - Painted	12.43	FEXSPA180
			SB 200 cm - Painted	13.67	FEXSPA200
			SB 230 cm - Painted	15.54	FEXSPA230
			SB 250 cm - Painted	17.11	FEXSPA250
			SB 280 cm - Painted	8.96	FEXSPA280
			SB 300 cm - Painted	20.21	FEXSPA300
			SB 320 cm - Painted	21.45	FEXSPA320
			SB 360 cm - Painted	24.26	FEXSPA360
			SB 390 cm - Painted	26.12	FEXSPA390
			SB 400 cm - Painted	26.75	FEXSPA400
<b>Ladder Frame</b>					
					
Ladder Frame 100x200 cm	16.31	FEX02P20200			
Ladder Frame 100x200 cm (HD)	21.10	FEX02P28200			



Transom	Wt. (kg)	Code
<b>Painted</b>		
Transom 060 cm - 3 mm	4.09	FGS08P28060
Transom 070 cm - 3 mm	4.40	FGS08P28070
Transom 080 cm - 3 mm	4.72	FGS08P28080
Transom 090 cm - 3 mm	5.03	FGS08P28090
Transom 100 cm - 3 mm	5.34	FGS08P28100
Transom 110 cm - 3 mm	5.66	FGS08P28110
Transom 120 cm - 3 mm	5.97	FGS08P28120
Transom 130 cm - 3 mm	6.29	FGS08P28130
Transom 150 cm - 3 mm	6.92	FGS08P28150
Transom 160 cm - 3 mm	7.23	FGS08P28160
Transom 180 cm - 3 mm	7.86	FGS08P28180
Transom 200 cm - 3 mm	8.49	FGS08P28200
Transom 210 cm - 3 mm	8.80	FGS08P28210
Transom 240 cm - 3 mm	9.74	FGS08P28240
Transom 250 cm - 3 mm	10.06	FGS08P28250

Finish: Painted + EP + Hot Dip Galvanized  
Tube dia.: 48.3mm

### GS Spigot Connector (SC)

	GS SC Round with Bolts - P	0.98	FSCRBP01
	GS SC Square with Bolts - P	0.74	FSCSBP01
	GS SC W/ washer - P	0.70	FSCSWP01
	GS SC W/ washer & Bolts - P	0.84	FSCSWP02
	GS SC Round with Bolts - E	0.98	FSCRBE01
	GS SC Square with Bolts - E	0.74	FSCSBE01
	GS SC W/ washer - E	0.70	FSCSWE01
	GS SC W/ washer & Bolts - E	0.84	FSCSWE02

Attached to the standards with  
M9x75 mm bolt & nut (half threaded)

### Anchor Plate (AP)

	AP 030 cm Painted	3.07	FAPP030
	AP 060 cm Painted	4.07	FAPP060
	AP 150 cm Painted	7.09	FAPP150
	AP 180 cm Painted	8.09	FAPP180

Finish: Painted

### Base Jack (BJ)

<b>Painted</b>			
	BJ 65cm H-P 12x12cm-38 Dia.	3.16	FBJN38HP1265
	BJ 65cm H-P 15x15cm-38 Dia.	3.52	FBJN38HP1565
	BJ 76cm H-P 12x12cm-38 Dia.	3.51	FBJN38HP1276
	BJ 76cm H-P 15x15cm-38 Dia.	3.87	FBJN38HP1576
<b>Electroplated</b>			
	BJ 65cm H-E 12x12cm-38 Dia.	3.16	FBJN38HE1265
	BJ 65cm H-E 15x15cm-38 Dia.	3.52	FBJN38HE1565
	BJ 76cm H-E 12x12cm-38 Dia.	3.51	FBJN38HE1276
	BJ 76cm H-E 15x15cm-38 Dia.	3.87	FBJN38HE1576

D/F Jack handle  
38mm Hollow tube  
Plate 15x15cm (With holes)  
Plate 12x12cm (Without holes)

### Base Plate (BP)

	BP 12x12x0.57 MD (Dia-27x2.0x100) Painted	0.77	FBP27HP1012
	BP 15x15x0.57 MD (Dia-27x2.0x100) Painted	1.13	FBP27HP1015
	BP 12x12x0.78 HD (Dia-38x3.8x100) Painted	1.22	FBP38HP1012
	BP 15x15x0.78 HD (Dia-38x3.8x100) Painted	1.71	FBP38HP1015

Plate 15x15cm (With holes)  
Plate 12x12cm (Without holes)

