CONMELIUS
construct better life



Formwork and Scaffolding

Provide various solutions for construction projects

Suzhou, China

www.conmelius.com

Catalog 2026

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About Us

CONMELIUS (Suzhou) Technology Ltd.







Founded in 2012, Conmelius core factory has grown into a specialized provider of scaffolding, formwork, and facade/edge protection solutions for construction projects worldwide.

Our international business was formally launched in 2018. Since then, we have successfully served over 100 projects, including villas, commercial buildings, stadiums, hydroelectric power plant, and railway and highway bridges. For each project, we deliver products that precisely meet technical requirements while maintaining cost-effectiveness.

Our core strength lies in deep supply chain optimization and comprehensive project know-how. This allows us to understand client needs thoroughly and offer tailored support throughout the entire project lifecycle.

During the bidding stage, we help contractors develop advantageous proposals and competitive pricing by recommending suitable products and configurations. During execution, we provide optimal material solutions that balance safety, performance, and budget.
Additionally, we assist clients with structural calculations, load certifications, and compliance documentation, enabling smoother approvals and faster delivery.

By continuously improving our manufacturing processes and leveraging industry expertise, we ensure that every component meets rigorous quality standards.

We are not just a supplier but a collaborative partner committed to enhancing project efficiency and reducing risks. As we expand our global presence, Conmelius team remains dedicated to helping clients build with confidence, from concept to completion.

CONMELIUS
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MISION

Transforming Construction Experiences

Transforming Construction Experiences

VISION

Projects are empowered by our faleswork excellence

Projects are empowered by our faleswork excellence

VALUE

User Experience Focused, Progress through Innovation

User Experience Focused, Progress through Innovation



MATERIAL SUPPLY

Our Material Supply division provides high-quality formwork and scaffolding for construction projects. Our products include wood, steel, and aluminum. We deliver on time and supply trust-worthy building, bridge, and other construction supplies.

Variety: We supply a wide range of formwork systems, scaffolding systems and components.

Quality Assurance: All materials undergo rigorous quality checks to meet industry standards.

Custom Solutions: Our team assists clients in selecting the right materials based on project requirements

ENGINEERING SERVICES

Our Engineering Services team plays a crucial role in ensuring safe and efficient construction practices. We offer a suite of services tailored to meet project needs

Design Drawings: We design formwork and scaffolding with structural integrity, safety, and efficiency in mind.

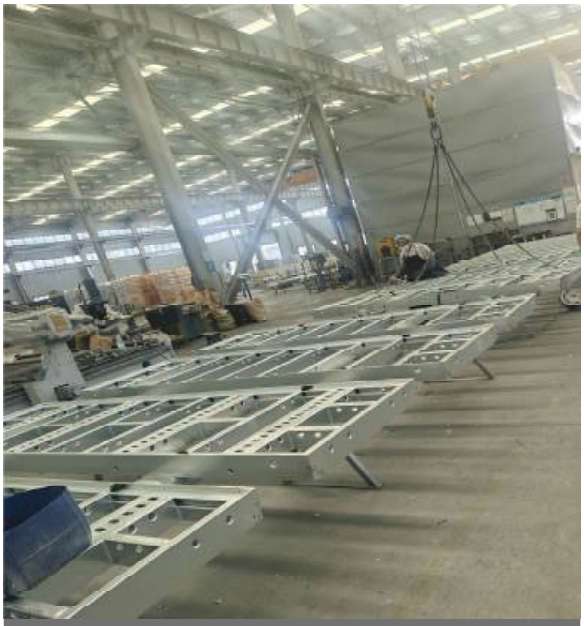
Shop Drawings: We provide precise shop drawings that guide construction teams during assembly.

Design Calculations: Our engineers perform load calculations, stability analysis, and material selection.

Third-Party Certification: Integrating independent certifiers to verify industry standards.



