

ERA

ERA SCAFFOLD SYSTEM SDN BHD
(1397523-D)



**PRODUCT
CATALOGUE**

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ABOUT US

Era Scaffold System Sdn Bhd is a Malaysian company specifically dedicated in temporary works for construction such as scaffolding, falsework, formwork and self climbing platform (SCP) system. As a distinctly specialised company in the field, we take pride in offering conscientiously-customised solutions for our clients in infrastructure works, building works, warehousing and factory works, niche industrial works of oil and gas, aircrafts and shipyards as well as any peculiar construction works – you name it, we solve it.

Besides innovative designing, we also offer professional advices alongside technical supports on-site and off-site. Our ready products for sale and hire include construction Scaffolding System, Shoring System, Tableform System, Tubular System, Modular System, Self Climbing Platform System and all steel products and accessories.

Our Values • Our core values are honesty and integrity. We always believe in delivering legally certified products of the best qualities to our clients.

Our Mission • To be “the yardstick of quality and innovation” in the field of temporary works for construction. We strive to provide our clients with affordable, valuable and reliable products.

Our Vision • To lead the domestic and global field of temporary works for construction in achieving new heights through our unwavering effort, dedication and modernization.



PROFILE OF DIRECTORS

Ir KB Lee - Technical Director

Ir KB Lee is responsible for the company's overall business direction, supervision and management of the company's technical department. He graduated from the National University of Malaysia with a first-class honour in Civil and Structural Engineering in 1993, before commencing his path in the field of temporary works for construction. He is a professional engineer registered with the Board of Engineers Malaysia (BEM) since 2001. Ir KB Lee then co-founded a leading scaffolding company in Malaysia in 2014 and was appointed as a Director. Subsequently, Ir KB Lee was appointed as a Director in Era Scaffold System Sdn Bhd in 2021.



Ir KB Lee has over 20 years of experience specialising in temporary works for construction, which include scaffolding, falsework, formwork and self climbing platform system. He offers solution-oriented advices and designs on wide range of distinct sectors, including buildings, structural and infrastructure works, warehousing and factories, oil and gas, aircrafts and shipyards.

Ir KB Lee is currently an active technical committee of Construction Industry Development Board (CIDB) for CIS22 "Safe Use of Scaffolding in Construction" and CIS23 "Safe Use Falsework in Construction" and the Chairman for the technical committee of Department of Standards Malaysia (DSM) for "Malaysia Standard for Scaffolding & Falsework". He was the committee member of Civil & Structural Engineering Technical Division, the Institution of Engineers Malaysia (IEM) and was also the Chairman of committee for "Prevention of Collapse of Scaffolding & Falsework" and had published a position paper for IEM in 2015 on the same topic.

Besides being invited frequently to speak in seminars, forums and workshops on various topics pertaining to scaffolding and falsework organised by IEM, CIDB, DOSH, NIOSH and JKR, he had also participated in the following committees for the drafting of the Malaysian Engineering Standards:

- (i) SIRIM-IEM SWO Technical Committee for "Code of Practice for Design of Structural Steel (EC3)";
- (ii) SIRIM Technical Committee for "Steel Materials for Structural Purposes";
- (iii) SIRIM Technical Committee for "Steel Products";
- (iv) SIRIM Working Group for "Metal Equipment for Falsework & Propping";
- (v) SIRIM Working Group for "Tubular & Prefabricated Scaffoldings".

Allen Lim - Sales Director



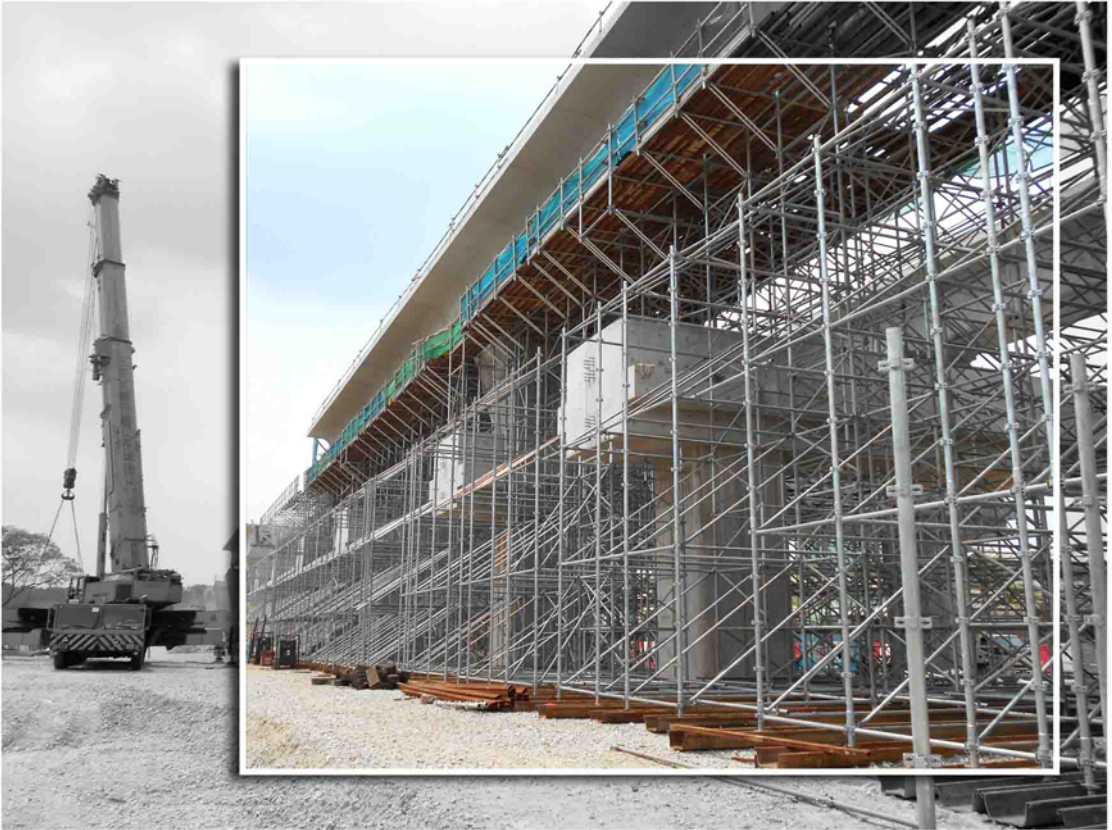
As the Sales Director, Mr Allen Lim is responsible to oversee the company's business growth, corporate planning, evaluation and development of all marketing strategies and plans. He acquired his Advance Diploma in Sales and Marketing in 2003. Thereafter, he set foot in the construction field niche in scaffolding and other temporary works for construction.

Mr Allen Lim has over 16 years of experience in sale and marketing of construction scaffolding. In 2013, he co-founded a leading scaffolding company in Malaysia and was appointed as a Director. Subsequently, Mr Allen Lim was appointed as a Director in Era Scaffold System Sdn Bhd in 2021.