### Socket Base Adaptor (SBA)

	SBA Painted	1.38	FGS11P2815
	SBA Painted	1.41	FGS11P3015
	SBA Painted	1.43	FGS11P3215
	Adaptor 30cm Painted	2.65	FGS11P3030
	Adaptor 36cm Painted	2.85	FGS11P3036
	Adaptor 30cm Painted	2.71	FGS11P3230
	Adaptor 36cm Painted	2.92	FGS11P3236

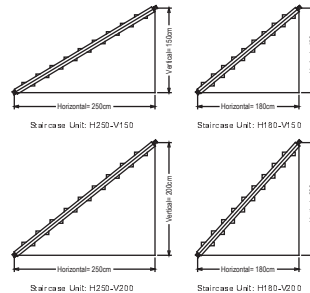
Socket Base Adaptor  
Adaptor 36cm  
Adaptor 30cm

### Steel Staircase (SS)

<b>Painted</b>			
	SS-250(H)x200(V)x070(W)x320(L)	75.76	FSC20P070320
	SS-250(H)x200(V)x080(W)x320(L)	82.04	FSC20P080320
	SS-250(H)x200(V)x090(W)x320(L)	88.32	FSC20P090320
	SS-250(H)x200(V)x100(W)x320(L)	94.60	FSC20P100320
	SS-250(H)x200(V)x110(W)x320(L)	100.88	FSC20P110320
	SS-250(H)x200(V)x120(W)x320(L)	107.16	FSC20P120320
<b>Painted</b>			
	SS-180(H)x150(V)x70(W)x234(L)	67.87	FSC20P070234
	SS-180(H)x200(V)x70(W)x269(L)	71.08	FSC20P070269
	SS-250(H)x150(V)x70(W)x292(L)	73.19	FSC20P070292

H = 240 (cm)  
V = 200 (cm)  
H (cm)  
V (cm)

H = Horizontal (cm)  
V = Vertical (cm)  
L = Length (cm)  
W = Width (cm)



### Scaffold Tube (ST) Painted

<b>M.D. Tube</b>			
	ST 100 cm MD	2.28	FSTP20100
	ST 150 cm MD	3.42	FSTP20150
	ST 200 cm MD	4.57	FSTP20200
	ST 250 cm MD	5.71	FSTP20250
	ST 300 cm MD	6.85	FSTP20300
	ST 350 cm MD	7.99	FSTP20350
	ST 400 cm MD	9.13	FSTP20400
	ST 450 cm MD	10.27	FSTP20450
	ST 500 cm MD	11.42	FSTP20500
	ST 550 cm MD	12.56	FSTP20550
	ST 600 cm MD	13.70	FSTP20600

Finish: Painted  
Dia.: 48.3 mm

<b>H.D. Tube</b>			
	ST 100 cm HD	3.35	FSTP30100
	ST 150 cm HD	5.03	FSTP30150
	ST 200 cm HD	6.70	FSTP30200
	ST 250 cm HD	8.38	FSTP30250
	ST 300 cm HD	10.05	FSTP30300
	ST 350 cm HD	11.73	FSTP30350
	ST 400 cm HD	13.41	FSTP30400
	ST 450 cm HD	15.08	FSTP30450
	ST 500 cm HD	16.76	FSTP30500
	ST 550 cm HD	18.43	FSTP30550
	ST 600 cm HD	20.11	FSTP30600

Finish: Painted  
Dia.: 48.3 mm

### Scaffold Tube (ST) Black

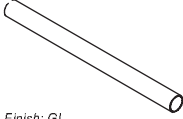
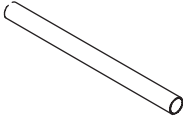
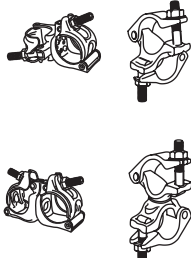
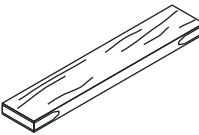
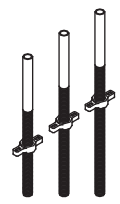
<b>M.D. Tube</b>			
	ST 100 cm MD	2.28	FSTN20100
	ST 150 cm MD	3.42	FSTN20150
	ST 200 cm MD	4.57	FSTN20200
	ST 250 cm MD	5.71	FSTN20250
	ST 300 cm MD	6.85	FSTN20300
	ST 350 cm MD	7.99	FSTN20350
	ST 400 cm MD	9.13	FSTN20400
	ST 450 cm MD	10.27	FSTN20450
	ST 500 cm MD	11.42	FSTN20500
	ST 550 cm MD	12.56	FSTN20550
	ST 600 cm MD	13.70	FSTN20600