Our Service



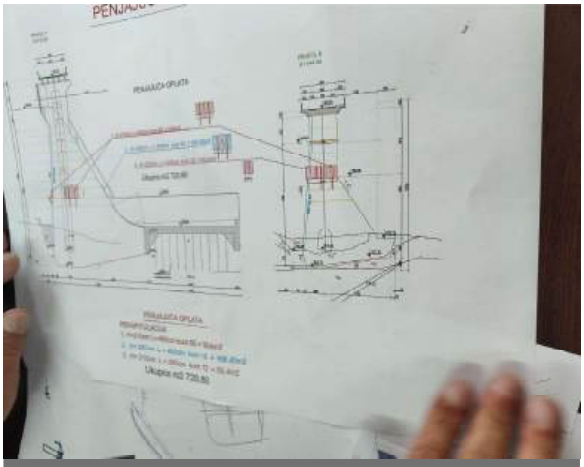
Material supplying



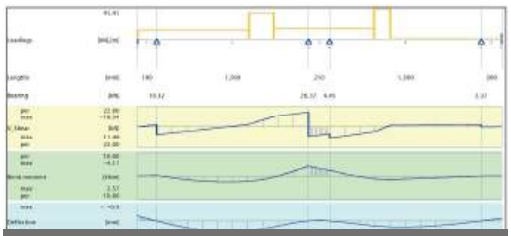
Product QA

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SERVICE MATTERS



Design Drawings



Calculation support



Transportation



Onsite supervision

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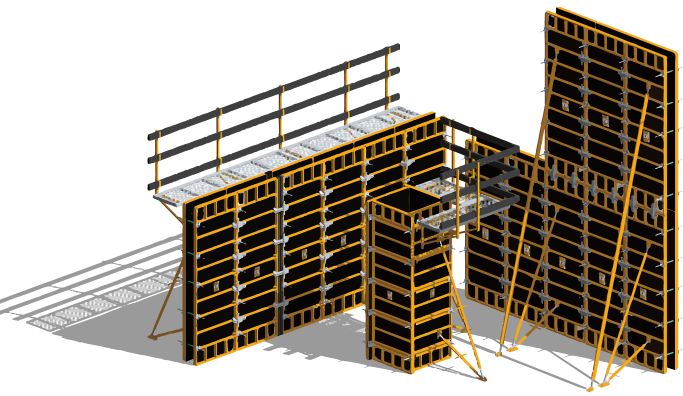
Product Line



UVSK

Multifunctional panel formwork

UVSK *A mutipurpose steel frame panel formwork system*



UVSK is a steel-frame panel formwork system , balanced weight and robust panel design, with frames available in galvanised or painted finishes. It can be manually handled or crane-assisted, and is versatile for a range of concrete structures, including walls, columns, footings, abutments, and beams.

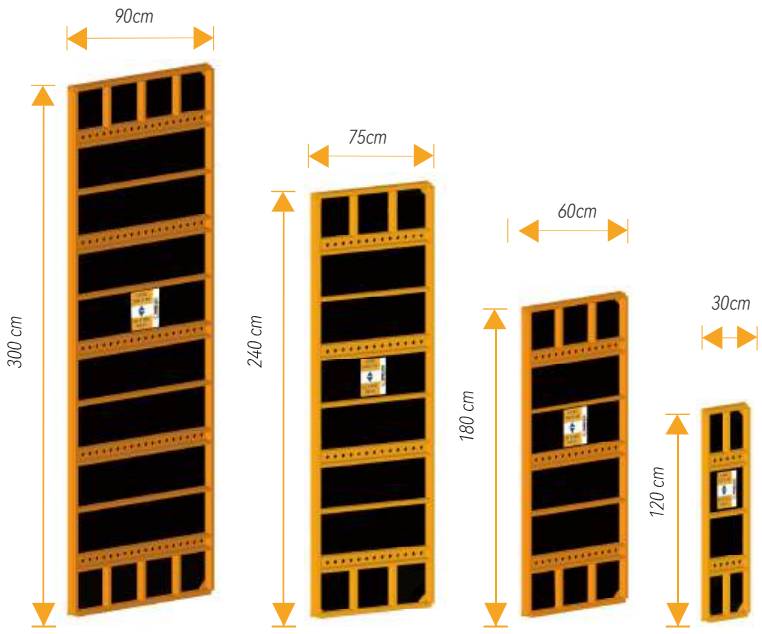
Main features:

- Robust panels with a weight of 45 kg/m²
- All of the panels can be used as multifuctional panels
- Max. permissible fresh concrete pressure: 60 kN/m ²(wall)
- Max. permissible fresh concrete pressure: 80 kN/m ²(column)
- Column adjustable increment： 50 mm
- Big panel column adjutable range: 150X150 mm to 750 X 750 mm



Dimension Matrix：

		Width				
Unit: cm		90	75	60	45	30
Height	300	300 X 90	300 X 75	300X60	300 X 45	300 X 30
	270	270 X 90	270 X 75	270 X 60	270 X 45	270 X 30
	240	240 X 90	240 X 75	240 X 60	240 X 45	240 X 30
	180	180 X 90	180 X 75	180 X 60	180 X 45	180X 30
	120	120 X 90	120 X 75	120 X 60	120 X 45	120X 30
	90	90 X 90	90 X 75	90 X 60	90 X 45	90X 30



UVSK *A mutipurpose steel frame panel formwork system*







Speed up the construction workflow with a lighter and multifunctional panel formwork

Lightweight yet robust

UVSK offers the best balance between lightness and strength, while maintaining the highest standards of strength-60 kN/m2 and durability due to powder coated(or HDG) frame and reinforced corners.

