



**dimension-all Inc.**

Formworks and Shoring  
Solutions

**40**  
**YEARS**

**Registration Name:** Dimension-All Inc.  
**Business Address:** Unit 906 9th Floor, One Corporate Centre  
Meralco Ave. cor. Julia Vargas Ave.  
San Antonio, Pasig City  
**Calamba Yard:** 1293 KM 53 Maharlika Highway, Brgy. Milagrosa,  
Calamba City, Laguna  
**Davao Yard:** Sitio Kasilac, Brgy. Mahayag, Davao City  
**Sec Registration No.:** CS201301537  
**Date Registered:** January 29, 2013  
**TIN No.:** 008-455-813-000  
**SSS No.:** 03-9412322-4  
**Trunkline:** +63 (2) 997-4001  
**Email Address:** info@dimension-all.com  
**Website:** www.dimension-all.com

A subsidiary of



**TAKAMIYA**  
**GROUP**



**THE LEADING SUPPLIER OF QUALITY SYSTEM  
FORMWORKS AND SCAFFOLDING**



# TABLE OF CONTENTS

3	Mission & Vision
4-5	Absolute Commitment
6-7	Company Milestone
8	Message from the President
9	Our Services
10	QESH Policy
11	Our Line of Systems
12-15	HK System
16-19	Hyper 6T G-Cup System
20-23	Heavy-Duty H-Frame System
24-27	ST System
28-33	SS50 & RORO System
34-37	Lite Truss System
38-41	Hory Table System
42-45	Muramoto A-Frame System
46-47	Column and Wall Formworks
48-49	Heavy Duty Shoring Jack
50-51	Other Products (Accesories & Consumables)

## VISION

We aim to be recognized as a world class leading provider of best quality system formworks and shoring solutions.

## MISSION

To pursue excellent service in all that we do and to provide quality system formworks and shoring solutions to the construction industry.



# DIMENSION-ALL INC.

THE COUNTRY'S TRUSTED PARTNER IN FORMWORKS AND SHORING SOLUTIONS.

BY PROVIDING TRUSTWORTHY SOLUTIONS,  
WE HAVE BEEN CONTRIBUTING TO THE SUCCESS OF  
GOVERNMENT AND PRIVATE SECTORS IN THE  
COUNTRY'S GROWING CONSTRUCTION INDUSTRY.

**40**  
**YEARS**  
**AND BEYOND**

**OUR  
ABSOLUTE  
COMMITMENT**

Supporting urbanization of the country's  
largest sectors in construction, infrastructures,  
high-ways and ports in the years to come.





# COMPANY MILESTONE

WE ARE PROUD OF HOW FAR WE HAVE ACHIEVED – BUILDING PARTNERSHIPS THROUGH THE YEARS AND CONTINUING TO EXPAND TO SERVE OUR PARTNERS BETTER.

## 1976

Dimension-All Inc. began in 1976 as the first supplier of system formworks and scaffolding in the Philippine construction market. The company introduced cofral staflex's shoring system. Among the many first projects catered were La Mesa and Magat Dams, and Metro Plaza Makati Building.

## 1980 – 1990s

We had acquired trusted partners and were proud to take part in the notable building projects in Metro Manila such as Alimall (Cubao, Quezon City), SM North Edsa (Quezon City), ADB Building (Ortigas, Pasig City), GSIS Main Office Building, and Purefoods Plants (Baung, Batangas).

Through these years, we continued to build strong relationships with our partner contractors such as Makati Development Corporation (MDC), DDT Konstruct Inc., CE Construction, EEI Corporation, Monolith Construction, DATEM Construction and HILMARCS.

## 2000s

In 2003, we began our partnership with Aluma Systems of Canada, and introduced the Aluma Table Truss System as one of the most efficient and cost-saving table form system more suited for building construction.

## At present

We have two (2) main offices in Metro Manila (Luzon) and a satellite office in Davao City (Mindanao). In the coming years, we are excited to continuously expand our formworks business not just in the remaining regions of the Philippines, but in the other parts of Southeast Asia.

## 2018 and Beyond

In 2018, Dimension-all Inc. became a subsidiary and the 6th Asian member of the Super Rental Group of Companies (SRG), a Japan-based formworks and shoring system company listed in the Japan Stock Exchange. SRG's other subsidiaries and now Dimension-All Inc.'s sister companies are based in Vietnam, Myanmar, Thailand and Korea.



# A MESSAGE FROM THE PRESIDENT

## We contribute to the society through the business of temporary equipment and materials for construction.

The word “temporary equipment and materials” may be unfamiliar to majority of people. Scaffoldings assembled for construction work at construction and engineering sites, and frameworks for supporting unfinished structures are called “temporary equipment and materials.” They are very familiar, and you can see them in your everyday life.

As you know, today, “securing safety and considering to the environment” are taken up as the most important theme in most of the industry and the field. Of course, also in the construction industry, this is essential in running a business, and must be the top priority.

Therefore, our mission is to realize safe construction sites where people can work in peace. We believe that this action would lead to the development of construction industry and society, and to the happiness of people

## For further safe pursuance.

Before rental business of temporary equipment and materials came up, construction companies, such as major general contractors, had their own temporary equipment and materials, and assembled them at construction sites. However, as the time goes by, the division of labor of the construction industry advances, and more and more construction companies switched their temporary equipment and materials related business to outsourcing. In result these days, more than 90% of temporary equipment and materials are supplied from rental companies.

In that way, the business model of renting temporary equipment and materials grew. However, after 40 several years, various problems are coming out. Among these various problems, particularly big problem is that “the safety level” of temporary equipment and materials, which is most important, is not yet established within the industry. There is a background that temporary equipment and materials can be used for more than 10 years, and there is the threat that considerably old equipment and materials can also be used in construction sites.

*“We aim at safe pursuance and qualitative development of the industry”*

**Kazumasa Takamiya**  
President and Representative Director



## 1 DEVELOPMENT AND MANUFACTURING

We have acquired a range of metal processing technologies over the years. By leveraging these technologies, we are committed to develop and innovate unique products that will challenge the efficiency of the existing products in today's market.

## 2 RENTALS

We have wide range of rental equipment and materials for various site requirements – from general scaffolding to false work and formworks system for residential and commercial buildings, industrial warehouses to large-scale infrastructure projects such as rails and roadways, ports and treatment facilities.

## 3 SALES

We cater sale of formworks equipment and accessories – new and ex-hire. Our formworks systems from Japan, and Korea's leading manufacturer, Hory, offers high-quality products worth investing.

## 4 TECHNICAL ASSISTANCE

As part of our commitment to provide excellent service, we offer the best formworks solution through preparation of safe, economical and most efficient design schemes, generation of drawings and design calculations, and assistance on sites, whenever necessary.

## 5 LOGISTICS

We provide assistance on deliveries from our yard to respective project site to ensure on time deliveries on various site locations and provide project updates and monitoring of equipment from time to time.

OUR SERVICES





# QESH POLICY

- To value our clients by monitoring and responding to their needs, expectations and level of satisfaction to the best of our resources
- To comply with all applicable environmental, safety and health standards and regulations and other government-mandated requirements
- To minimize environmental impacts by preventing pollutions in all types and forms through implementation of effective waste management programs for conservation of natural resources
- To strive to eliminate risks on activities from foreseeable hazards in the workplace especially those that are fatal to our employees, partners and stakeholders through awareness campaigns, observance of proper safety and health practices and strict enforcement of applicable controls and operating procedures
- To provide our employees with appropriate trainings to support and upgrade the quality of our standard operating procedures and business processes

## PRODUCT LISTING & CATEGORY

### I. FALSEWORK AND SHORING

#### A. Conventional

1. HK System
2. Hyper 6T G-Cup System
3. Heavy-Duty H-Frame System
4. ST System

#### B. Heavy-duty Shoring

1. SS50 & RoRo System

#### C. Tableform

1. Lite Truss System
2. Hory Table System

### II. ACCESS AND SCAFFOLDING

#### A. Muramoto A-Frame System

### III. VERTICAL FORMWORK

#### A. Column / Wall Formwork

### IV. BACKPROPPING / RESHORING & SPECIAL APPLICATION

#### A. Heavy-Duty Shoring Jack

### V. OTHER PRODUCTS

#### A. Accesories & Consumables

1. Scaffold Tubes & Fittings
2. Access and Working Platform Accessories
3. Aluminum Beams and Clamps
4. Adjustable Base Jacks
5. Tie Rod and Wing Nut
6. Bolts and Nuts
7. Phenolic Boards
8. Light frame





# FALSEWORK AND SHORING

## HK - 4T SHORING SUPPORT SYSTEM

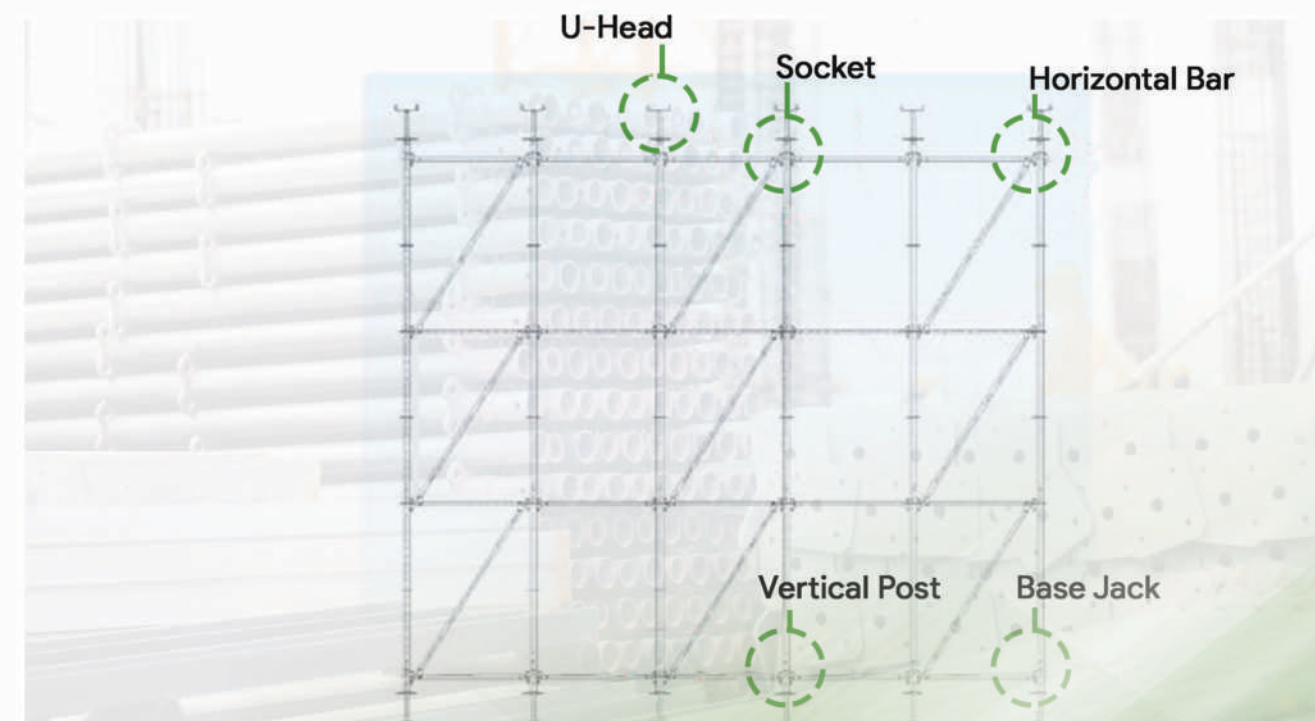
### SYSTEM CHARACTERISTICS

<b>Material</b>	Made of highly corrosion resistant steel
<b>Equipment Performance</b>	40.3kN (4T) Leg Load Capacity Can support concrete thickness up to 4m
<b>Sizes / Weight</b>	<b>Standard</b> – 1.725m/1.291m/0.863m/0.432m (60.5mm Ø, 2.6mm thick) / ~4.8kg/m  <b>Ledgers</b> – 1.829m/1.219m/0.915m/0.610m/0.305m (42.7mm Ø, 2.3mm thick) / ~3.0kg/m
<b>Fixing/Locking Mechanism</b>	Verticals and Bracings – Joint Pins Horizontal – Wedge
<b>Other Features</b>	Comes with stair access and working platform accessories
<b>Application</b>	Can be used as access and scaffolding system Highly recommended for falsework requirements on buildings, industrial warehouses and infrastructure projects