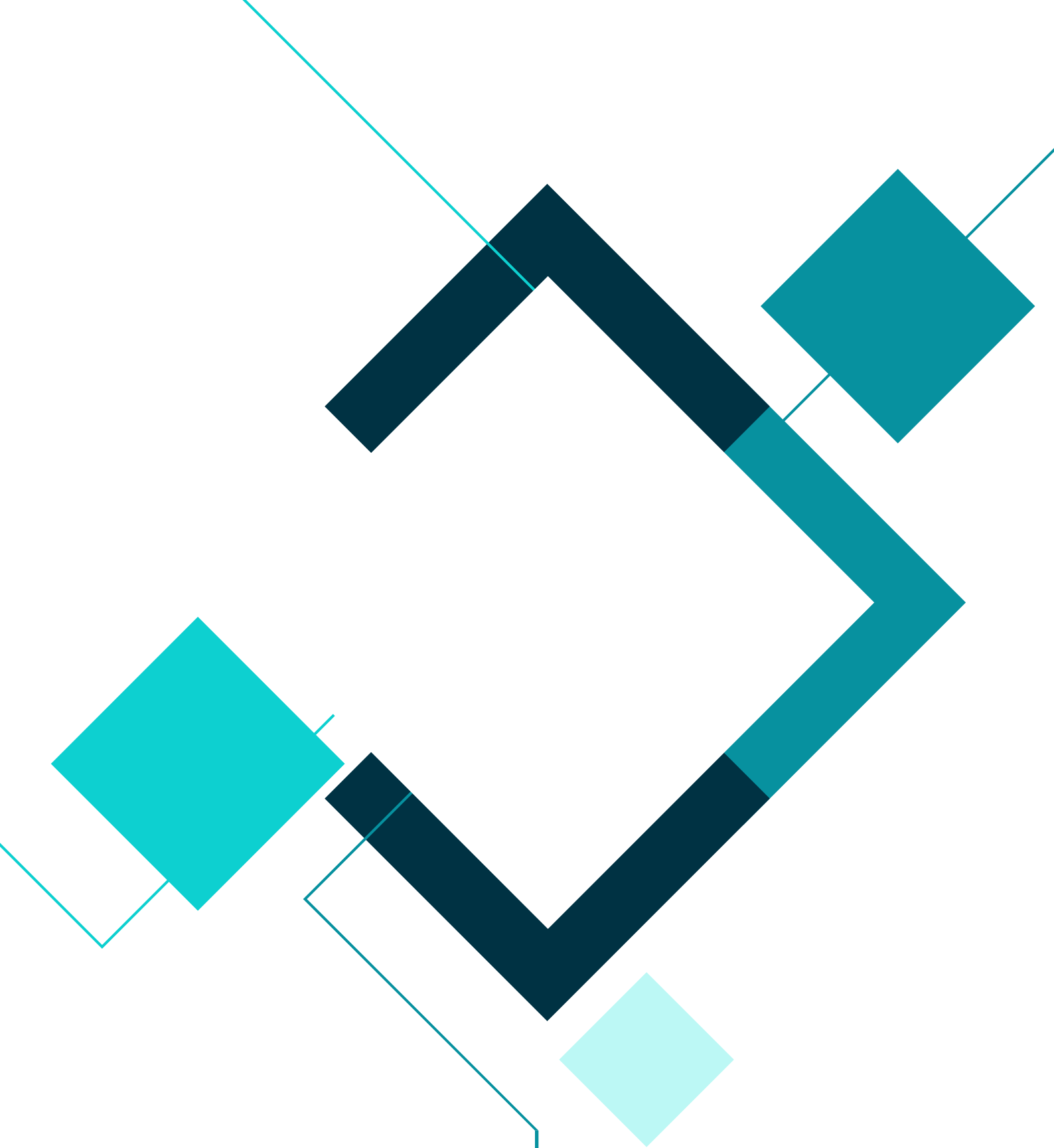
Finish: Black  
Dia.: 48.3 mm

<b>H.D. Tube</b>			
	ST 100 cm HD	3.35	FSTN30100
	ST 150 cm HD	5.03	FSTN30150
	ST 200 cm HD	6.70	FSTN30200
	ST 250 cm HD	8.38	FSTN30250
	ST 300 cm HD	10.05	FSTN30300
	ST 350 cm HD	11.73	FSTN30350
	ST 400 cm HD	13.41	FSTN30400
	ST 450 cm HD	15.08	FSTN30450
	ST 500 cm HD	16.76	FSTN30500
	ST 550 cm HD	18.43	FSTN30550
	ST 600 cm HD	20.11	FSTN30600