Mr Allen Lim is well accustomed to the operation, functionality and practicability of all products offered by the company. He is skilfully equipped to ascertain the distinct needs of each client from wide range of distinct sectors, including the temporary works for infrastructures, buildings, warehousing and factories, industrial projects, oil and gas, aircrafts and shipyards. As an experienced marketeer in construction scaffolding, he is also proficient in oral illustration and comparison of all temporary works systems available in the market.

Amongst some notable construction projects participated by Mr Allen Lim are the Kuala Lumpur International Airport 2 (KLIA 2) construction, MRT Line 1 and 2 construction, LRT Line 1, 2 and 3 construction, Bus Rapid Transit Line construction, Duke Highway construction, West Coast Expressway construction, Sabah Chief Minister Office Building construction, PNB KL 118 Tower construction and the Cyberjaya Income Tax Building construction.

C60 SHORING SYSTEM



C60 Shoring System is a heavy duty shoring equipment to support all kinds of heavy structures. This is a high capacity multifunctional system that operating as falsework shoring tower, external scaffolding, access stair tower, table form and mobile tower.

Benefits

- ◇· Wide configuration of horizontal ledgers and brace sizes
- ◇· High loading capacity
- ◇· Durability
- ◇· Quick and easy assembling and dismantling
- ◇· Interconvertible and compatible
- ◇· Cost efficiency
- ◇· Low labour cost
- ◇· Wide range of accessories

C60 SHORING SYSTEM

PROJECT GALLERY

BUILDING CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BUILDING CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BUILDING CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BUILDING CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BUILDING CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BRIDGE CONSTRUCTION



C60 SHORING SYSTEM PROJECT GALLERY BRIDGE CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

BRIDGE CONSTRUCTION



C60 SHORING SYSTEM PROJECT GALLERY BRIDGE CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