### FEATURES AND BENEFITS

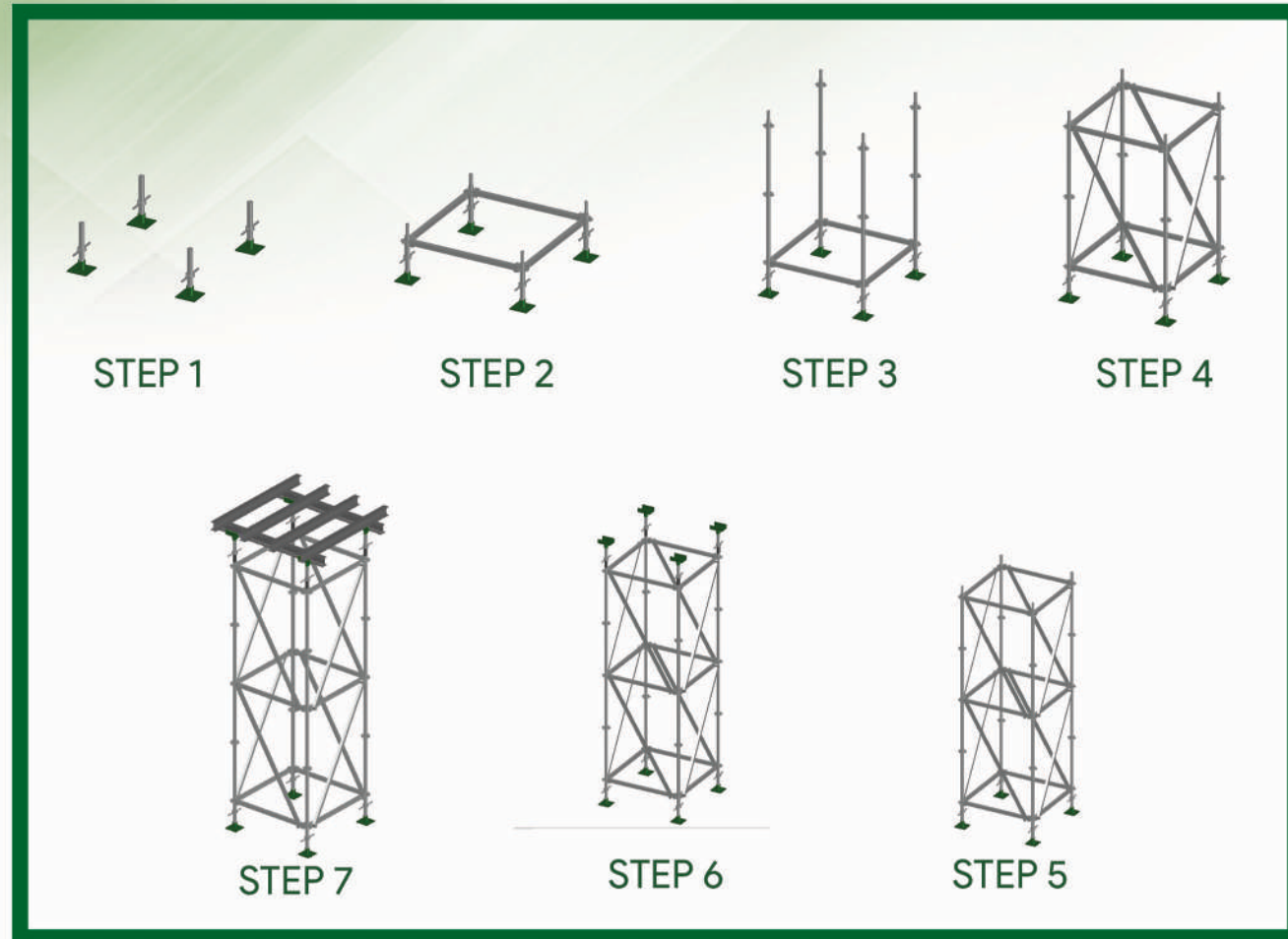
- 
**COST-EFFECTIVE**  
 Guaranteed labor costs savings
- 
**SUPERLATIVE CONCRETE RESULTS**  
 Designed for optimum loading capacity with minimal components
- 
**RAPID WORKING**  
 Easy assembly and dismantling mechanisms
- 
**SAFETY**  
 Highly in-demand falsework system in Japan and Korea with its certified outstanding performance by the Korea Temporary Equipment Association

### LIST OF COMPONENTS





## ASSEMBLY METHOD



## ASSEMBLY VIEW



SAN JUAN VIADUCT



VERMOSA  
BLDG. 4



VERMOSA  
BLDG. 4

## SAMPLE PROJECTS



# FALSEWORK AND SHORING

## HYPER 6T G-CUP SYSTEM

Modular System for Concrete Slab Support



# SYSTEM CHARACTERISTICS

<b>Material</b>	Made of highly corrosion resistant steel
<b>Equipment Performance</b>	53.9kN (5.39T) Leg Load Capacity Can support concrete thickness up to 5.5m
<b>Sizes / Weight</b>	<b>Standard</b> – 1.797m/1.197m/0.897m/0.597m/0.432m (60.5mm Ø, 2.6mm thick) / ~5.8kg/m  <b>Ledgers</b> – 1.740m/1.440m//1.140m/840m/540m (42.7mm Ø, 2.3mm thick) / ~3.2kg/m
<b>Fixing/Locking Mechanism</b>	Verticals and Bracings – Joint Pins Horizontal – Coup lock
<b>Other Features</b>	Comes with internal beam support, stair access and working platform accessories
<b>Application</b>	Can be used as access and scaffolding system Highly recommended for falsework requirements on buildings, industrial warehouses and other similar applications

# FEATURES AND BENEFITS



### COST-EFFECTIVE

Highly efficient and guaranteed labor costs savings with the use of internal beam supports for building construction



### HIGH QUALITY

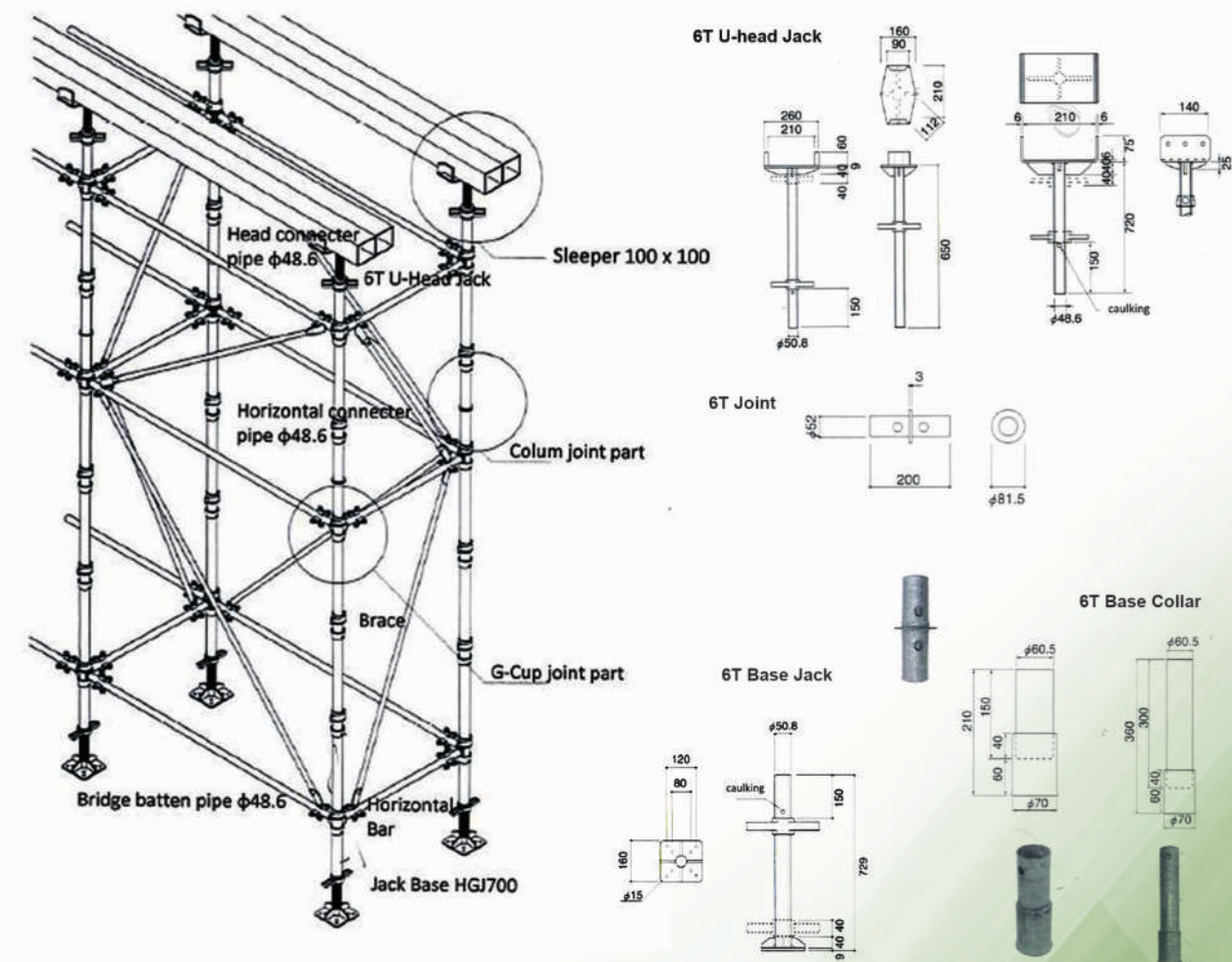
Upgraded and highly versatile coup lock system



### RAPID WORKING

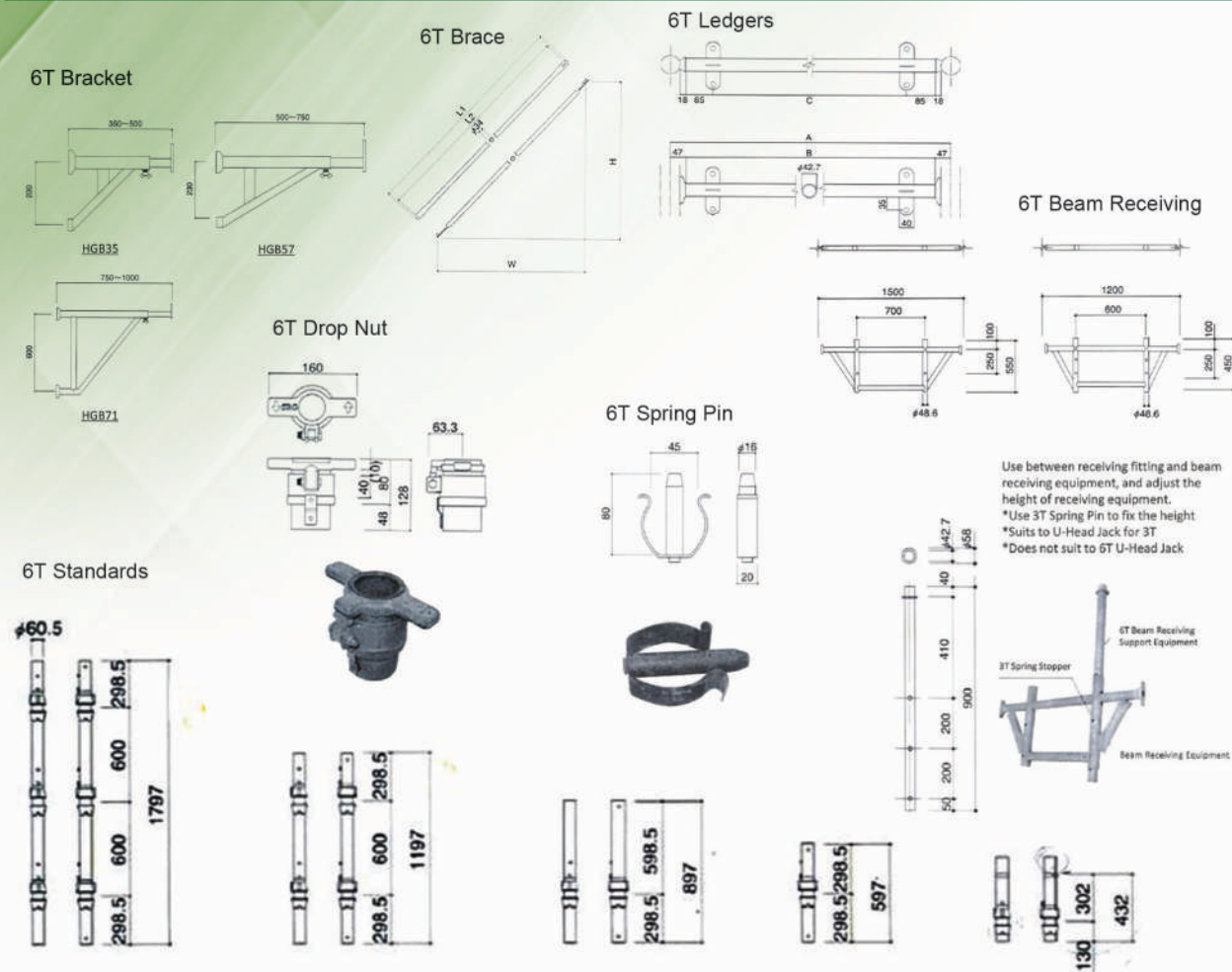
Easy assembly and dismantling mechanisms

# LIST OF COMPONENTS





# COMPONENTS



## HORY G-CUP STANDARD (CUP-LOCK TYPE)

Code	Item	L (mm)	Cup	Load (N)	Weight(kg)
GCST1800	H.G-Cup Standard 1800mm	1800.0	3	53,900	10.8
GCST1200	H.G-Cup Standard 1200mm	1200.0	2	53,900	7.2
GCST0900	H.G-Cup Standard 900mm	900.0	1	53,900	5.1
GCST0900B	H.G-Cup Standard 900mm(B)	900.0	1	53,900	5.1
GCST0600	H.G-Cup Standard 600mm	600.0	1	53,900	4
GCSTB0532	Hory G-Cup Base Support	532	1	53,900	3.8