Precision Panel

Modular formwork dimensions excel horizontally and vertically. Standardized panels assemble easily, , accelerate cycles, adapt to layouts, ensure smooth finishes, reduce costs, and maximize reuse for safe, sustainable construction.

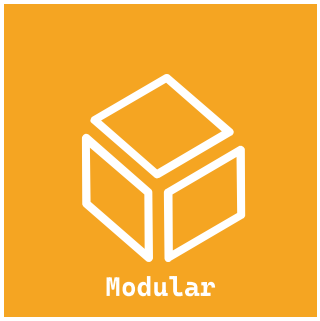
Speed up workflow

Thanks to the optimised size panels the number of tying points and the joints between panels are reduced, making its a leader when it comes to wall and column construction speed.

It can do everything

A wide range of multifunctional panels with higher strength and load capacity, which offers a variety of solutions to solve all types of building geometries, even the most complex ones.





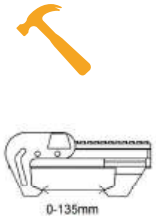




UVSK *A mutipurpose steel frame panel formwork system*

Connection features

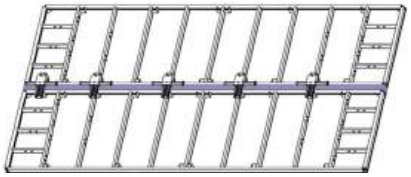




UV clamp

- Easily and robust tighted by hammer
- Butt joint and aligning panel flateness
- Multi-purpose panels connection, timber compensations
- Extensions range up to 135mm