LIGHT RAIL TRANSIT (LRT) CONSTRUCTION



C60 SHORING SYSTEM PROJECT GALLERY LIGHT RAIL TRANSIT (LRT) CONSTRUCTION



C60 SHORING SYSTEM PROJECT GALLERY

MASS RAPIT TRANSIT (MRT) CONSTRUCTION



C60 SHORING SYSTEM

PROJECT GALLERY

MASS RAPIT TRANSIT (MRT) CONSTRUCTION



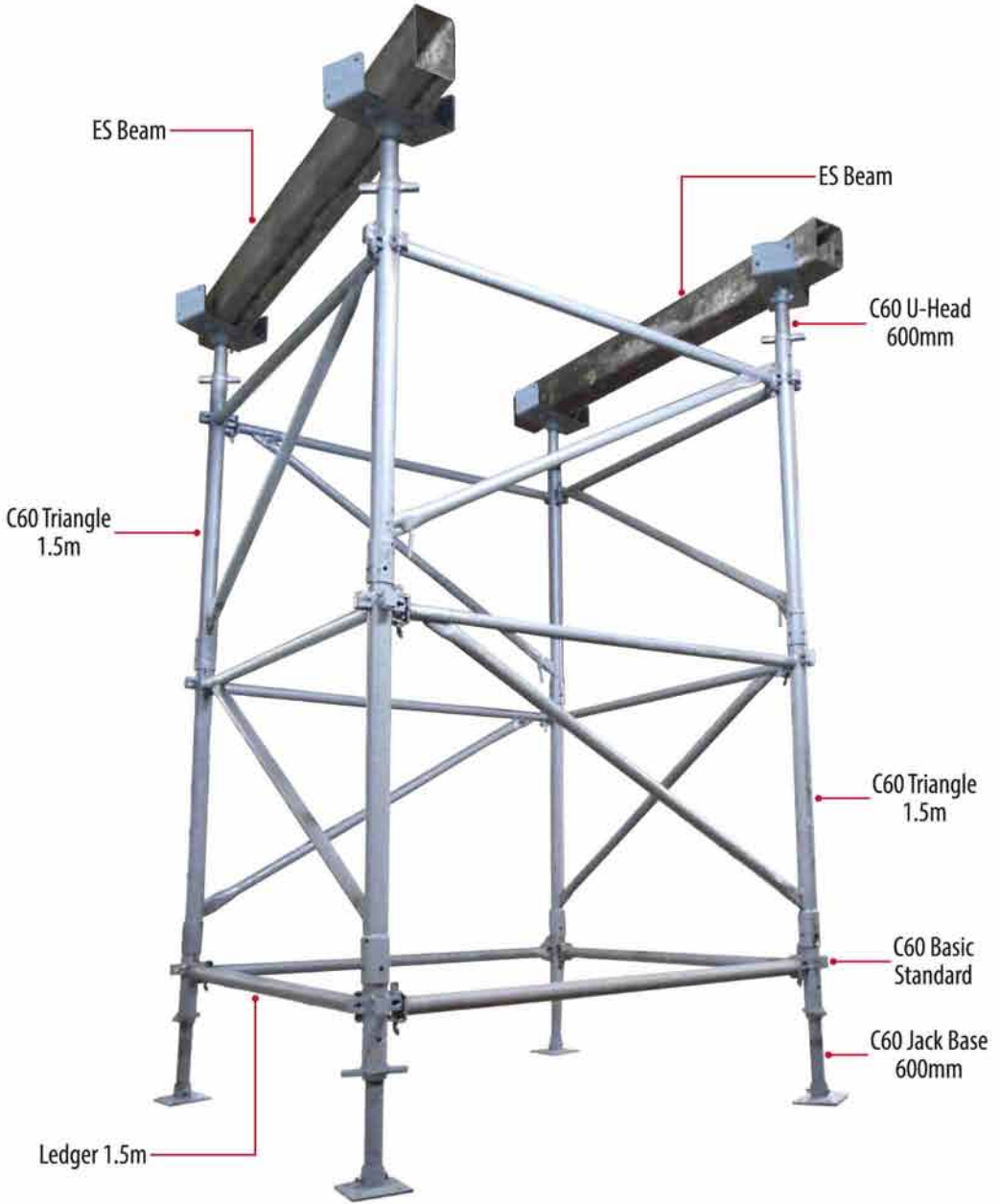
C60 SHORING SYSTEM PROJECT GALLERY

MASS RAPIT TRANSIT (MRT) CONSTRUCTION

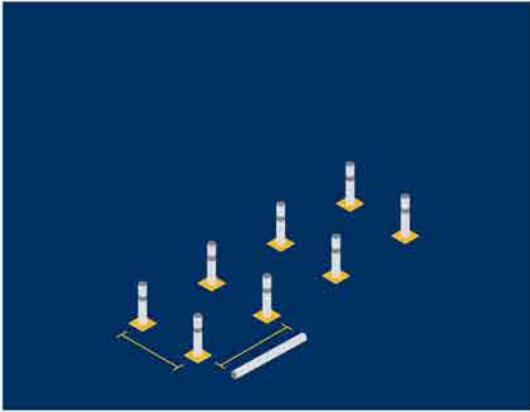


C60 SHORING SYSTEM

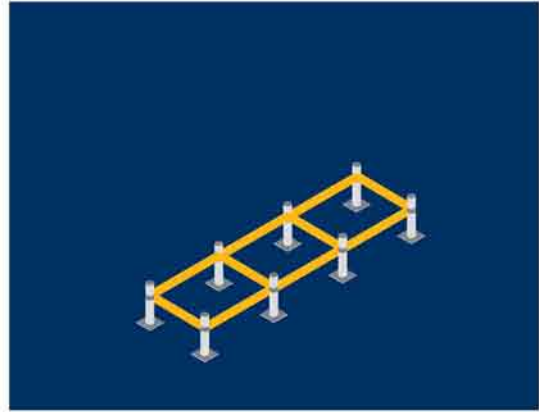
SHORING TOWER



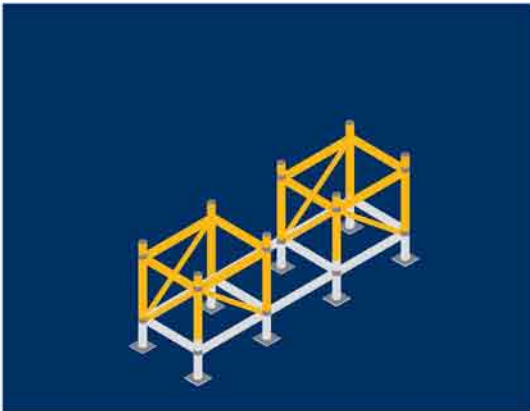
C60 SHORING SYSTEM ERECTION PROCEDURE



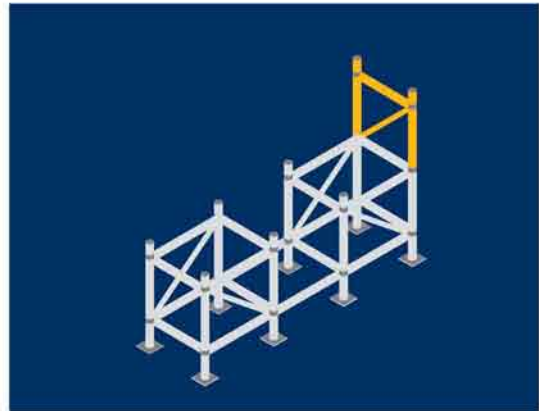
1 Place the jack base on the sole plates, at the intervals determined by the ledger.



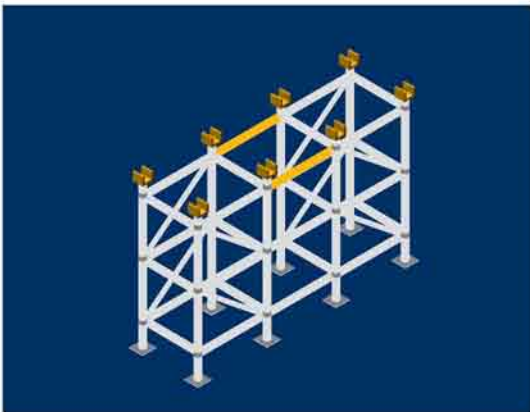
2 Connect the first ledger into the basic standard and test level.



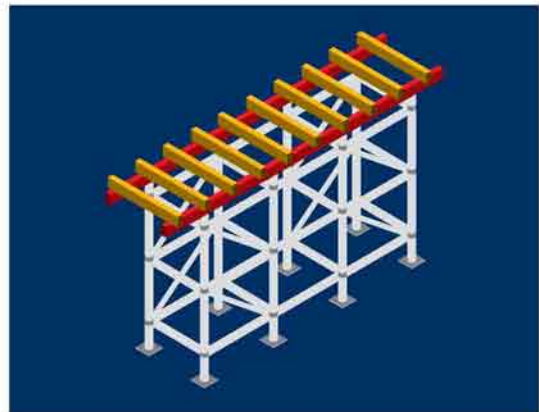
3 Install and fix the first lift of the triangle into the basic standard.



4 Proceed with the second lift of triangle.



5 Connect the post or triangle with the ledger when tower reaches the required height, fix the U-head into the standard or triangle.

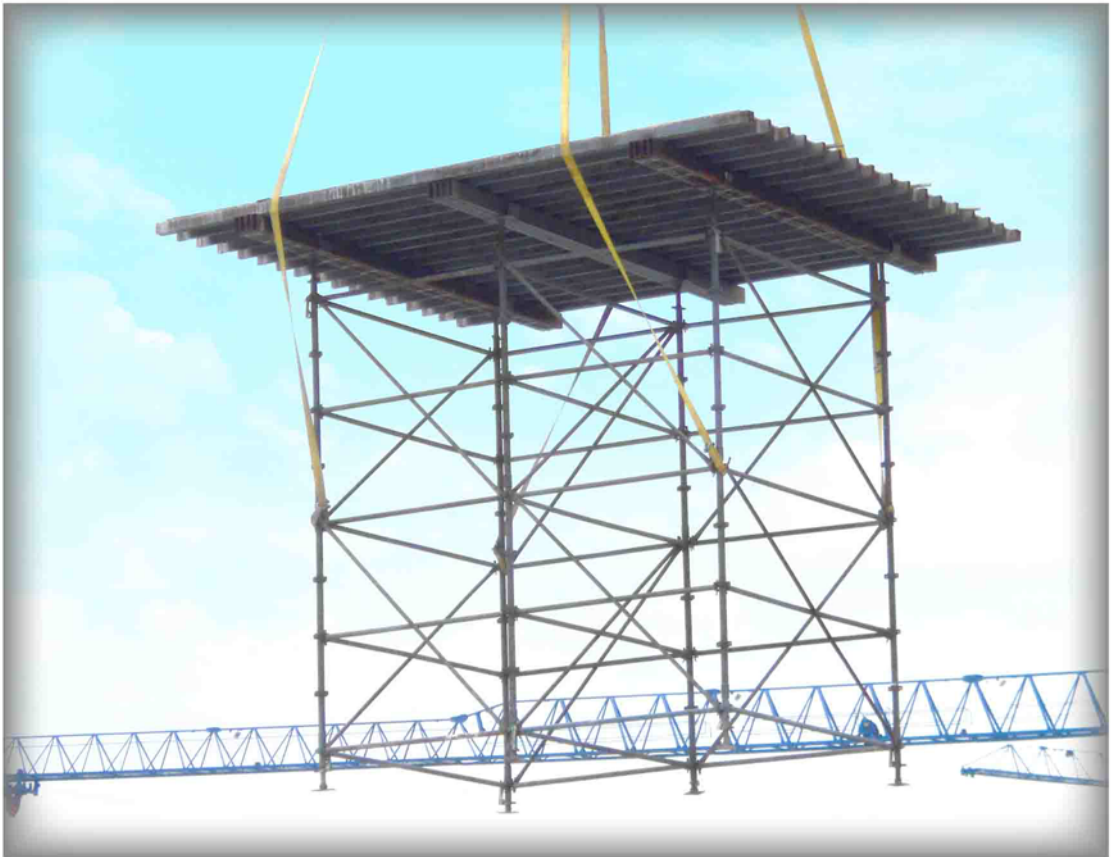


6 Install the primary and secondary of soffit formwork and panel/plywood on top of U-heads.

C60 TABLEFORM SYSTEM (IBS FORMWORK SYSTEM)