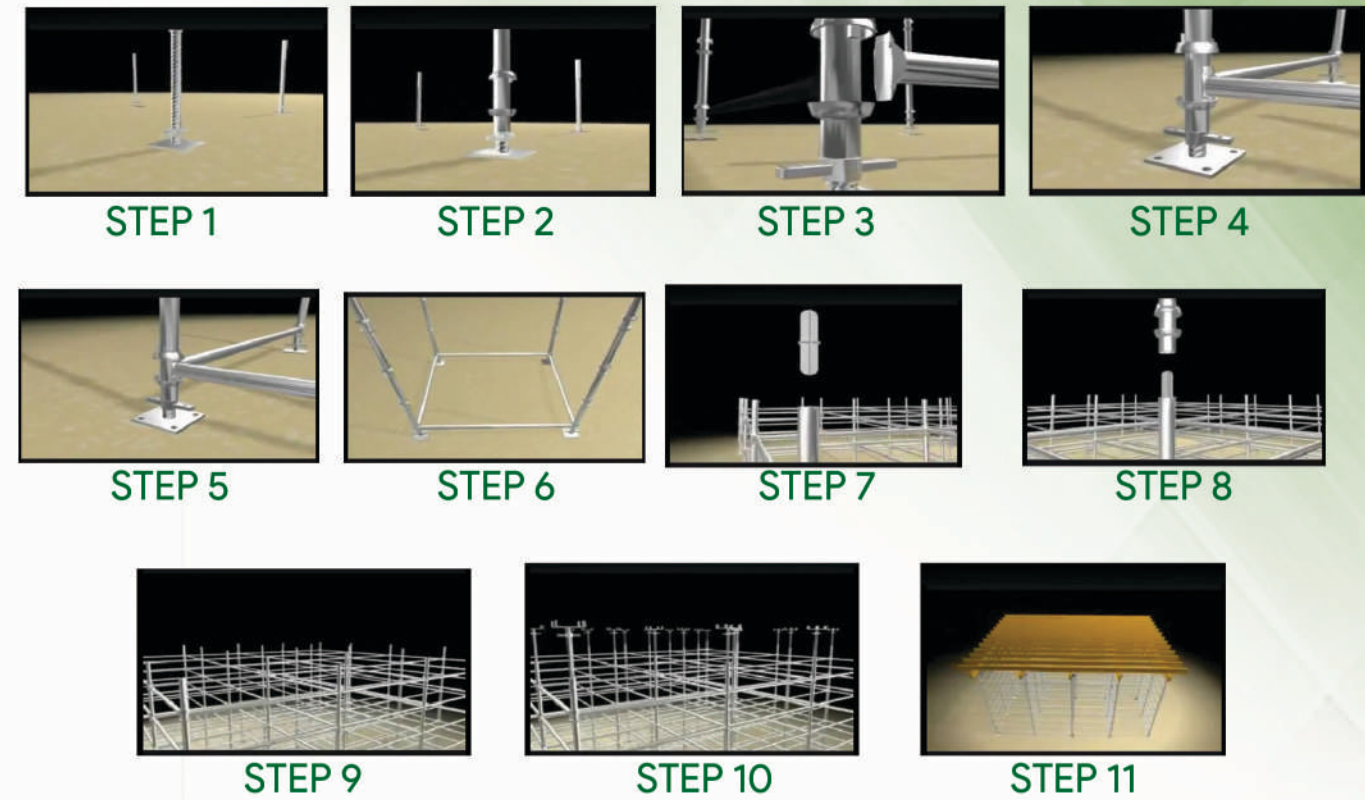
## HORY G-CUP LEDGER (CUP-LOCK TYPE)

Code	Item	A (mm)	B (mm)	C (mm)	Weight(kg)
GCL01800	Hory G-Cup Ledger 1800mm	1800.0	1,706	1534	5
GCL01500	Hory G-Cup Ledger 1500mm	1500.0	1,406	1234	4.5
GCL01200	Hory G-Cup Ledger 1200mm	1200.0	1,106	934	4
GCL00900	Hory G-Cup Ledger 900mm	900.0	806	634	3.2
GCL00600	Hory G-Cup Ledger 600mm	600.0	506	334	2.5

## HORY G-CUP BRACE (CUP-LOCK TYPE)

Code	Item	WH	L	L2 (N)	Weight(kg)
GCB180180	H.G-Cup Brace 1800x1800mm	1800.0	2,320	2,260	4.3
GCB180150	H.G-Cup Brace 1800x1500mm	1800.0	2,108	2,068	3.9
GCB180120	H.G-Cup Brace 1800x1200mm	1800.0	1,920	1,880	3.6

# ASSEMBLY METHOD



# SAMPLE PROJECTS



SITE 3 MOA EXPANSION



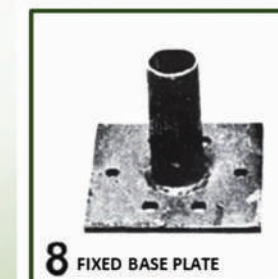
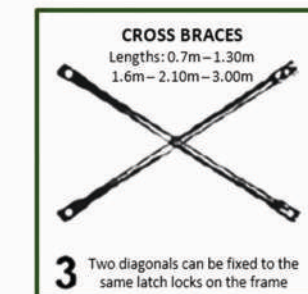
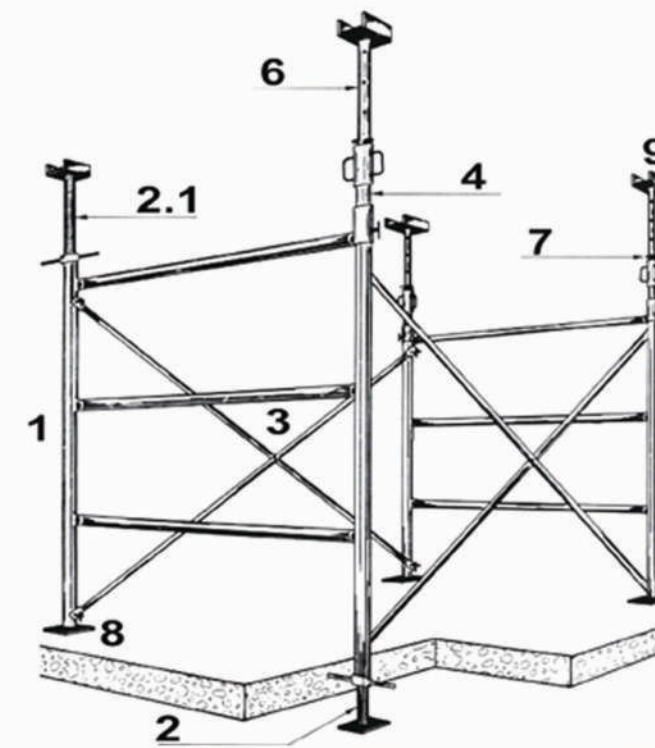
MOA PHASE 4



## SYSTEM CHARACTERISTICS

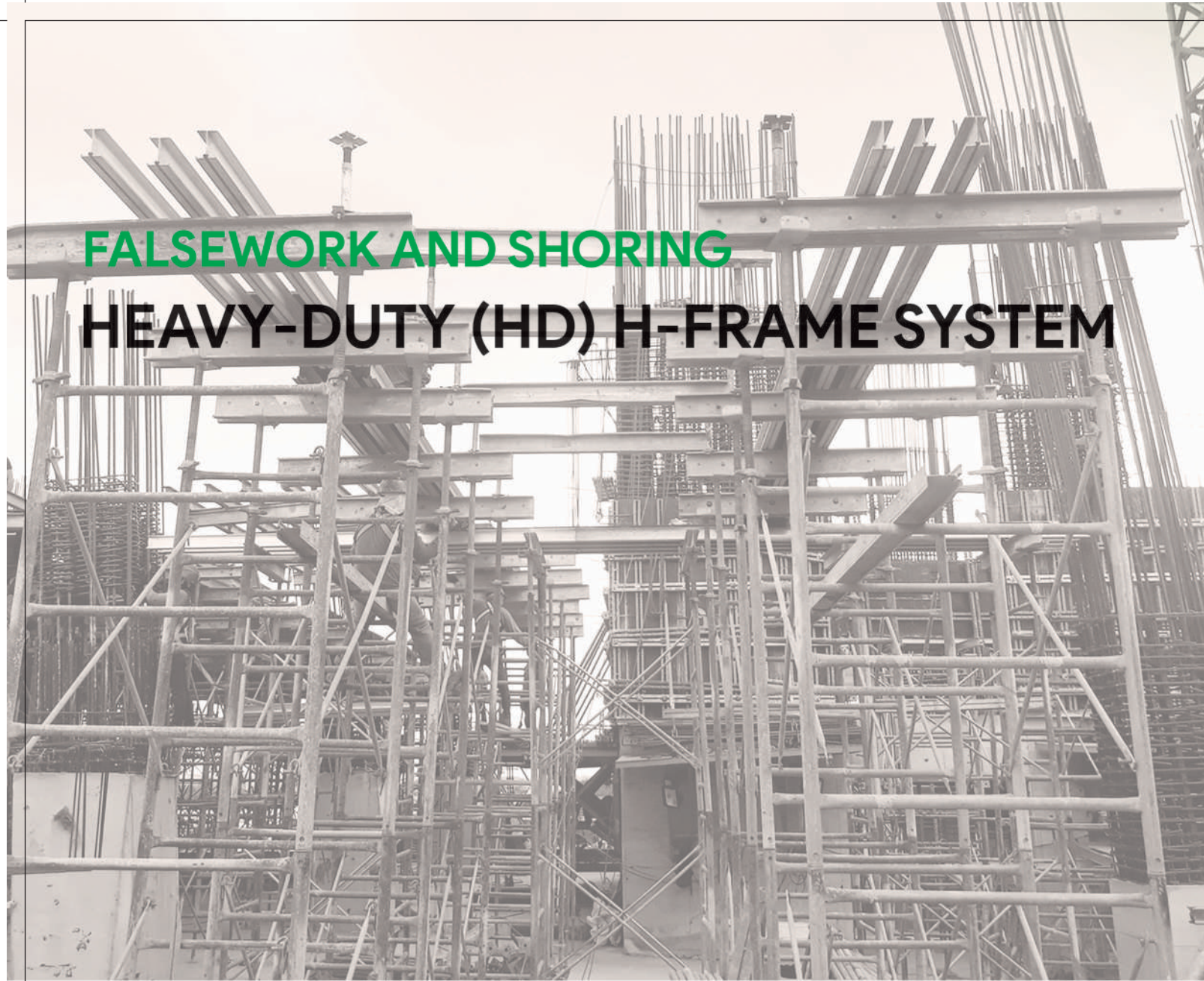
<b>Material</b>	Made of highly corrosion resistant steel / Galvanized
<b>Equipment Performance</b>	30kN (3T) up to 10 Tiers at approximately 15m Frame leg load capacity increases for lower tiers <i>(Table of load capacity available upon request Contact our Engineering Department)</i>
<b>Sizes / Weight</b>	Frames – 0.3m x 1.2m/1.5m/1.8; 1.2m x 1.2m/1.5m/1.8m (60.5mm Ø, 3.8mm thick) / ~30.4kg (heaviest)
<b>Fixing/Locking Mechanism</b>	System Components – Joint Pins
<b>Application</b>	Comes with stair access and working platform accessories Highly recommended for falsework requirements on buildings, access and scaffolding requirements