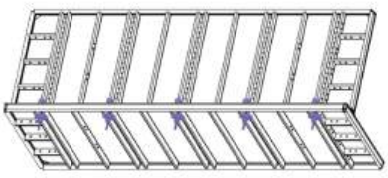


External clamp

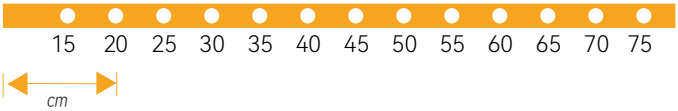


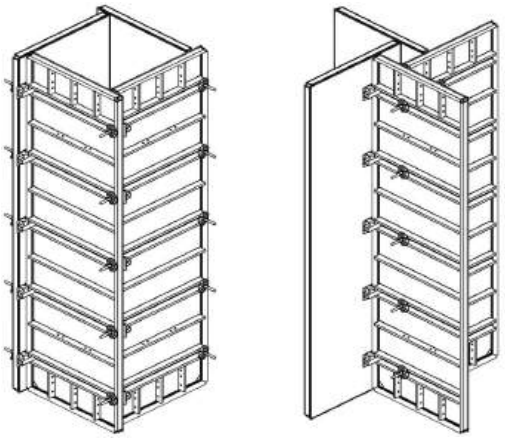
Dia: 17/15 mm

- Outer corner connection for wall or stop end
- Column corner connection



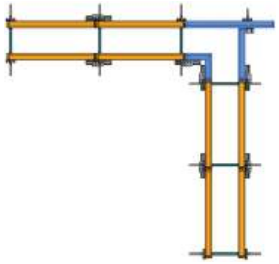
Column size adjustment

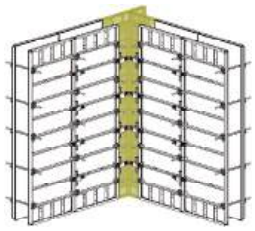




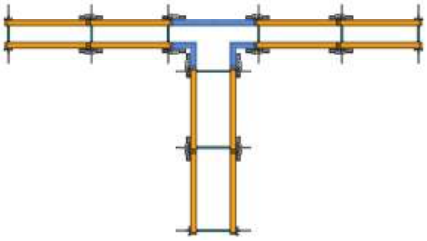
Joint solution

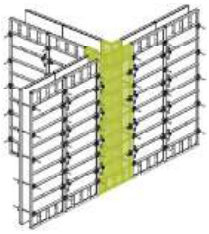
Corner 90°





T Wall





Corner non-90°





Accessoires

Lifting Shackle

For panel lifting



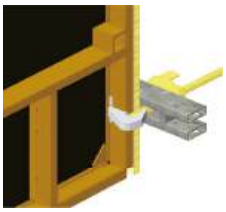
Platform bracket

For working platform



Bulkhead clamp

For wall stop end



Push-Pull prop kits

For anchoring and vertical adjustment



Tie kits

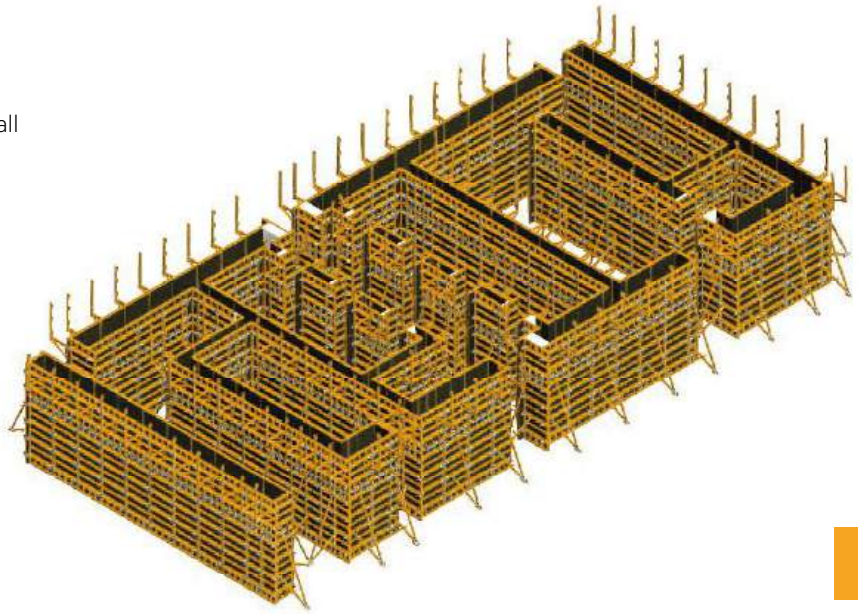
Tie rod and plate nuts



Water-stop nut

For water-stop wall





UVSK *A mutipurpose steel frame panel formwork system*

Project reference









Proejct in:

Saudi Arabia

Serbia

Bosnia and Herzegovina

Thailand

Ivory Coast







MASF

Heavy duty panel formwork

MASF *A Universal heavy-duty steel frame panel formwork*



MasF steel frame panel formwork system, crane dependent and is suitable for versatile concrete structures in residence and civil engineering, such as walls, columns, bridge piers, foundations,etc

The main components of formwork system are steel frame panels, connected by clamps, and form a set of formwork as a whole unit to meet construction requirements.

The formwork system has excellent effects in reducing labor costs, construction lead time thus improving construction efficiency.

In addition,the system can provide effective and safe construction solutions for building vertical concrete structures of various shapes.

Main features:

The system was designed to withstand high-strength concrete pressure.

Maximum concrete pressure:

3.3 m height: 80 kN/m ^{2}

2.7 m height: 74 kN/m ^{2}

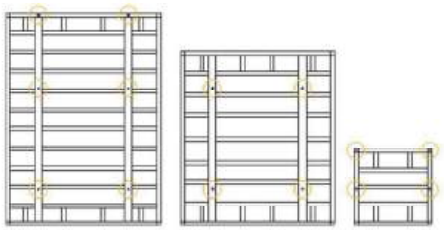
**Pouring height ≤ 3.3 meters: 2 rows of Push-pull shoring needed*

**Pouring height > 3.3 meters, 3 rows of Push-pull shoring needed*

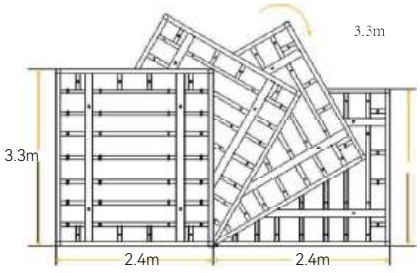
Product advantages:

The largest single panel is 3.3 × 2.4 m (7.92m ^{2}).

Heights range:3.3 meters, 2.7 meters, and 1.2 meters



Different panels are vertically connected to each other



The panel can be placed vertically or horizontally.

The panel is reinforced with 120mm-depth steel frame



Achive high performace concrete surface



MASF *A Universal heavy-duty steel frame panel formwork*

MasF steel frame panel formwork system has excellent versatility because its side holes enable it to quickly assemble various cross-sectional shapes, such as wall ends, wall corners, columns, etc., minimizing the use of formwork during construction.