C60 Tableform System is a large pre-assembled falsework and formwork unit, often forming an absolute bay of suspended floor slab. Tableform system adapts to any slab type. It is ultimate safety, quality and efficiency for:

- Highrise building
- Warehouse and factory
- Shopping mall



Benefits

- Low labour cost
- Convenient in mobility
- Perfect adaptability and versatility
- Quick and practical to set up
- Strong, stable and durable

C60 TABLEFORM SYSTEM PROJECT GALLERY



C60 TABLEFORM SYSTEM PROJECT GALLERY



C60 TABLEFORM SYSTEM PROJECT GALLERY



C60 TABLEFORM SYSTEM PROJECT GALLERY

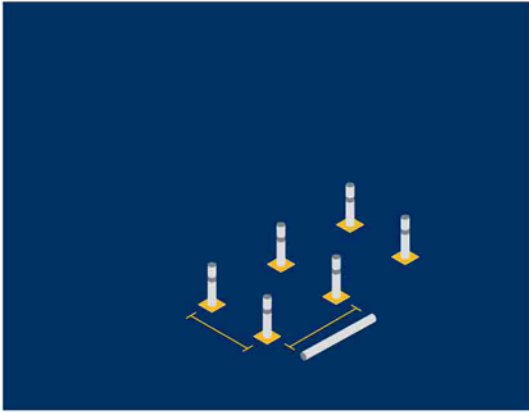


C60 TABLEFORM SYSTEM

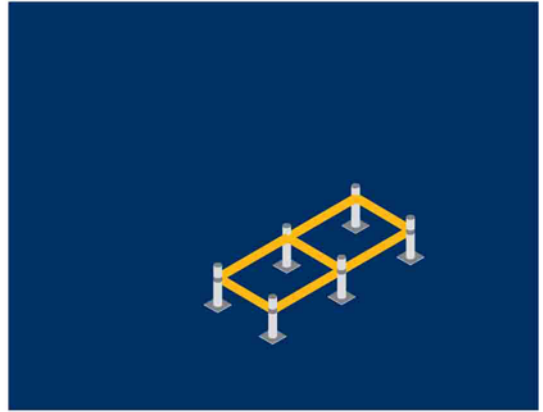
PROJECT GALLERY



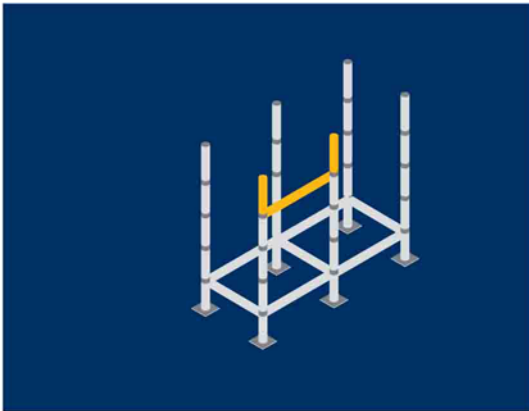
C60 TABLEFORM SYSTEM ERECTION PROCEDURE



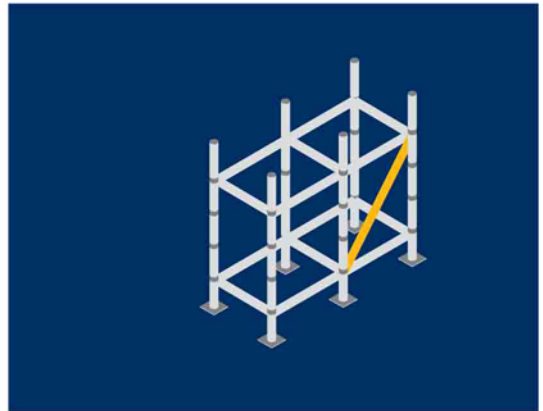
1 Place the jack base or adjustable standard and telescopic standard at the intervals determined by the ledger.



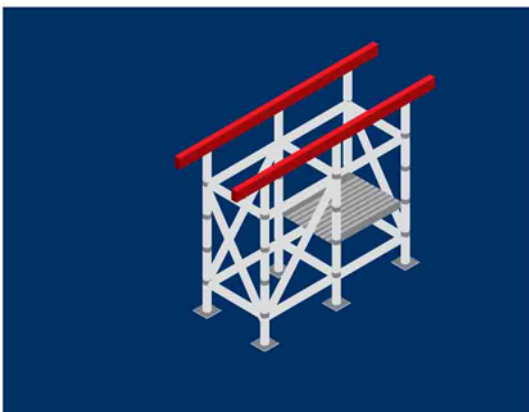
2 Connect the first ledger into the basic standard or adjustable standard and test level.



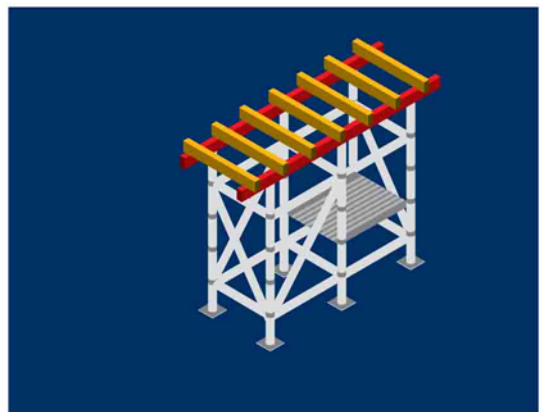
3 Fix the standard into the basic standard or adjustable standard. Proceed to second level ledger.



4 Install the brace.



5 Connect the primary with the U-head.



6 Proceed with the secondary of soffit formwork to secure the primary, and install the panel or plywood on the secondary.

C60 MODULAR SYSTEM

Modular system employing one or more different modules, or independent units and standards, to form a base. That base is then used to construct something much bigger and complex access work structure in construction. It can be set up on the outside or inside of a building to allow for work on both sides. Modular system can be adjusted in accordance with the task at hand, meaning that the same equipment can be used for a variety of projects.