## COMPONENTS





## FALSEWORK AND SHORING


# HEAVY-DUTY (HD) H-FRAME SYSTEM



## FEATURES AND BENEFITS

- 

**COST-EFFECTIVE**  
Conventional thus highly efficient
- 

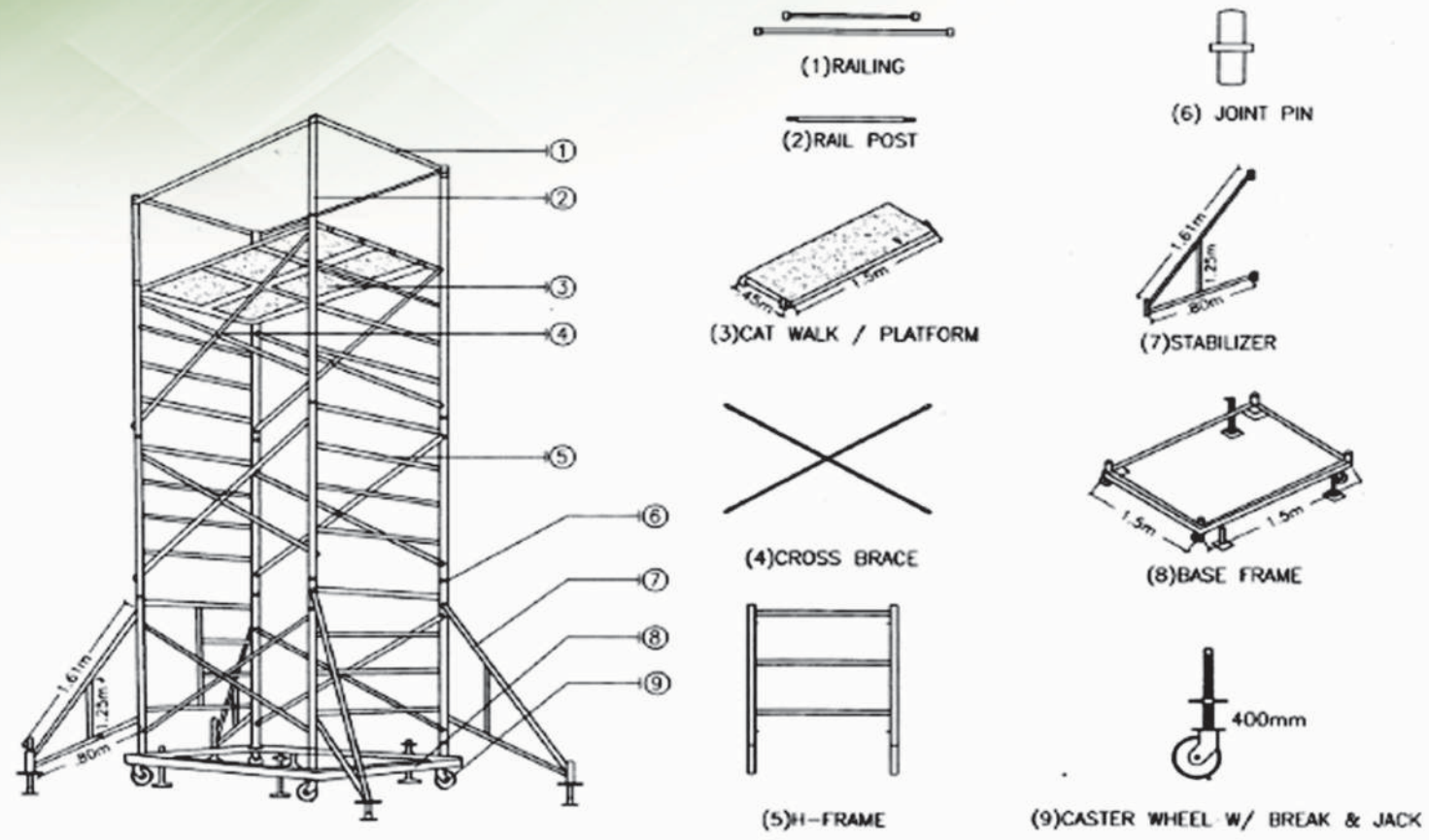
**OUTSTANDING PERFORMANCE**  
Comes in both light-duty and heavy-duty system components depending on site requirement  
Lightweight and less system components
- 

**RAPID WORKING**  
Has been commonly used access and scaffolding system in the construction industry for many years

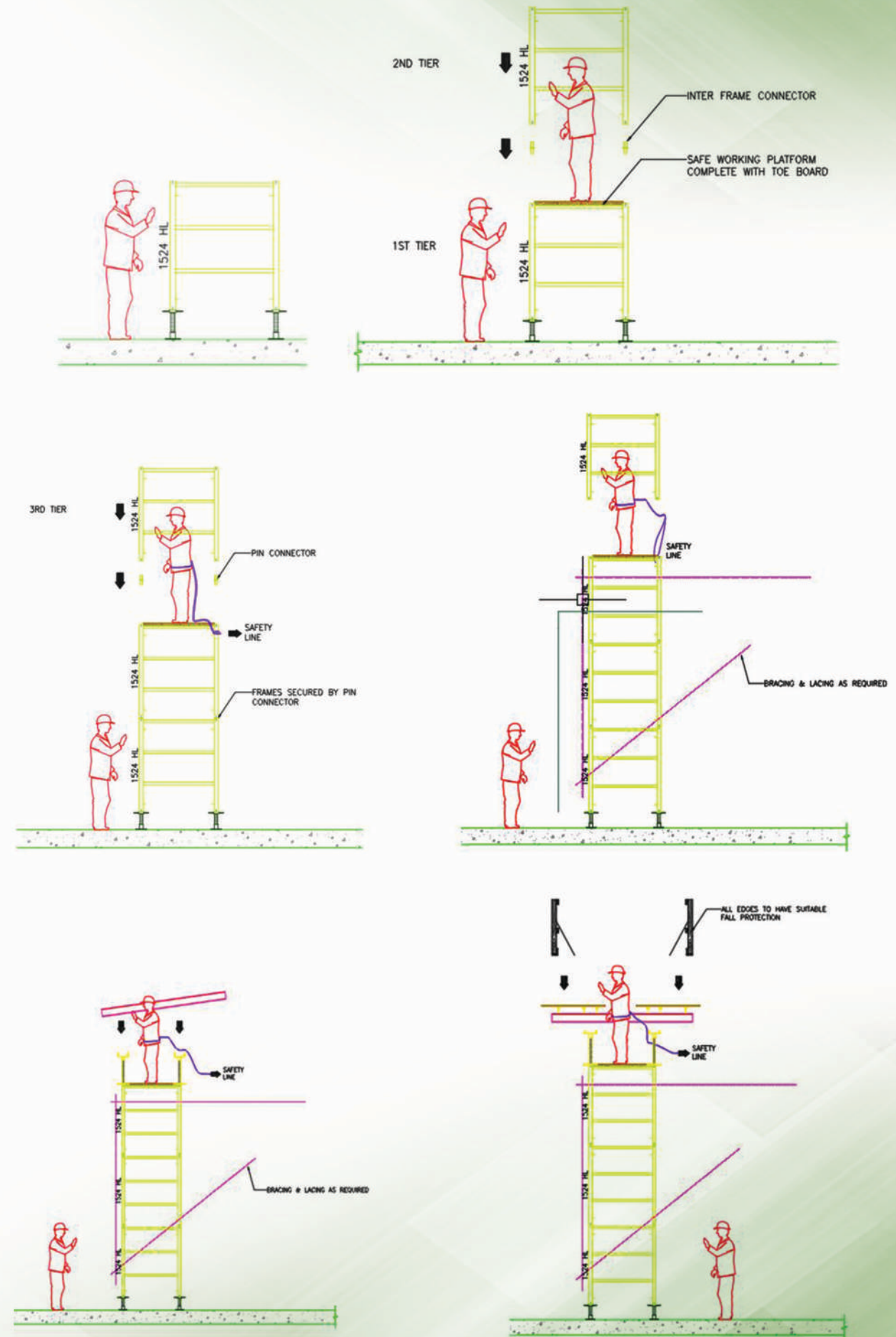


# COMPONENTS

## LIGHT-DUTY H-FRAME MOBILE SCAFFOLD



# ASSEMBLY METHOD







## FALSEWORK AND SHORING ST SYSTEM

### FEATURES AND BENEFITS



#### **COST-EFFECTIVE**

High load-bearing capacity even without diagonals



#### **OUTSTANDING PERFORMANCE**

Can be used also in construction sites both as support of slab formworks with high floor height and as an access scaffolding



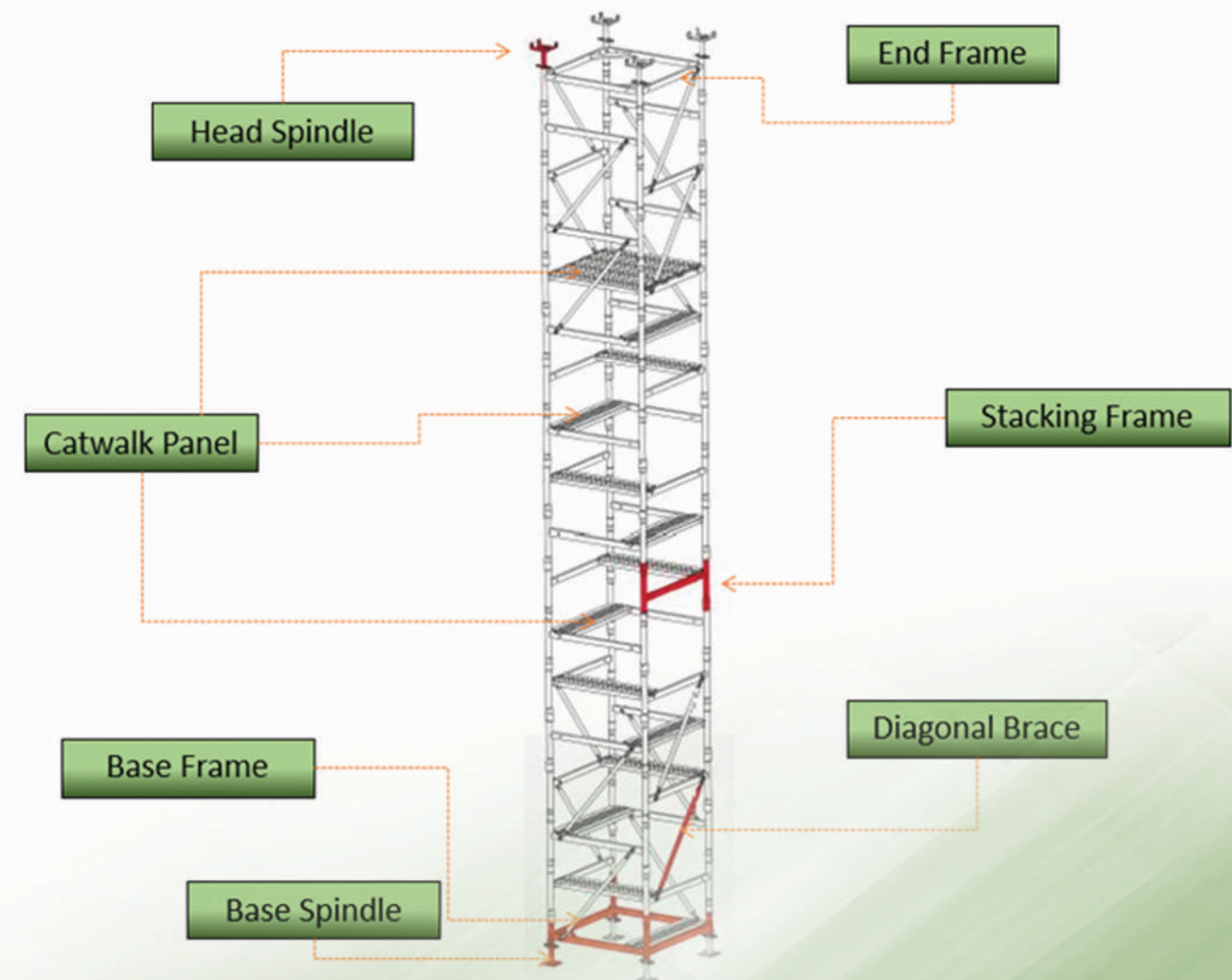
#### **RAPID WORKING**

Can support height requirement of up to 20m  
Less system components which makes assembly easy and simple