Finish: Black  
Dia.: 48.3 mm



	Wt. (kg)	Code	
<b>Scaffold Tube (ST) GI</b>			
<b>M.D. Tube</b>			
 <p>Finish: GI Dia.:48.3 mm</p>	ST 100 cm MD	2.28 FSTG20100	
	ST 150 cm MD	3.42 FSTG20150	
	ST 200 cm MD	4.57 FSTG20200	
	ST 250 cm MD	5.71 FSTG20250	
	ST 300 cm MD	6.85 FSTG20300	
	ST 350 cm MD	7.99 FSTG20350	
	ST 400 cm MD	9.13 FSTG20400	
	ST 450 cm MD	10.27 FSTG20450	
	ST 500 cm MD	11.42 FSTG20500	
	ST 550 cm MD	12.56 FSTG20550	
ST 600 cm MD	13.70 FSTG20600		
<b>H.D. Tube</b>			
 <p>Finish: GI Dia.:48.3 mm</p>	ST 100 cm HD	3.35 FSTG30100	
	ST 150 cm HD	5.03 FSTG30150	
	ST 200 cm HD	6.70 FSTG30200	
	ST 250 cm HD	8.38 FSTG30250	
	ST 300 cm HD	10.05 FSTG30300	
	ST 350 cm HD	11.73 FSTG30350	
	ST 400 cm HD	13.41 FSTG30400	
	ST 450 cm HD	15.08 FSTG30450	
	ST 500 cm HD	16.76 FSTG30500	
	ST 550 cm HD	18.43 FSTG30550	
ST 600 cm HD	20.11 FSTG30600		
<b>Scaffold Couplers</b>			
	<b>Double Coupler (DC)</b>		
	DC 1.5"x1.5" (D/F)	0.99 XFGCDD4848	
	DC 2.0"x1.5" (D/F)	1.20 XFGCDD6048	
	DC 1.5"x1.5" (Pressed)	0.73 XFGCDP4848	
	<b>Swivel Coupler (SC)</b>		
	SC 1.5"x1.5" (D/F)	1.10 XFGCSD4848	
SC 2.0"x1.5" (D/F)	1.25 XFGCSD6048		
SC 1.5"x1.5" (Pressed)	0.68 XFGCSP4848		
<b>Wooden Plank (WP)</b> (Timber Board)			
	<b>T W L</b>		
	WP 38.0x225x3900mm	13.70 FWP380225390	
	WP 38.0x225x3000mm	10.54 FWP3802253000	
	WP 38.0x225x2500mm	8.78 FWP3802252500	
	WP 38.0x225x2000mm	7.03 FWP3802252000	
	WP 38.0x225x1000mm (Laminated)	4.62 FWP3802301000L	
	WP 38.0x225x1500mm (Laminated)	6.22 FWP3802301500L	
	WP 38.0x225x2000mm (Laminated)	9.23 FWP3802302000L	
	WP 38.0x225x2500mm (Laminated)	11.54 FWP3802302500L	
	WP 38.0x225x3000mm (Laminated)	13.85 FWP3802303000L	
	WP 38.0x225x3900mm (Laminated)	18.00 FWP3802303900L	
	End Strip for Wooden Board Protection	0.05 XEXESWBPC	
<b>Universal Jack (UJ)</b>			
 <p>38mm Hollow tube D/F Jack Handle</p>	UJ - 65 cm Painted	2.51 FUJN38HP65	
	UJ - 76 cm Painted	2.87 FUJN38HP76	
	UJ - 86 cm Painted	3.19 FUJN38HP86	
	UJ - 65 cm EP	2.51 FUJN38HE65	
	UJ - 76 cm EP	2.87 FUJN38HE76	
	UJ - 86 cm EP	3.19 FUJN38HE86	
	UJ - 65 cm Painted W/Hole	2.51 FUJN38HP65	
	UJ - 76 cm Painted W/Hole	2.87 FUJN38HP76	
	UJ - 86 cm Painted W/Hole	3.19 FUJN38HP86	
	UJ - 65 cm EP W/Hole	2.51 FUJN38HE65	
	UJ - 76 cm EP W/Hole	2.87 FUJN38HE76	
	UJ - 86 cm EP W/Hole	3.19 FUJN38HE86	
	<b>Universal jack with Two Nut (UJ - TN)</b>		
	UJ - TN 65 cm Painted	2.94 FUJN38HP65TN	
	UJ - TN 76 cm Painted	3.30 FUJN38HP76TN	
	UJ - TN 65 cm EP	2.94 FUJN38HE65TN	
	UJ - TN 76 cm EP	3.30 FUJN38HE76TN	
	UJ - TN 65 cm Painted W/Hole	2.94 FUJN38HP65TNH	
UJ - TN 76 cm Painted W/Hole	3.30 FUJN38HP76TNH		
UJ - TN 65 cm EP W/Hole	2.94 FUJN38HE65TNH		
UJ - TN 76 cm EP W/Hole	3.30 FUJN38HE76TNH		



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