Modular system involves linking horizontal tubes to the vertical standards at different points. Because of its many positive points, modular system is used in many applications in different kinds of industries, including refineries, shipyards, aircrafts, energy production, chemical plants and restoration of architectural landmarks.

Benefits

- ◇ Efficient & flexibility in assembling and dismantling
- ◇ Practically unlimited in design
- ◇ Optimum use of storage and transport capacity
- ◇ Minimise of time, energy and costs
- ◇ Stable, indestructible and durable



C60 MODULAR SYSTEM PROJECT GALLERY



C60 MODULAR SYSTEM PROJECT GALLERY



C60 MODULAR SYSTEM PROJECT GALLERY



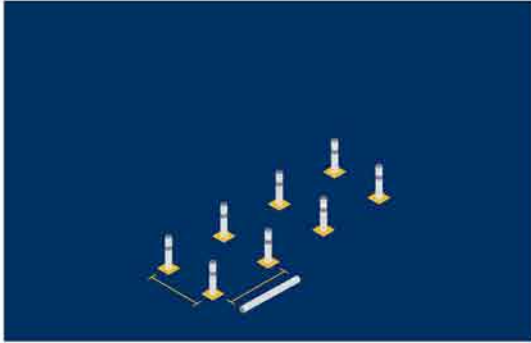
C60 MODULAR SYSTEM PROJECT GALLERY



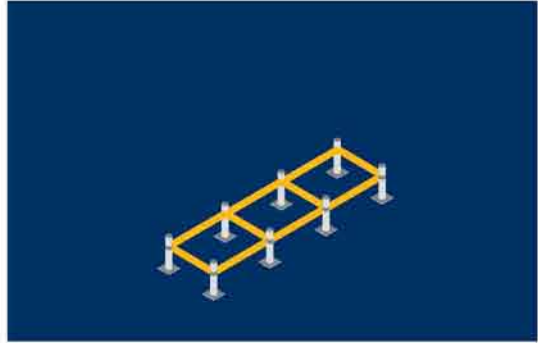
C60 MODULAR SYSTEM PROJECT GALLERY



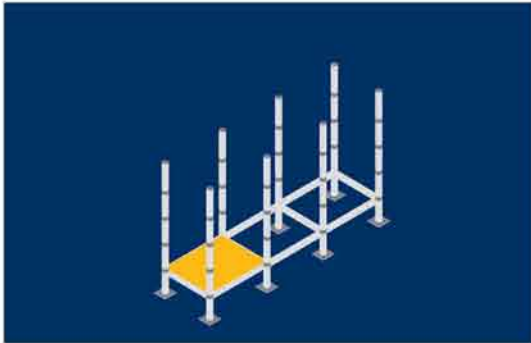
C60 MODULAR SYSTEM ERECTION PROCEDURE



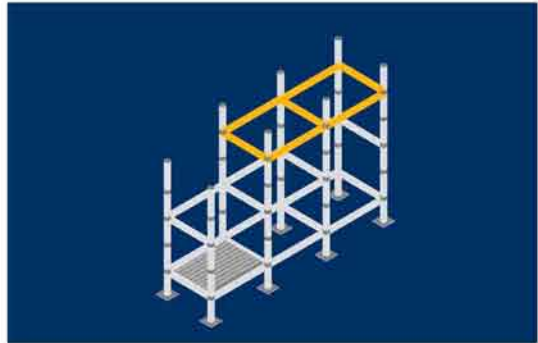
1 Place the jack base according to the longitudinal and transverse of ledger.



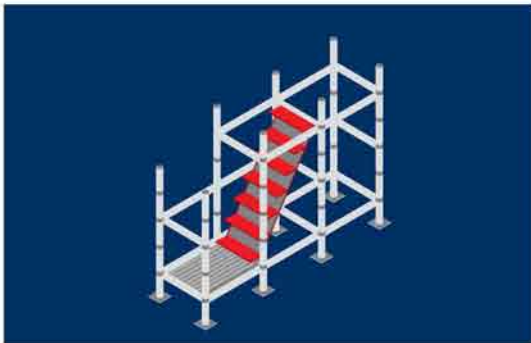
2 Install basic standard into the jack base. Fix the ledger and test level.



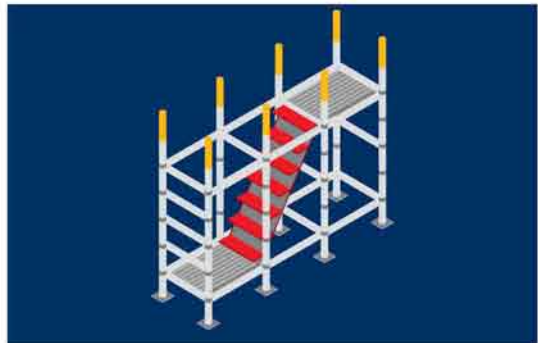
3 Place the standard into the standard connector to assemble the first walking board.



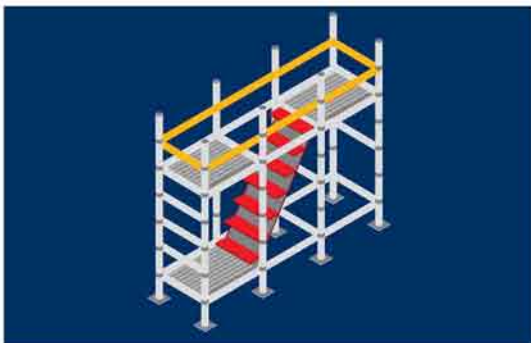
4 Set the first lift of ledger.



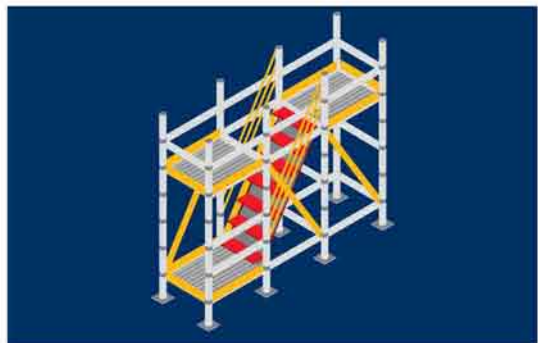
5 Position the staircase.