### SYSTEM CHARACTERISTICS

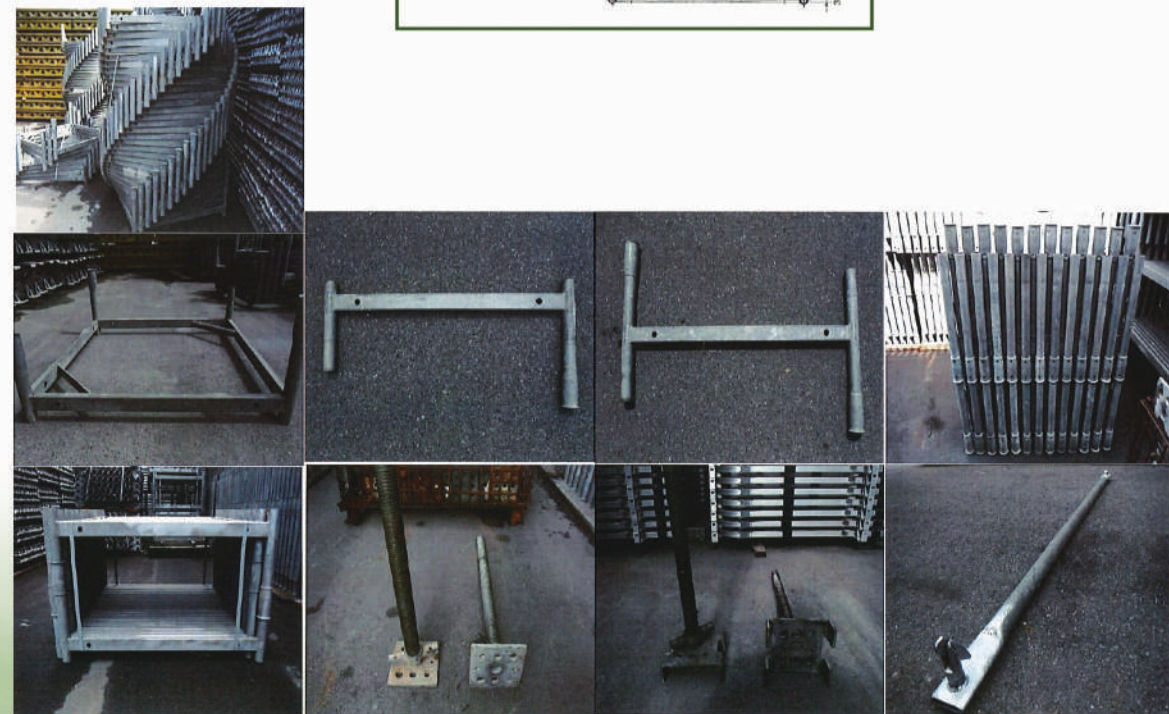
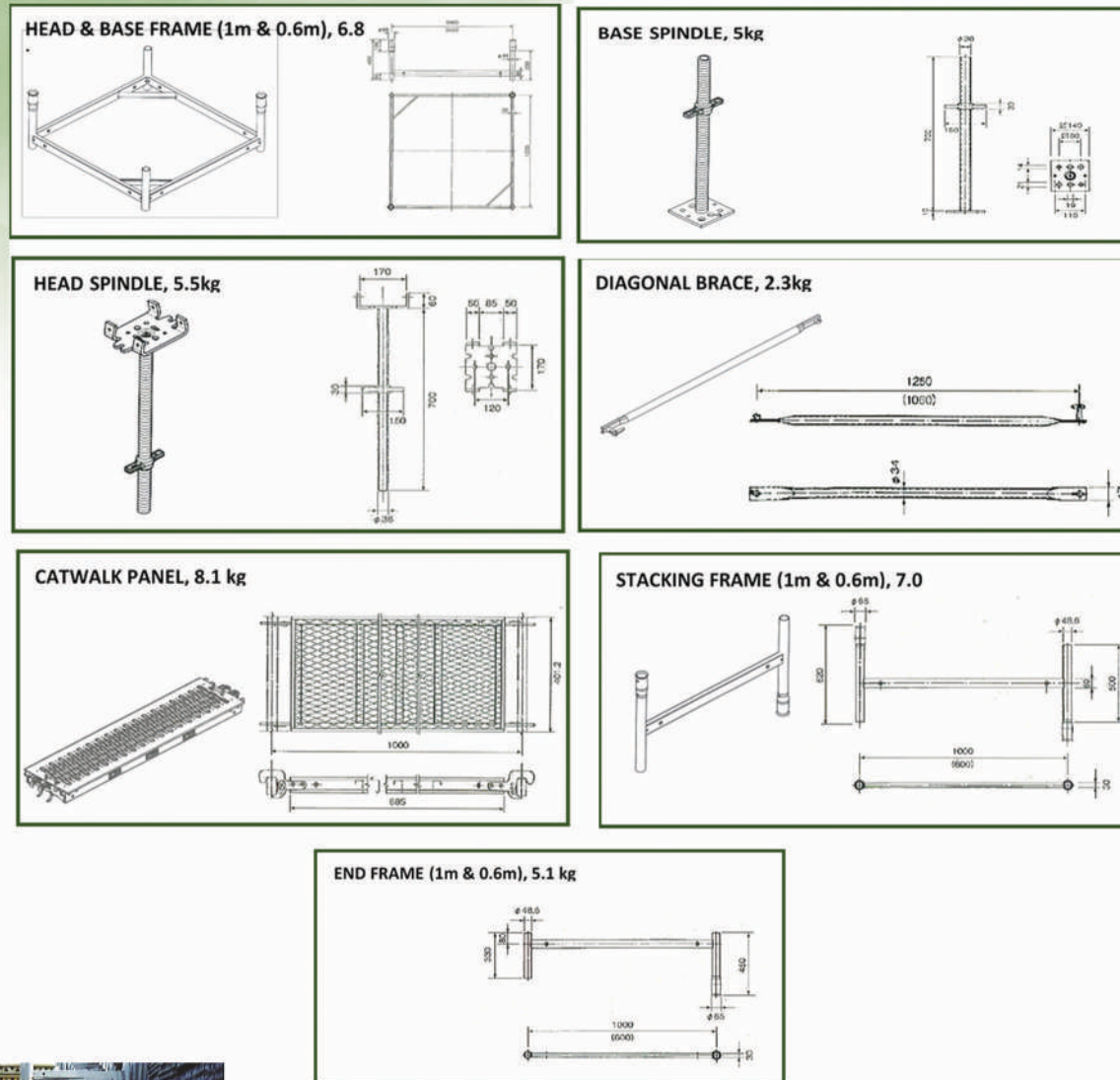
<b>Material</b>	Made of highly corrosion resistant steel
<b>Equipment Performance</b>	50kN (5T) up to 10m height (Table of load capacity available upon request. Contact our Engineering Department)
<b>Sizes / Weight</b>	Frames come in two (2) sizes only – 0.6m and 1.0m Stacking frames less than 7kg
<b>Fixing/Locking Mechanism</b>	Components are simply slotted without the need for any bolts
<b>Other Features</b>	Comes with catwalk panels
<b>Application</b>	Highly recommended for falsework requirements with height requirement more than 10m

### COMPONENTS

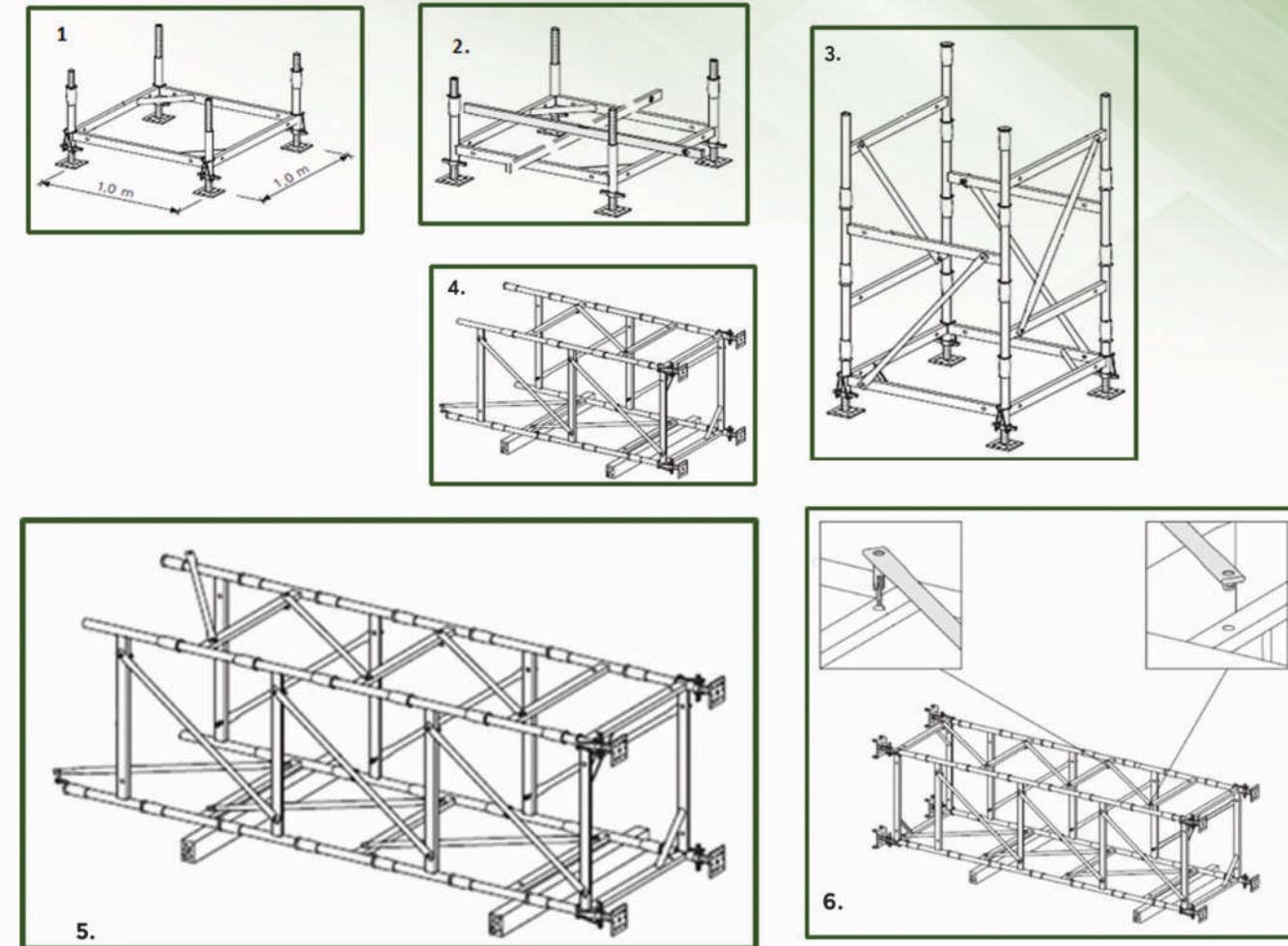




# COMPONENTS



# ASSEMBLY METHOD



# SAMPLE PROJECT








# HEAVY-DUTY FALSEWORK AND SHORING SS50 & RORO SYSTEM



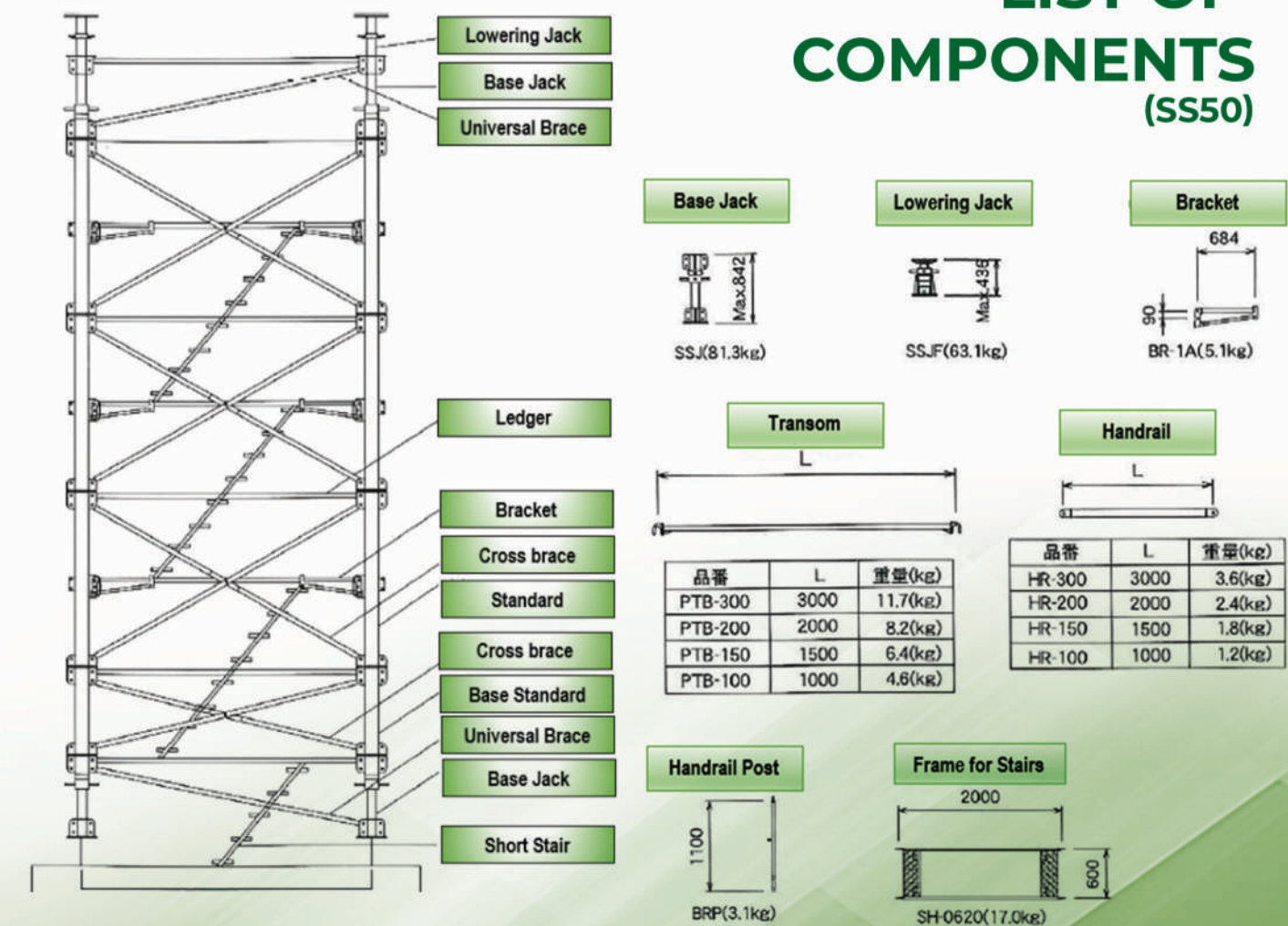
## FEATURES AND BENEFITS

-  Highly efficient for heavy-duty falsework requirement
-  50T leg load capacity  
Suitable shoring to support structures with obstructions and requires horizontal and vertical clearances for traffic
-  Highly recommended for infrastructure projects