Adjustable Strength clamp

The Formwork is connected by fixtures with pins, forming a large formwork unit.
Has three basic functions:

i. Connection
ii. Aligment
iii. Strengthen



Its safety function can easily fix the panel, And ensure that the product is always safe and reliable

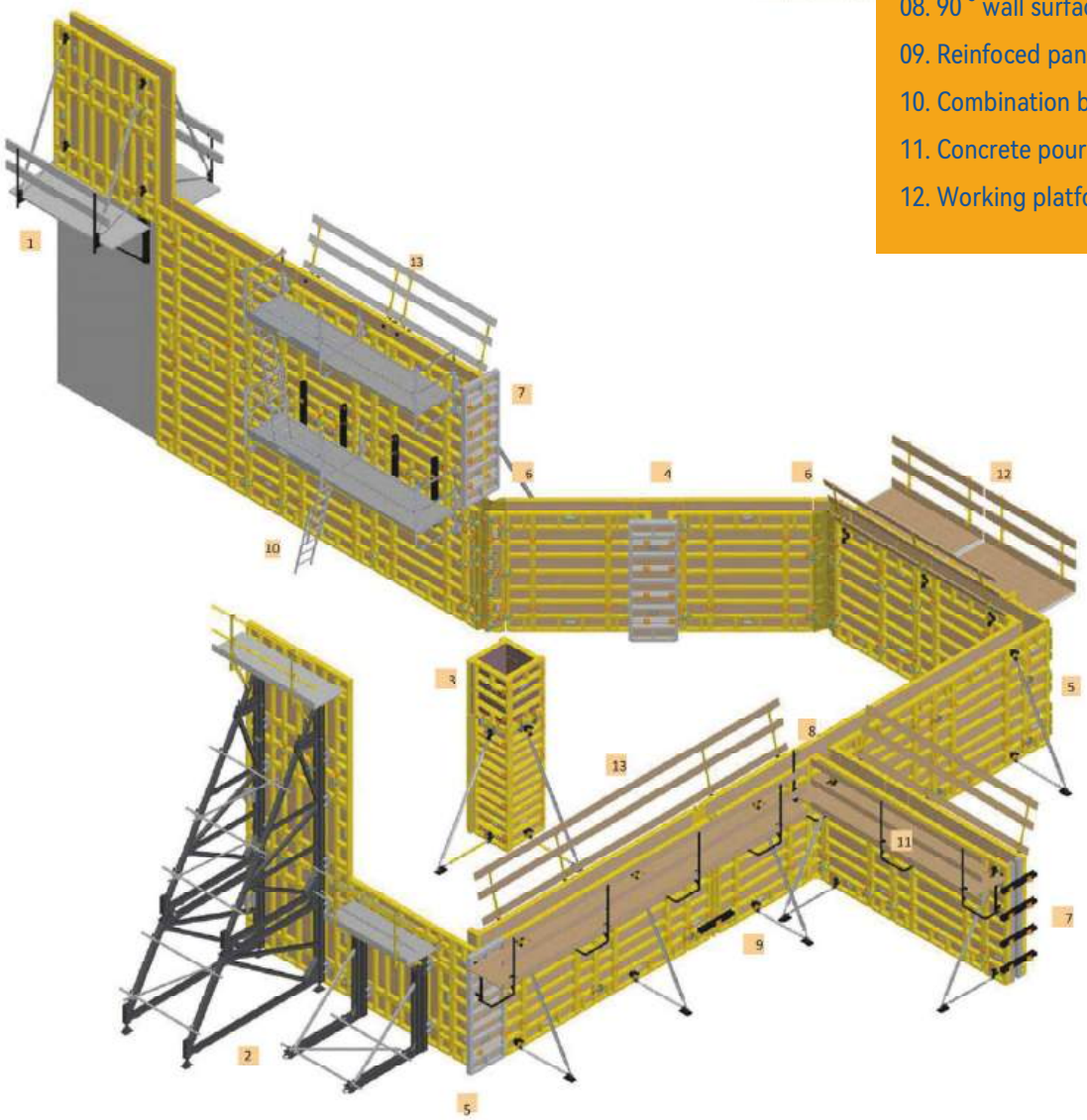


Adopting supplementary mold processing between two panel



Technical applications and solutions

01. Climbing system
02. Single side support
03. Square Columns
04. Wall Pillars
05. 90 ° angle
06. Non-90 ° angle
07. Wall Stop-end
08. 90 ° wall surfaces
09. Reinfoced panel
10. Combination bracket
11. Concrete pouring platform
12. Working platform





VARIA

Mutifunctional and flexible formwork

Vertical formwork

VARIA *A H20 beam based versatile formwork system*

Multifunctional and flexible for any vertical structure

VARIA vertical formwork system is suitable for municipal or civil engineering vertical formwork support systems for various structures, such as walls, columns, bridge piers, and bridge abutments. Its product features ensure construction efficiency and excellent concrete finish.