6 Enter to the first lift and proceed to second lift.

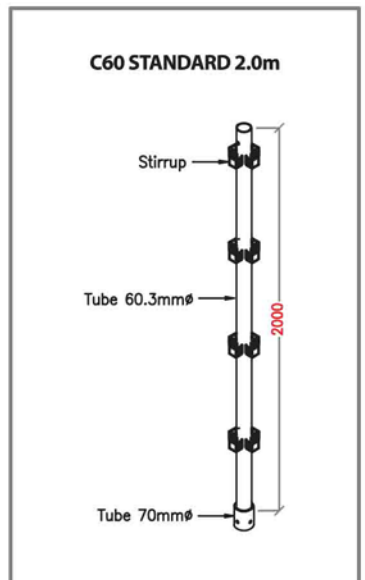
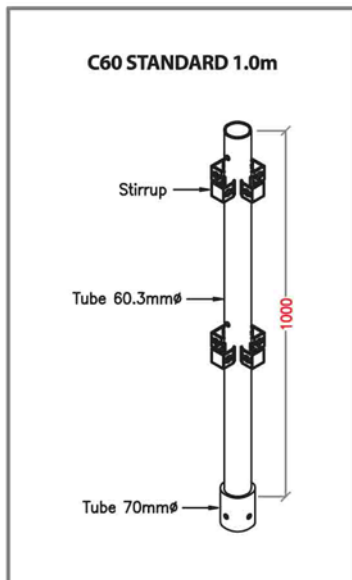
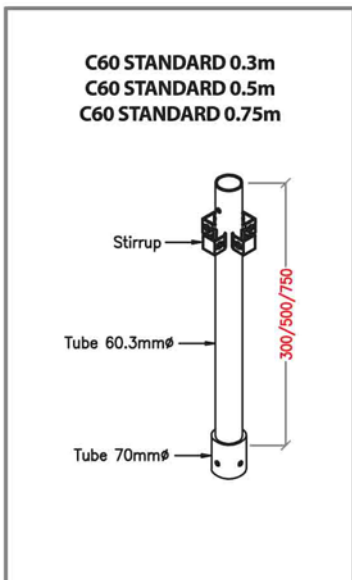
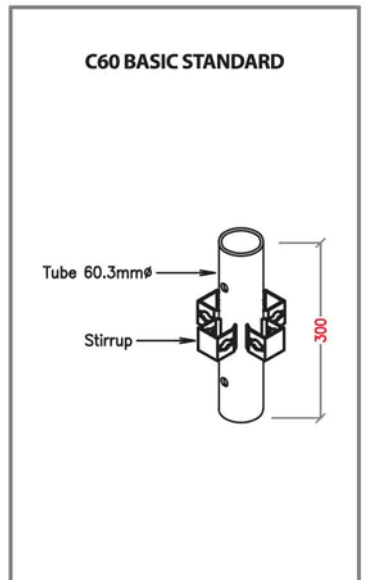
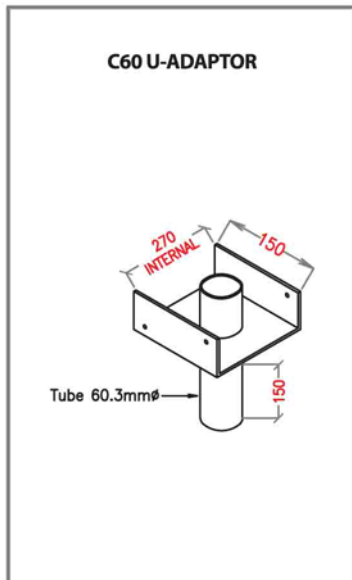
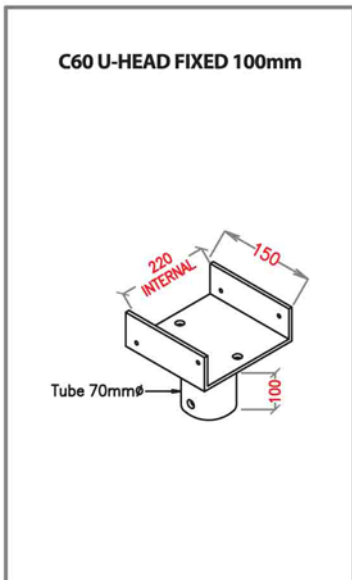
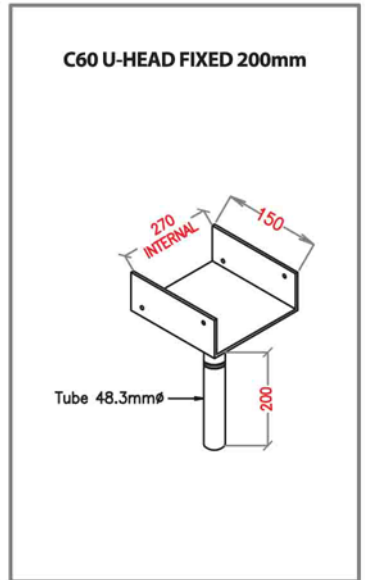
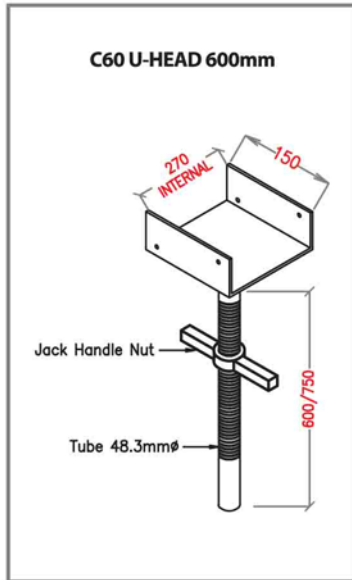
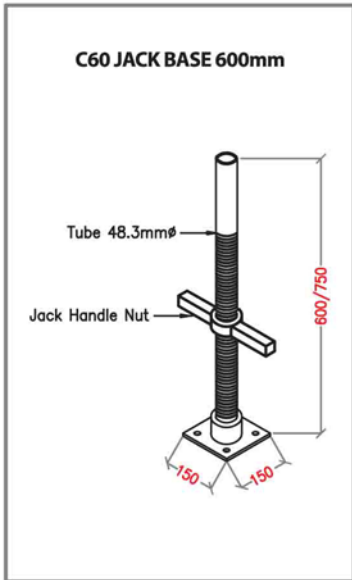