## SYSTEM CHARACTERISTICS

- Material** Highly corrosion resistant steel
- Equipment Performance** 500kN (50T) Leg Load Capacity  
(Table of load capacity available upon request.  
Contact our Engineering Department)
- Sizes / Weight** Bay Sizes of up to 3m  
Composed of heavy components; Requires lifting equipment to assemble and dismantle
- Fixing/Locking Mechanism** Pins / Clamps /Bolts and Nuts
- Other Features** Comes with complete access and working platform accessories
- Application** Highly recommended for heavy-duty falsework requirement such as bridge decking and coping beam support  
Also recommended for construction requiring horizontal and vertical clearances for traffic

## LIST OF COMPONENTS (SS50)





# LIST OF COMPONENTS

### Ledger

品番	L	重量(kg)
H-100A	780	6.5(kg)
H-150A	1280	8.8(kg)
H-200A	1780	11.0(kg)
H-300A	2780	15.5(kg)

### Universal Brace

品番	L	重量(kg)
UB-100A	780~Max.1140	13.6(kg)
UB-150A	1280~Max.1640	15.9(kg)
UB-200A	1780~Max.2140	18.1(kg)
UB-300A	2780~Max.3140	22.6(kg)

### Base Standard

品番	重量(kg)
C-045B	27.7(kg)
C-135B	47.5(kg)
C-090B	37.6(kg)
C-180B	60.4(kg)

### Standard

品番	重量(kg)
C-090	40.0(kg)
C-135	49.9(kg)
C-180	62.8(kg)

### Cross brace

品番	A	B	L	重量(kg)
B-3018A	2780	1576	3196	26.0(kg)
B-2018A	1780	1576	2377	20.1(kg)
B-1518A	1304	1576	2046	17.8(kg)
B-1018A	780	1576	1758	15.7(kg)
B-3013A	2780	1126	2999	24.6(kg)
B-2013A	1780	1126	2106	18.2(kg)
B-1513A	1304	1126	1723	15.5(kg)
B-1013A	780	1126	1370	12.9(kg)
B-3009A	2780	676	2861	23.6(kg)
B-2009A	1780	676	1904	16.7(kg)
B-1509A	1304	676	1469	13.6(kg)
B-1009A	780	676	1062	10.5(kg)

### Horizontal Brace

品番	A	B	L	重量(kg)
HB-3030	3000	3000	4016	15.0(kg)
HB-3020	3000	2000	3384	12.7(kg)
HB-3015	3000	1500	3151	11.9(kg)
HB-3010	3000	1000	2962	11.2(kg)
HB-2020	2000	2000	2602	9.9(kg)
HB-2015	2000	1500	2290	8.8(kg)
HB-2010	2000	1000	2023	7.9(kg)
HB-1515	1500	1500	1929	7.5(kg)

### Stair

K-1518(21.2kg)

### Stair Handrail

KTP(8.4kg)

### Steel Plank

SCW-515R(13.0kg)  
SCW-520R(17.4kg)  
SCW-530R(32.2kg)

### Ladder

TR-180(9.2kg)

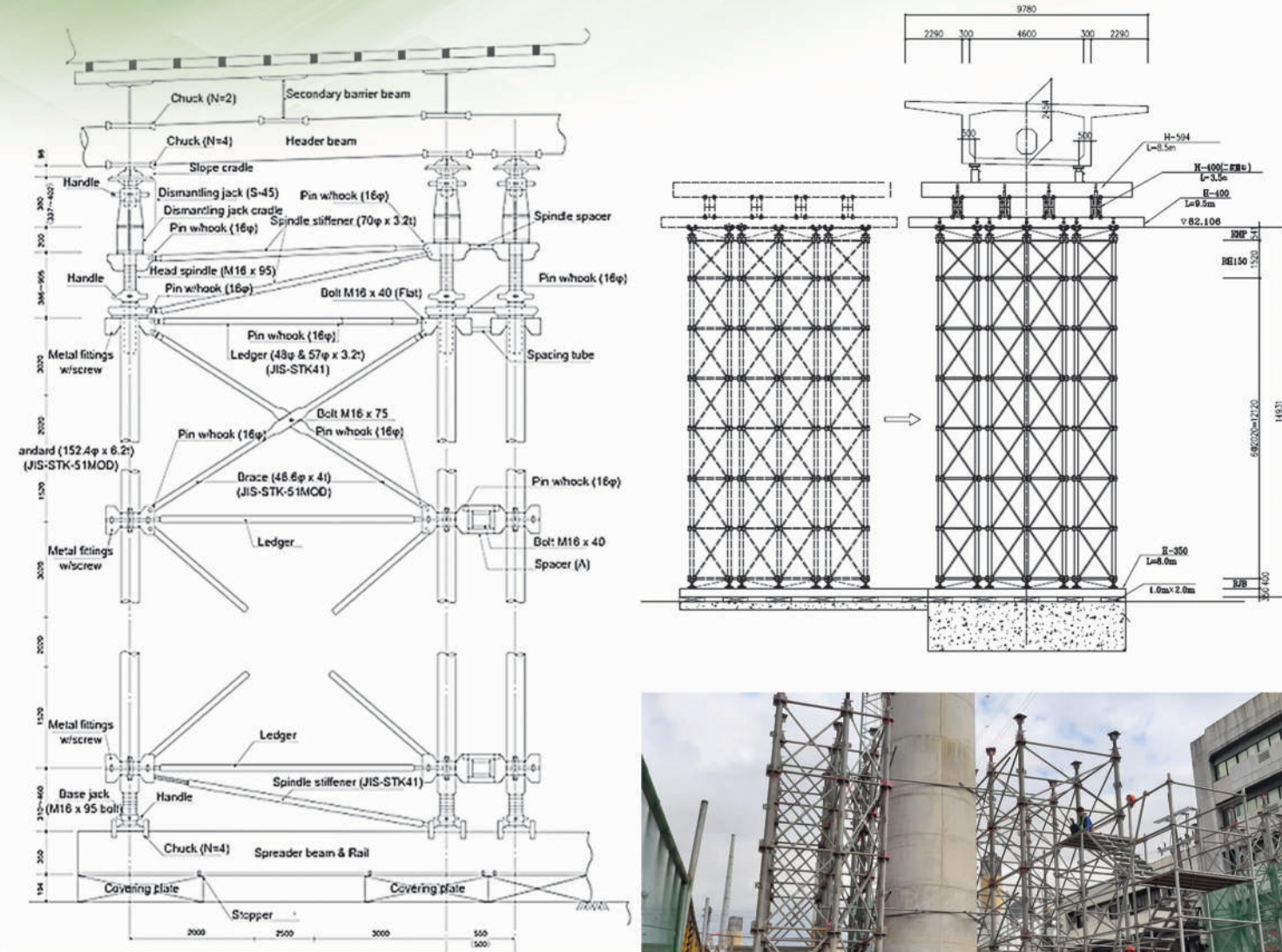
# ASSEMBLY METHOD

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.



# SYSTEM COMPONENTS (RORO)

SAMPLE RORO DESIGN SCHEME



SAN JUAN VIADUCT SKYWAY STAGE 3B PROJECT



# SAMPLE PROJECTS





# TABLEFORM LITE TRUSS SYSTEM



## SYSTEM CHARACTERISTICS

<b>Material</b>	Aluminum
<b>Equipment Performance</b>	55kN (5.5T) at most 3.3m height (Table of load capacity available upon request. Contact our Engineering Department)
<b>Sizes / Weight</b>	1.2m/1.8m-deep, 1.2m up to 8.5m truss lengths (increment of 1.2m) Heaviest Assembly - 175.55 kg    Lightest Assembly - 63.33kg
<b>Fixing/Locking Mechanism</b>	Pins / Clamps /Bolts and Nuts
<b>Other Features</b>	Comes with complete dismantling, lowering and travelling device
<b>Application</b>	Highly recommended for falsework requirements on buildings with typical structures

## FEATURES AND BENEFITS



### COST-EFFECTIVE

Engineered to reduce labor for its one-time assembly thus reducing labor costs



### OUTSTANDING PERFORMANCE

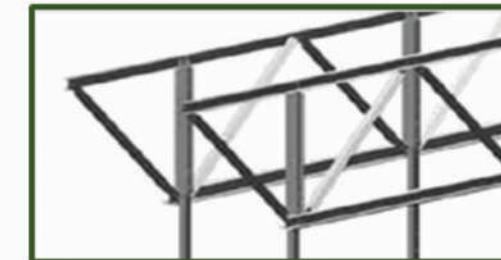
Best tableform system with aluminum beams and range of adjustment and handling accessories which gives outstanding performances needed for today's high speed construction methodology and cycles  
Can be designed to cater varying structural configurations



### RAPID WORKING

Proven highly efficient and improves construction cycle time  
Offers substantial savings in set-up and stripping time compared with handset shoring systems  
With complete locking system components and mechanism to ensure easy and faster roll-out and crane-handling method

## COMPONENTS



### LITE TRUSS SPACER

Lite Truss spacers connect to Lite Trusses of to other spacers to form various lengths of panels. Lengths available are nominal 10'(3.05m) and 5'(1.52m)



### LITE TRUSS (L.H & R.H)

The Lite Truss (left and right) may be connected to other trusses and spacers to form various lengths of panels. The Lite Truss is available either 6' (1.83m), 5'(1.52m) and 4'(1.22m) heights or with or without extension legs. Lite Trusses can be stacked in many ways to reach all required heights.



### TRUSS JACK

The Lite Truss jack supports and levels the Lite Truss flying form system. For fine adjustment, the jack comes in three (3) sizes of jack, ranging from 12" (0.305m) to 30" (0.762m). The lite truss jacks remain attached to the truss and are hinged up out of the way during the flying operations.

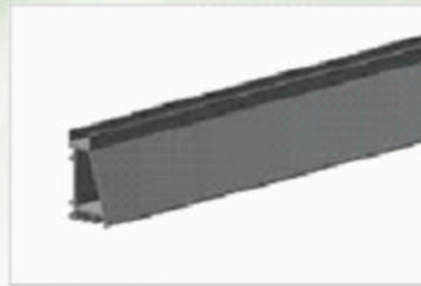


# ACCESSORIES



**Locking Pin**

Locking Pin sets are used to lock the inner and outer extension legs for various height adjustment.



**Guardrail Beam**

Safety is built into the system, by use of the Guardrail Beam. This facilitates positioning of guardrail post sockets and allows easy installation of a fully guarded perimeter.



**Truss Pick**

The truss pick with a capacity of ~1524kg is used to lift truss panels.



**Nylon Sling**

Nylon slings are used as an alternate to the truss pick and used to pick up and fly truss panels.



**Ton Floor Jack**

The 3 Ton floor jack is used to lower Lite Truss panels when standard truss panels are used.



**Drop Center Dolly**

The Drop Center Dolly is used to transport Lite Truss. It has a 1636kg capacity.



**Truss Landing Dolly 6'**

Truss Landing Dollies are used to receive truss panels with extension legs from final positioning after flying in order to free crane.



**Truss Lowering Device 4' & 6'**

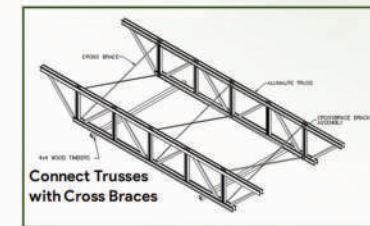
This Truss Lowering Devices allow 'one step' lowering and raising of large Lite Truss panels when extension legs are used.



**Standard Glide & Tilting Glide**

Standard Glides are used to glide truss panels to the outside of a building after stripping. Tilting Glides are usually placed at building edges to support truss panels in a tilted position during the flying process.