System advantages:

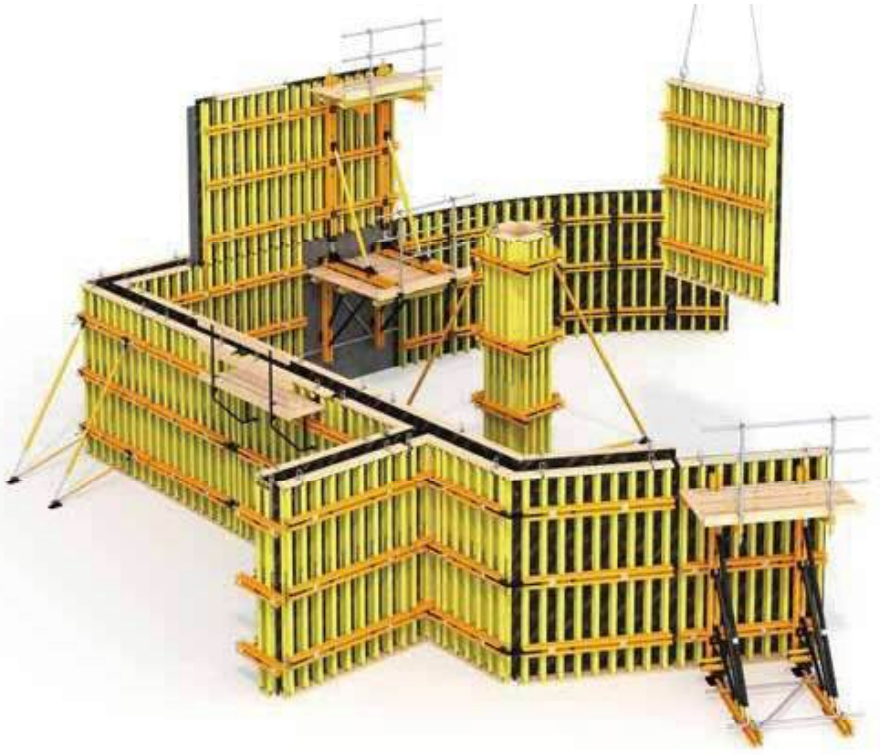
- Multifunctional and flexible system is suitable for any vertical structure.
- Arrangement is planed in advance via detailed construction drawings and manufacturing drawings to assurance for concrete pouring quality.
- Easy replacable plywood panels , provides excellent concrete pouring finishing also
- Use standard accessories for vertical formwork systems, such as tie-rod supports, push-pull shoring and climbing brackets.
- The steel walled and H20 beams are connected using simple and easy-operating connector
- Optimize formwork based on fresh concrete pressure.
- Safety elements are easily fastened to the panels. Safe use of the system is always guaranteed
- Sending the material disassembled to the jobsites means smaller transportation volume.



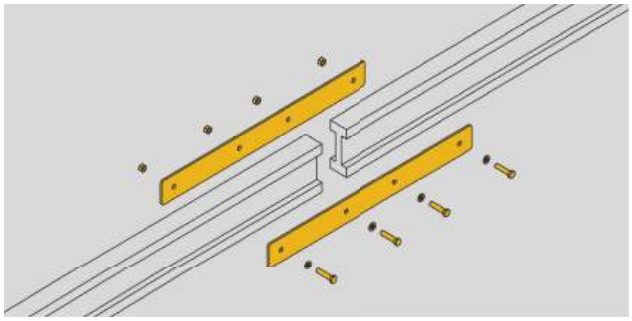
VARIA *A H20 beam based versatile formwork system*

Basic application

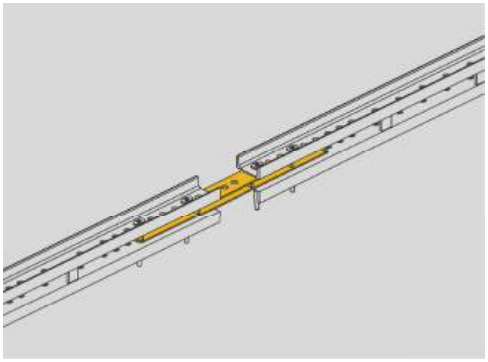
1. Climbing System
2. Single side formwork
3. Column
4. T-shaped walls
5. 90°Corner
6. Variable-angle corner
7. Wall end
8. Repair panel
9. Head of wooden beam
10. Platform plate bracket
11. Lifting
12. Spindle struct