7 Install the ledger as guard-rail.

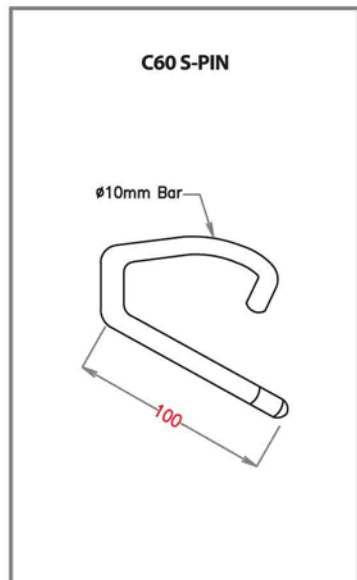
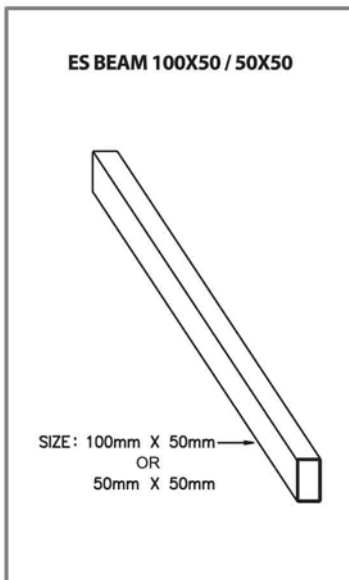
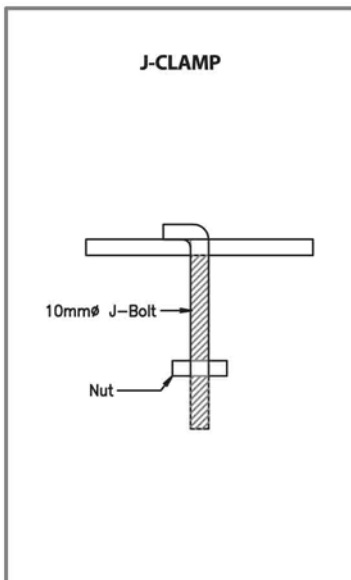
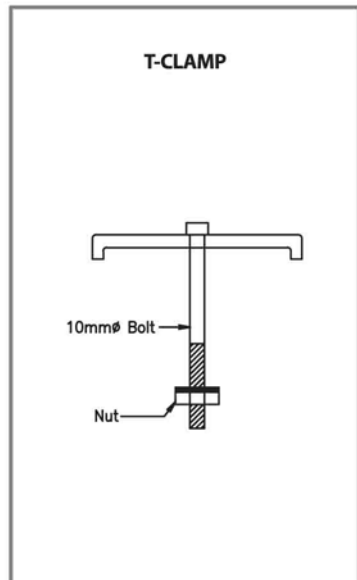
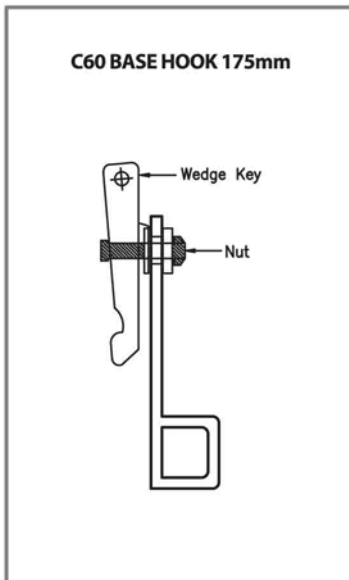
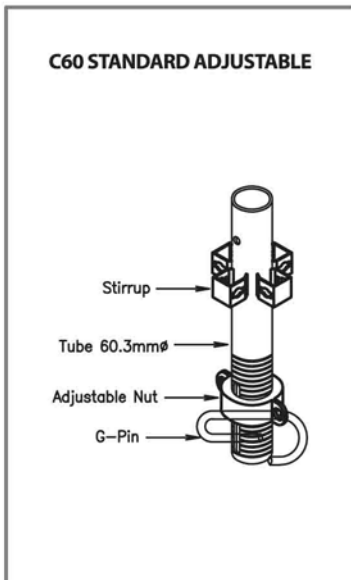
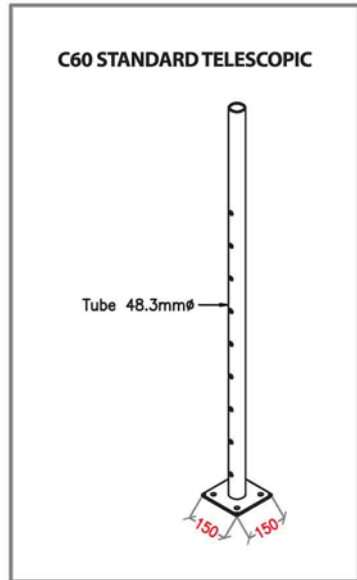
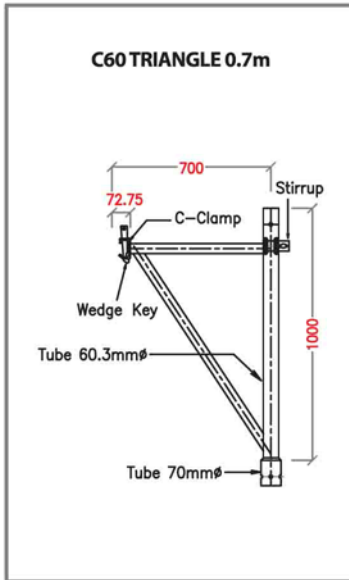
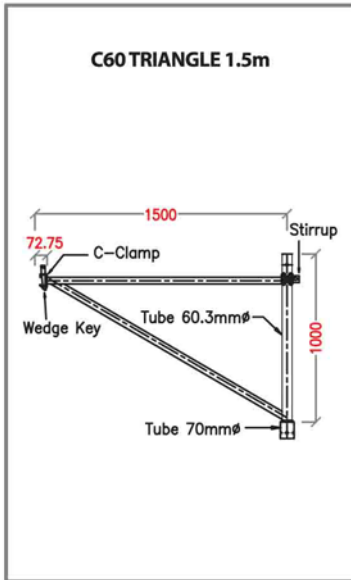


8 Put all necessary accessories, for example: brackets, shields, toe boards, debris, beams, etc.

C60 SYSTEM COMPONENTS



C60 SYSTEM COMPONENTS



C60 SYSTEM COMPONENTS

LEDGER

DESCRIPTION	LENGTH (L)	ACTUAL PIPE LENGTH (Z)
Ledger 0.35m	0.35m	204.5mm
Ledger 0.50m	0.50m	354.5mm
Ledger 0.70m	0.70m	554.5mm
Ledger 1.00m	1.00m	854.5mm
Ledger 1.50m	1.50m	1354.5mm
Ledger 2.00m	2.00m	1854.5mm
Ledger 2.50m	2.50m	2354.5mm
Ledger 3.00m	3.00m	2854.5mm

STAIR H2m X L2m

BRACE (H1.0m X L)

MODULE LENGTH			MODULE HEIGHT
H1.0m x L0.7m	H1.0m x L1.0m	H1.0m x L1.5m	
			MODULE HEIGHT
H1.0m x L2.0m	H1.0m x L2.5m	H1.0m x L3.0m	

LADDER 2.2m

BRACE (H2.0m X L)

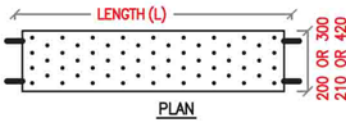
MODULE LENGTH			MODULE HEIGHT
H2.0m x L0.7m	H2.0m x L1.0m	H2.0m x L1.5m	
			MODULE HEIGHT
H2.0m x L2.0m	H2.0m x L2.5m	H2.0m x L3.0m	