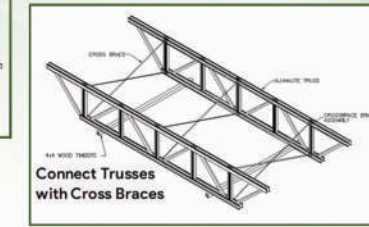
# ASSEMBLY METHOD



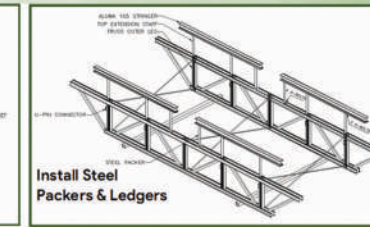
**Connect Trusses with Cross Braces**



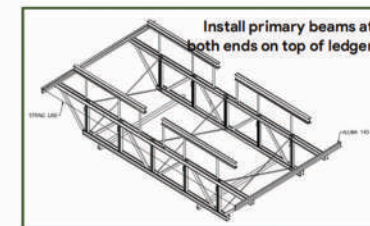
**Install Steel Packers & Ledgers**



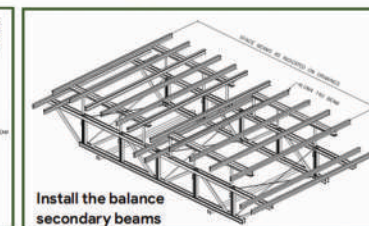
**Connect Trusses with Cross Braces**



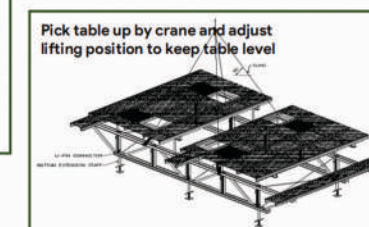
**Install Steel Packers & Ledgers**



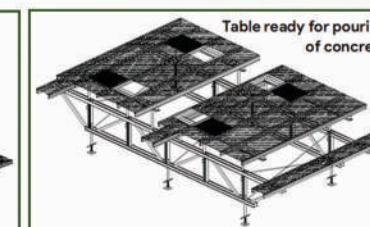
**Install primary beams at both ends on top of ledger**



**Install the balance secondary beams**



**Pick table up by crane and adjust lifting position to keep table level**



**Table ready for pouring of concrete**

# SAMPLE PROJECTS



MARINA SEA VIEW



ONE PASEO



# TABLEFORM HORY TABLE SYSTEM



## FEATURES AND BENEFITS



### COST-EFFECTIVE

Minimal components thus minimize assembly time  
Lightweight thus labor efficient



### OUTSTANDING PERFORMANCE

Certified safe and efficient by Korea Temporary Equipment Associations  
Highly recommended for its high strength 8T shoring capacity at 4.5m



### RAPID WORKING

With quick release mechanism for easy striking/dismantling  
One-time assembly; crane-handled

## SYSTEM CHARACTERISTICS

<b>Material</b>	Aluminum
<b>Equipment Performance</b>	170kN (17T) at most 2.5m prop height 81.5kN (8.1T) at most 4.5m prop ht <i>(Table of load capacity available upon request. Contact our Engineering Department)</i>
<b>Sizes / Weight</b>	2.425m max truss brace
<b>Fixing/Locking Mechanism</b>	Pins / Clamps /Bolts and Nuts
<b>Other Features</b>	Comes with complete dismantling, lowering and travelling device
<b>Application</b>	Highly recommended for falsework requirements on buildings with typical structures Multi-props can be used for back propping/reshoring applications

## COMPONENTS

- 1 Con-Panel(12T)
- 4 Hory Beam
- 7 Truss Brace
- 2 Plywood(18mm)
- 5 U-Head
- 최대하중하중:  
98kN/3m(안전율 3적용)
- 3 Main Beam
- 6 Multi Support



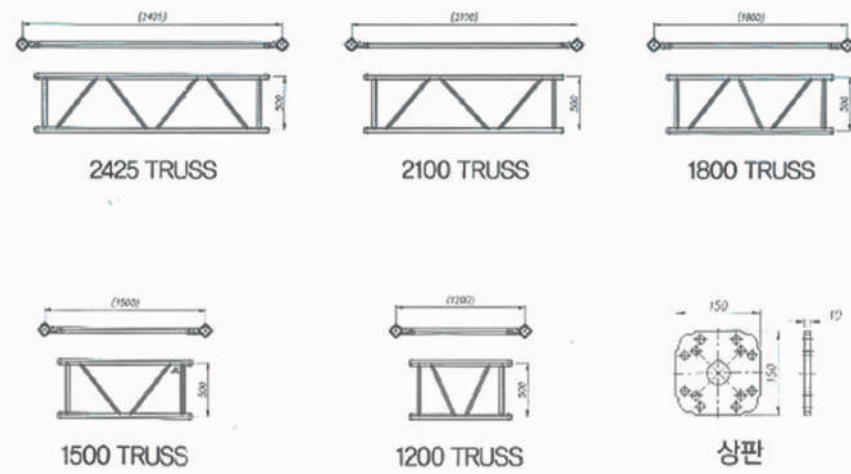


# COMPONENTS

## AI. SUPPORT 사양

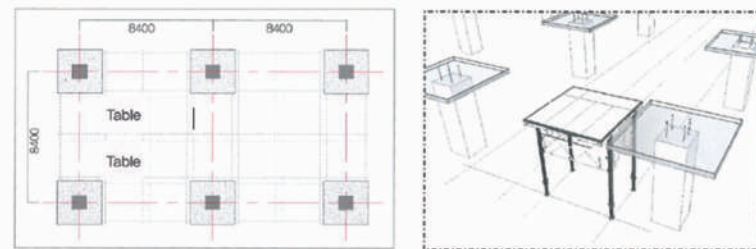


## TRUSS BRACE 사양

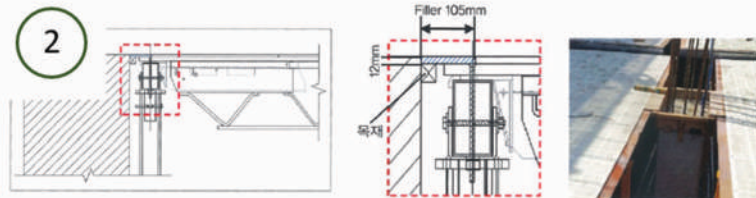


# ASSEMBLY METHOD

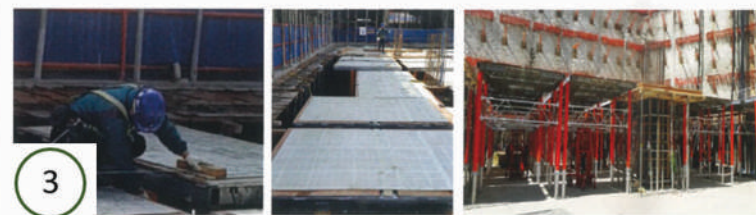
1



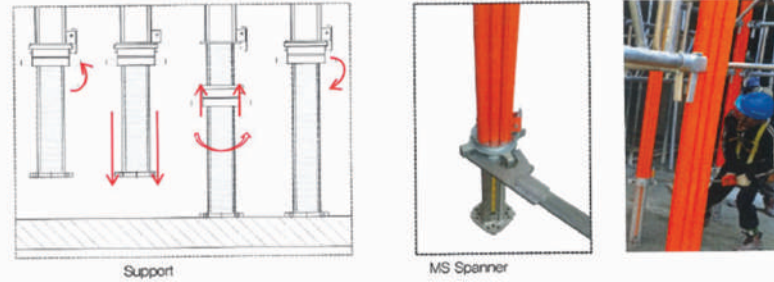
2



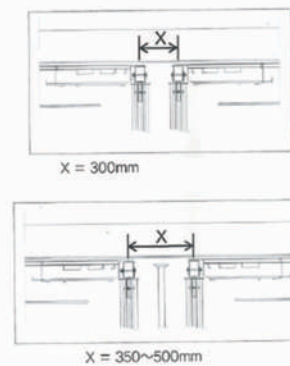
3



4



5



# SAMPLE PROJECT

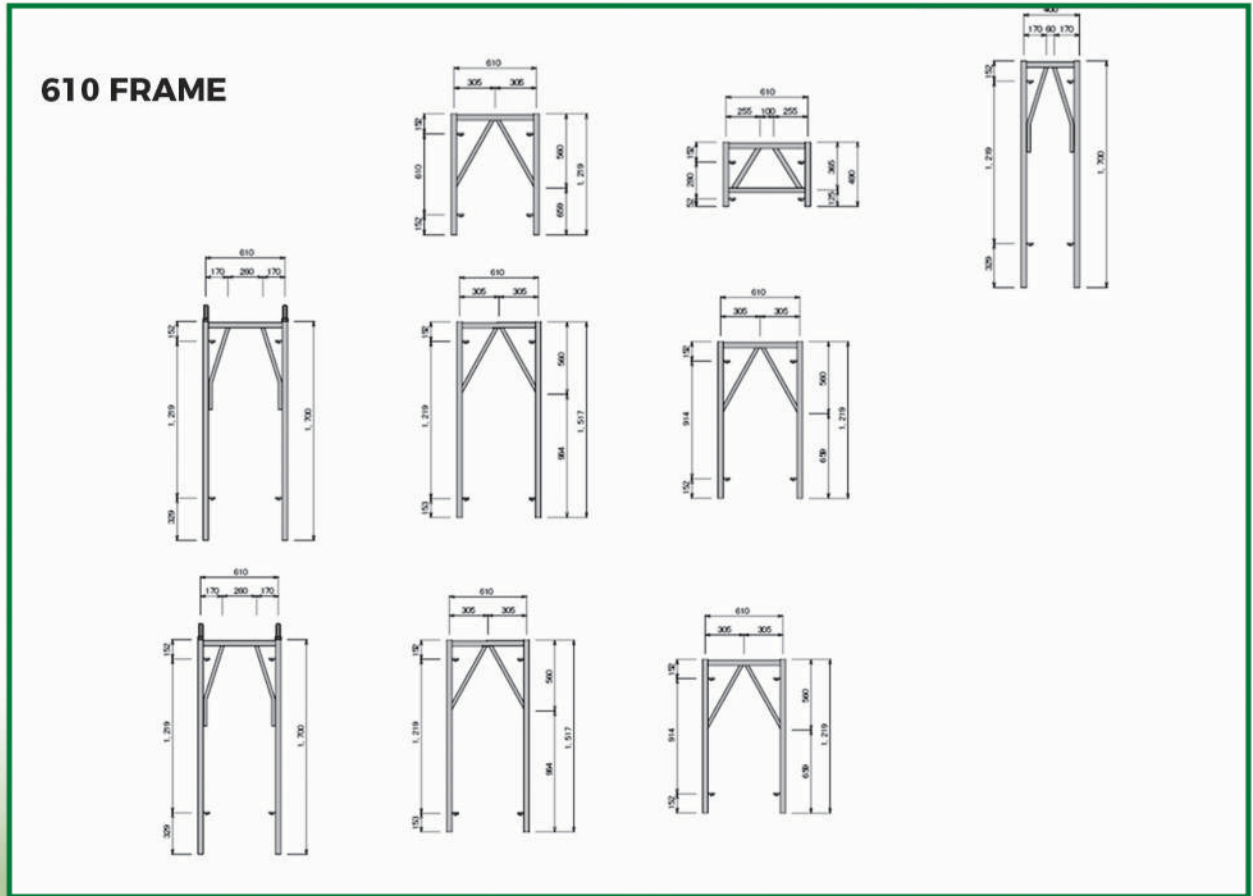
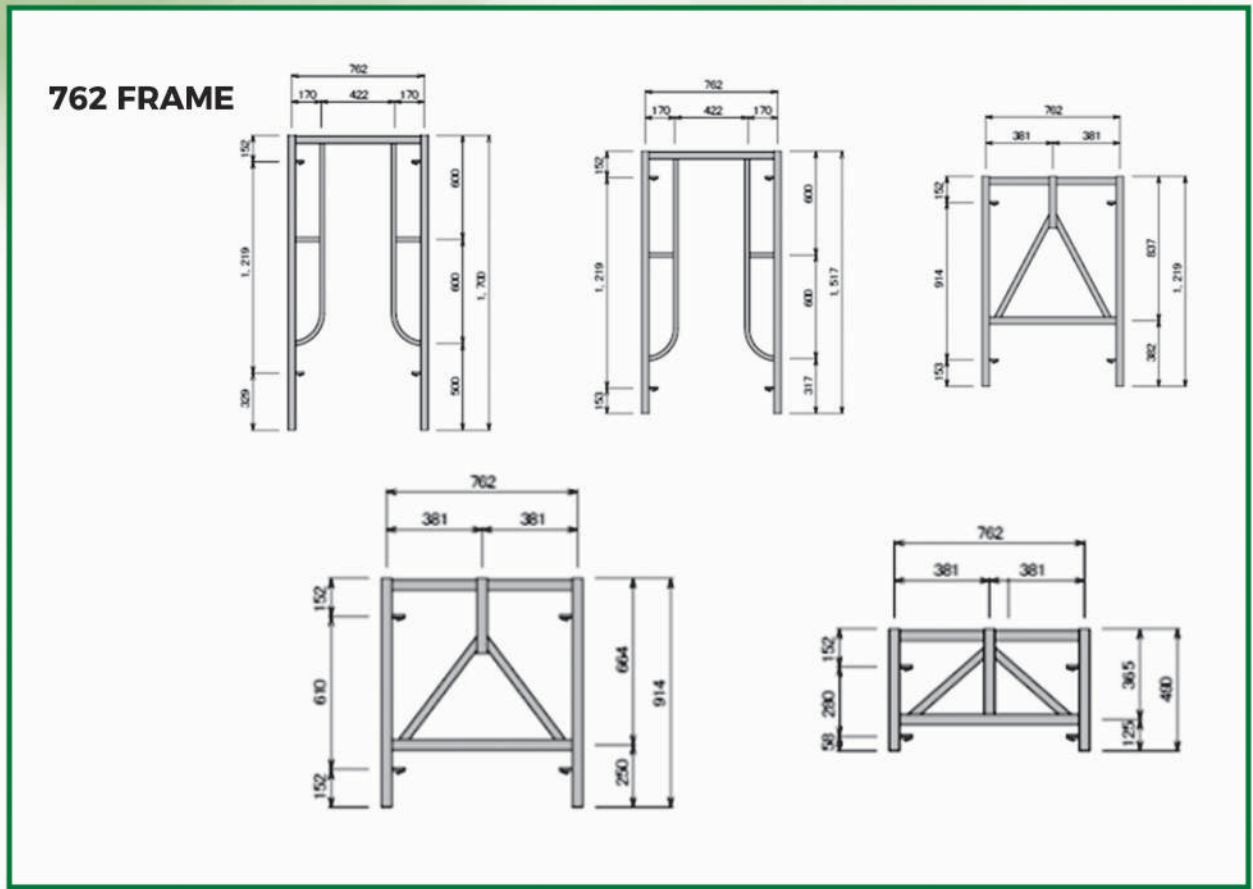