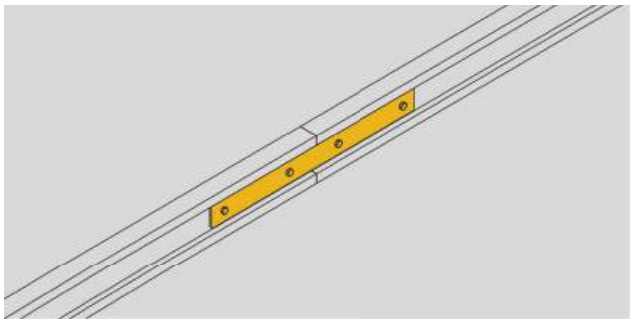
Joint specification



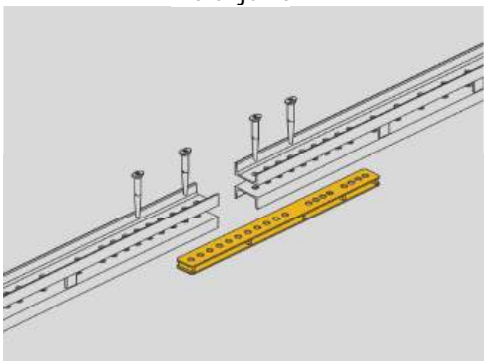
H20 beam joint

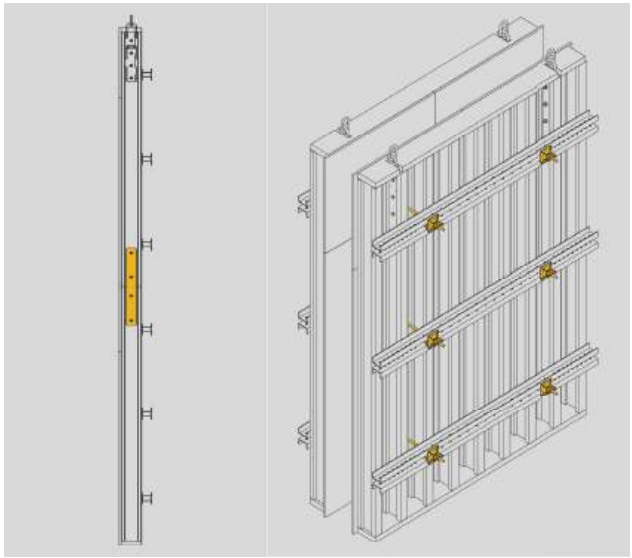


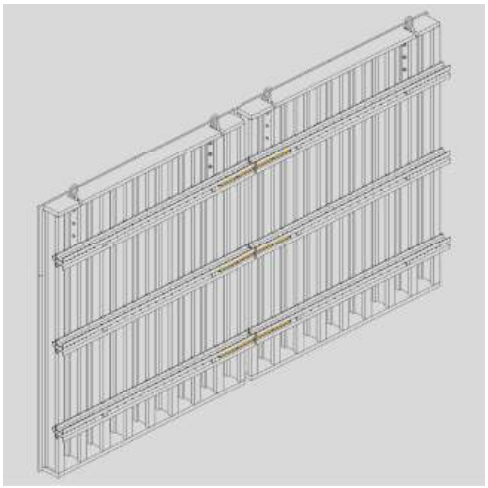
Waler joint



Tie rod- nuts





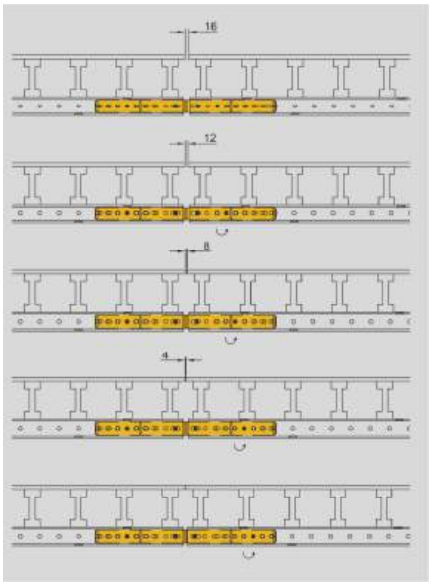


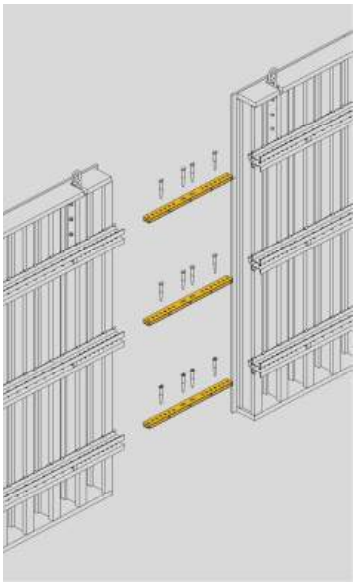