TABLE MOVER

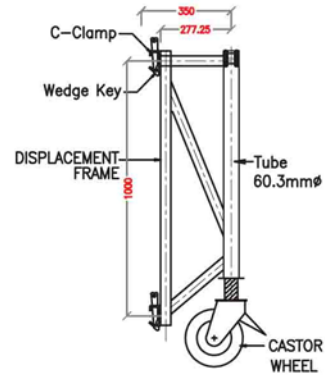
C60 SYSTEM COMPONENTS

WALKING BOARD (0.2m / 0.3m / 0.21m / 0.42m X L)

DESCRIPTION	LENGTH (L)
0.2 / 0.3 / 0.21 / 0.42m x 0.5m	0.50m
0.2 / 0.3 / 0.21 / 0.42m x 0.7m	0.70m
0.2 / 0.3 / 0.21 / 0.42m x 1.0m	1.00m
0.2 / 0.3 / 0.21 / 0.42m x 1.5m	1.50m
0.2 / 0.3 / 0.21 / 0.42m x 2.0m	2.00m
0.2 / 0.3 / 0.21 / 0.42m x 2.5m	2.50m
0.2 / 0.3 / 0.21 / 0.42m x 3.0m	3.00m

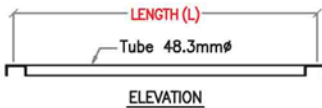


DISPLACEMENT FRAME C/W CASTOR WHEEL

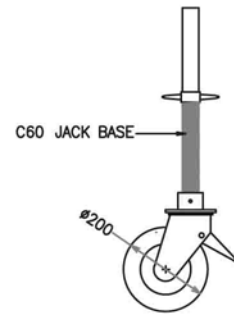


BOARD BEARER

DESCRIPTION	LENGTH (L)
Board Bearer 0.5m	0.50m
Board Bearer 0.7m	0.70m
Board Bearer 1.0m	1.00m
Board Bearer 1.5m	1.50m
Board Bearer 2.0m	2.00m
Board Bearer 2.5m	2.50m
Board Bearer 3.0m	3.00m



C60 CASTOR 200mm w JACK BASE 600mm

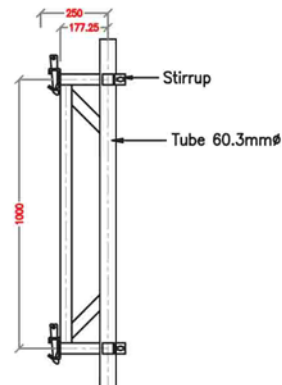


TOE BOARD

DESCRIPTION	LENGTH (L)
Toe Board 0.5m	0.50m
Toe Board 0.7m	0.70m
Toe Board 1.0m	1.00m
Toe Board 1.5m	1.50m
Toe Board 2.0m	2.00m
Toe Board 2.5m	2.50m
Toe Board 3.0m	3.00m

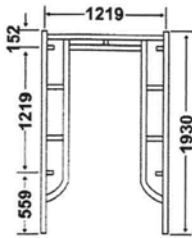


CS60 BEAM HOLDER

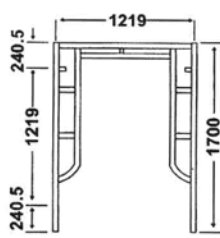


MS1462-1 FRAME SCAFFOLDING

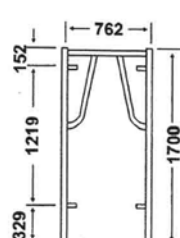
FRAME SCAFFOLDING AND ACCESSORIES



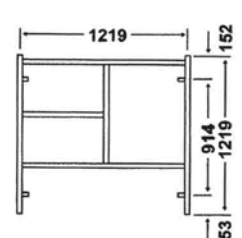
Vertical Frame



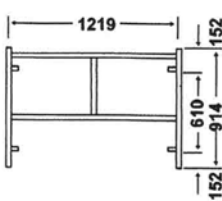
Vertical Frame



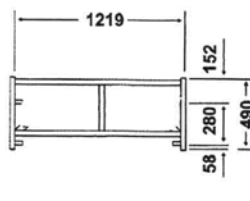
Light Frame



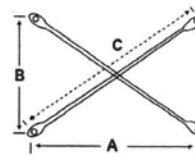
Ladder End Frame



Ladder End Frame

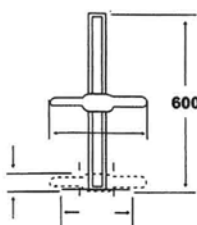


Ladder End Frame

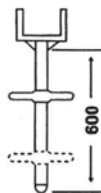


Cross Brace

Code	A	B	C
EC - 301A	1829	1219	2198
EC - 301B	1829	914	2045
EC - 301C	1829	610	1928
EC - 301D	1829	280	1850
EC - 301E	1219	1219	1724
EC - 301F	1219	610	1363



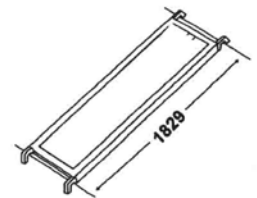
Adjustable Jack Base



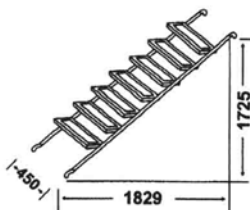
Adjustable U - Head



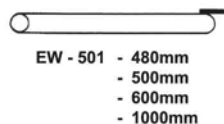
Joint Pin



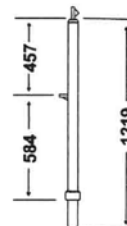
Walking Board



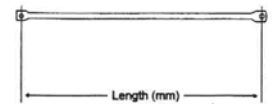
Stair



Wall Tie



Guard Rail Post



Code	Length (mm)
EG - 902	1219
EG - 902A	1829

Guard Rail

JIS CLAMP



Swivel Clamp
48.6mm & 48.6mm



Fixed Clamp
48.6mm & 48.6mm

SAFETY NET



FORMWORK ACCESSORIES



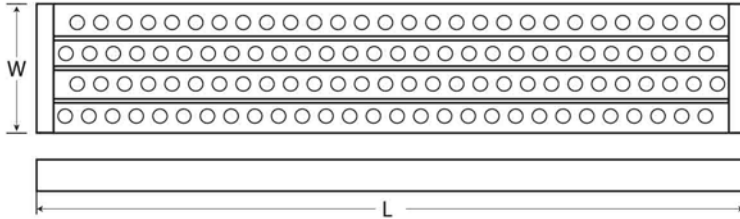
Tie Rod



Wing Nut

METAL DECK

Width (mm)	Length (mm)			
	1500	2000	3000	4000
210	1500	2000	3000	4000
240	1500	2000	3000	4000



BS 1139 COUPLER



Swivel Coupler
(Forged)



Double Coupler
(Forged)



Expanding Joint Pin
Bone Joint



Sleeve Coupler



Putlog Coupler



Beam Clamp Fixed Coupler

G.I PIPE



Mild Steel Welded Pipe (GI)



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