# SYSTEM COMPONENTS



**MALL OF ASIA  
PHASE 4**

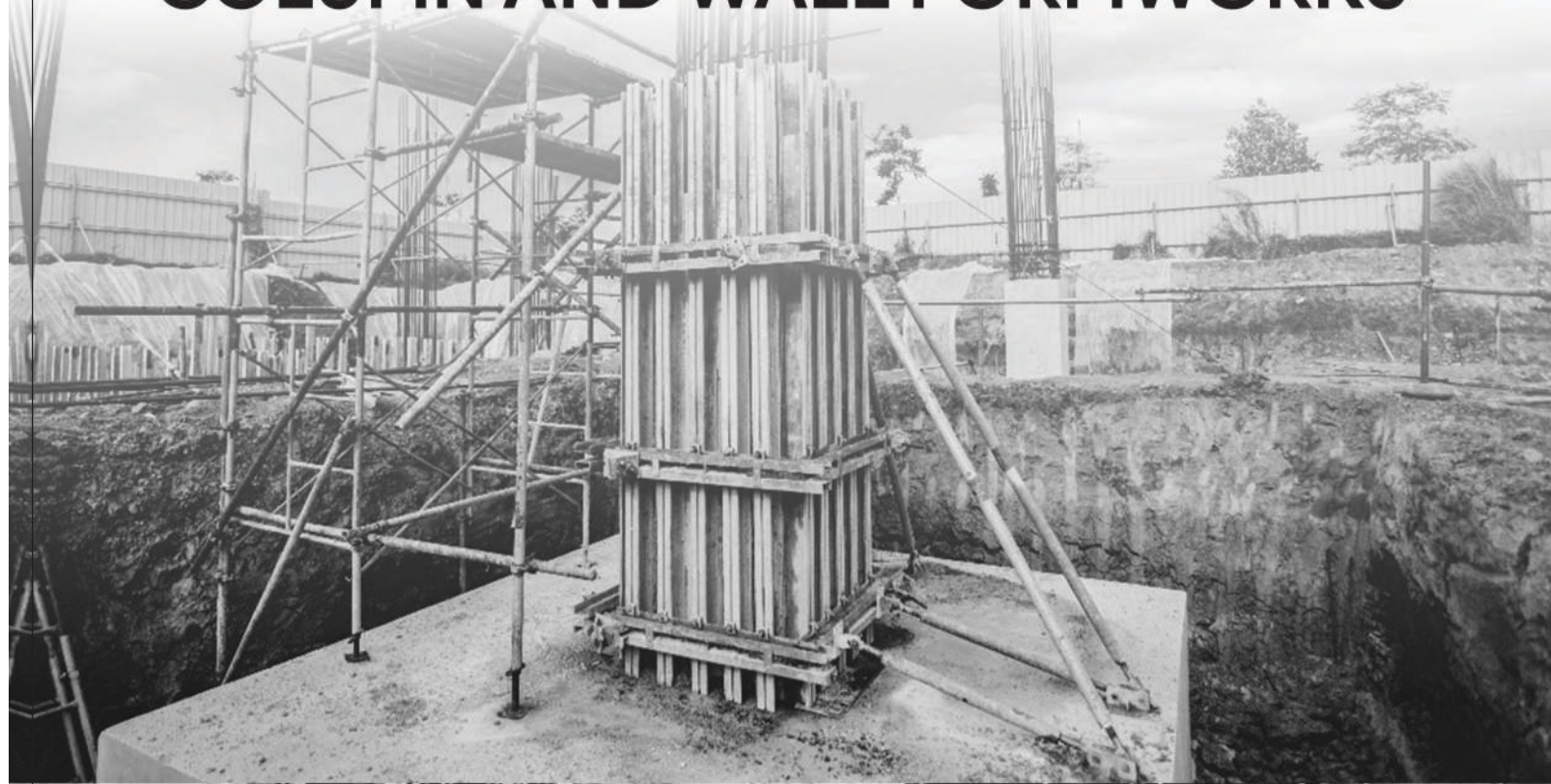
# ACCESSORIES

<b>CATWALK</b>		<b>HARDRAIL POST</b>	
<b>TOE BOARD</b>		<b>VERTICAL LADDER</b>	
<b>BRACING</b>			
<b>GAURDNAIL &amp; JOINT PINS</b>			
<b>MURAMOTO STAIR</b>			
<b>STEP GAURDRAIL</b>			



# FORMWORKS

## COLUMN AND WALL FORMWORKS



### FEATURES AND BENEFITS



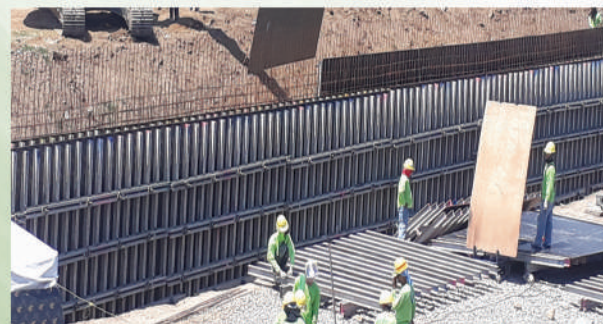
#### SUPERLATIVE CONCRETE RESULTS

Vertical form for columns and walls  
 Can be engineered and designed for special requirement  
 Complete with corner accessories



#### RAPID WORKING

One-time assembly and crane-handled  
 Lightweight and easy to assemble



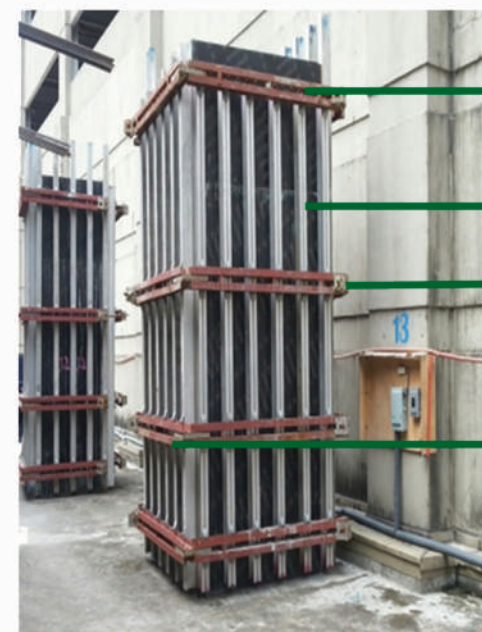
BATAAN BOX CULVERT



# SYSTEM CHARACTERISTICS

<b>Material</b>	Aluminum Beams and Steel Channels as Backing Members
<b>Fixing/Locking Mechanism</b>	Bolts and Nuts
<b>Other Features</b>	Comes with lifting lugs; Some lifting accessories available upon request Jump System, Internal, External and Trailing Platforms Available Upon Request
<b>Application</b>	For columns, walls and core walls

## LIST OF COMPONENTS



DOUBLE CHANNEL

ALUMINUM BEAM

CORNER TIE BEARING

L-SPLICE PLATE

CATWALK

TIE ROD ASSEMBLY

PUSH-PULL PROPE








BACKPROPPING / RESHORING AND  
SPECIAL SUPPORT APPLICATION

## HEAVY-DUTY (HD) SHORING JACKS



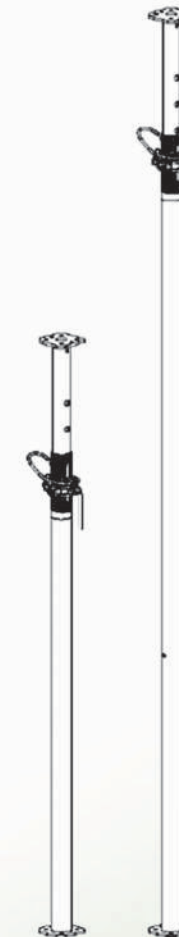
### FEATURES AND BENEFITS

-  Highly efficient and cost reduction for back propping/re shoring applications  
Less maintenance, loss and damage
-  Provides better work space for other trades when used as back props/re shores  
High capacity, safe and lightweight  
Easy assembly and dismantling mechanism
-  Suitable support to irregular areas where typical falsework is not applicable  
Highly recommended as back props, re shores or post shores

### SYSTEM CHARACTERISTICS

<b>Material</b>	Hot-dipped Galvanized Steel
<b>Equipment Performance</b>	54kN (5.4T) at most 3.5m-height <i>(Table of load capacity available upon request. Contact our Engineering Department)</i>
<b>Sizes / Weight</b>	Comes in various sizes Minimum Height =1.5m Maximum Height = 5.5m (Can extend up to 6m using extension shores)
<b>Fixing/Locking Mechanism</b>	Drift Pin
<b>Application</b>	Highly recommended for falsework requirements on buildings with typical structures Multi-props can be used for back propping/reshoring applications

### COMPONENTS



#### TWIST HEAD

Designed such that ears on both sides can be twisted and locked into the bottom flange of aluminum beams



#### BY PASS HEAD

Designed so that one or two aluminum beams can be mounted on the top. Slots are cut so that aluminum bolts can be used.



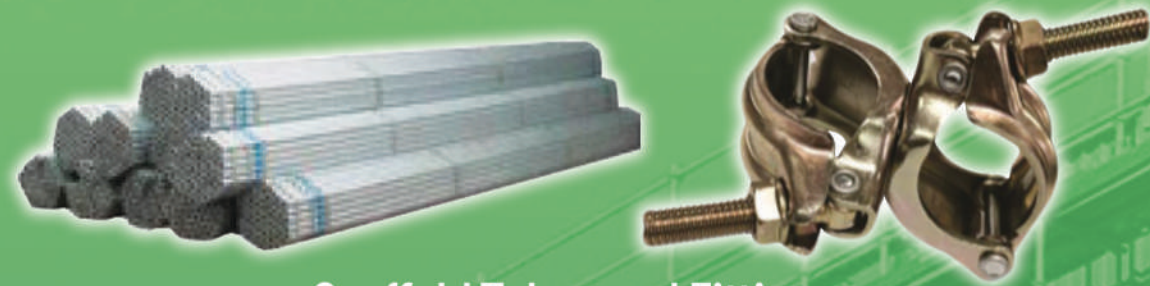
#### HD PSOT SHORE EXTENSION STAFF

Provides additional height to post shore assemblies to suit application.



# OTHER PRODUCTS

## ACCESSORIES & CONSUMABLES



### Scaffold Tubes and Fittings

- 38mm / 48mm  $\Phi$  B.I. / G.I. Sch. 40 scaffold tubes
- Hory clamps ( 38mm / 48mm/  $\Phi$  60mm Swivel / Fixed) most sought tube fitting accessories in Japan with high regard on safety and productivity.



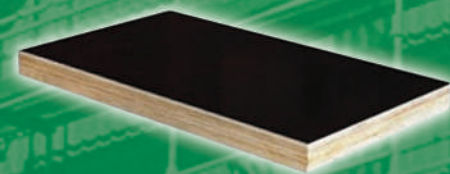
### Aluminum Beams & Clamps

A versatile, light and high strength backing member for formworks application



### Adjustable Base Jacks

Smooth sleeve and high strength comes in hollow and solid jacks to suit varying site requirement.



### Phenolic Boards

Guaranteed high-quality with multiple usage, best concrete finish and to achieve optimum performance. Use of form oil is highly recommended.



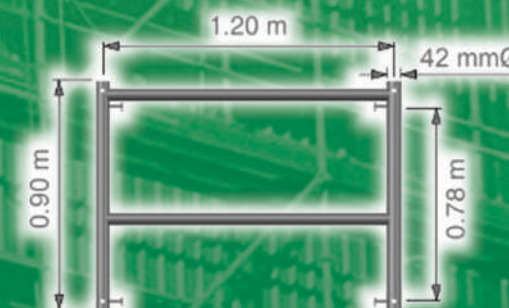
### Access and Working Platform Accessories

- Because we value safety, we offer stairs, and steel ladder, handrail posts, planks, toe boards and catwalk brackets to cater access and working platform requirements
- For material specifications, please contact our Sales Representative

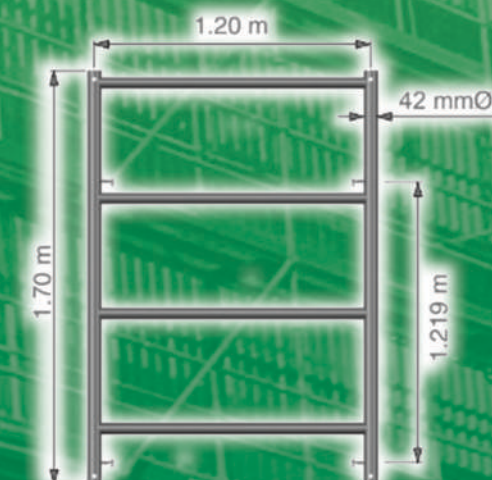


### Tie Rod and Wing Nut

### LD FRAME (0.9 x 1.20 / 1.7 x 1.20)



### Bolts and Nuts



### Light Frame

A light yet strong and easy to assemble and dismantling characteristic.