External corner

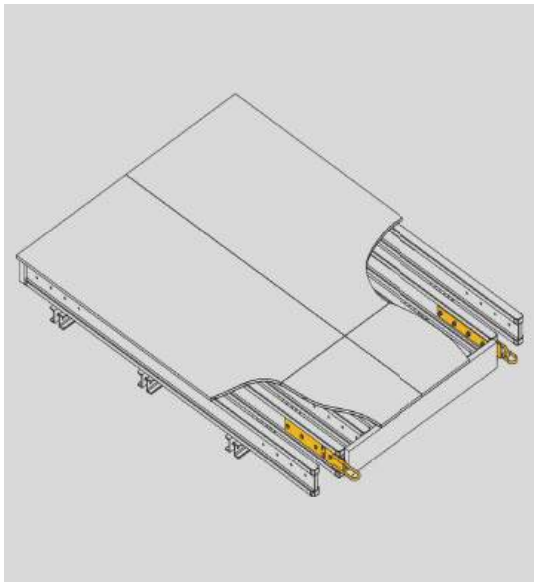




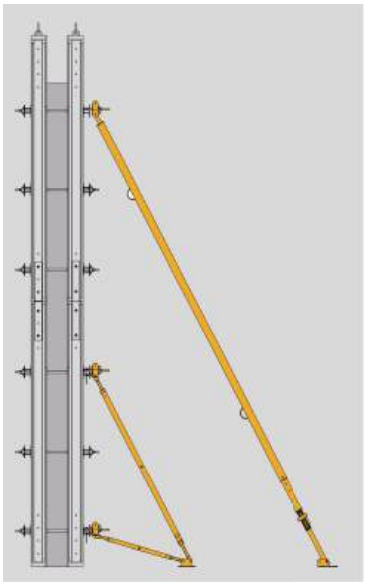
Accessories specification



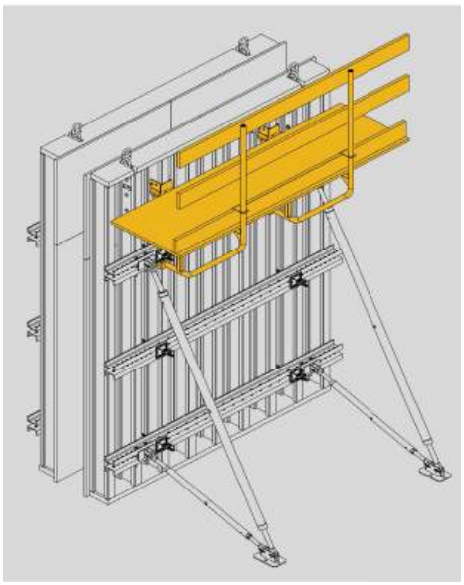


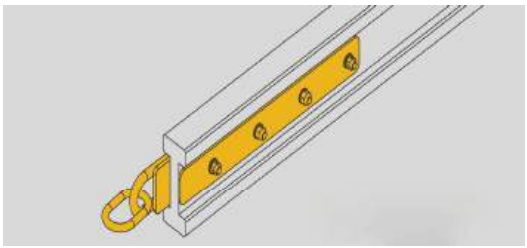


Unit joint

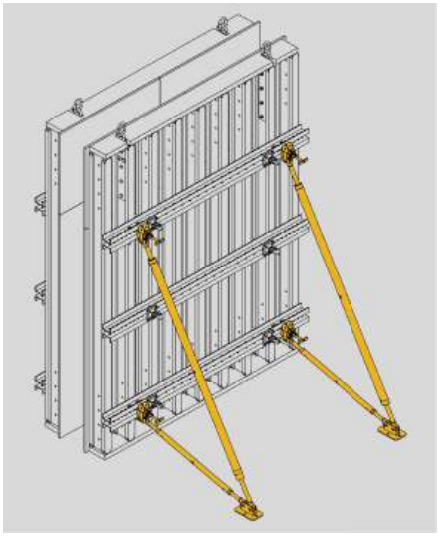


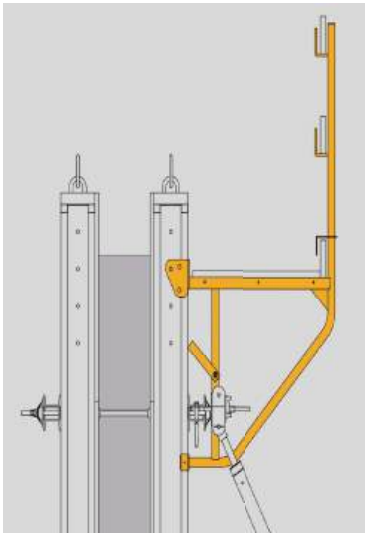
Push-pull jacks

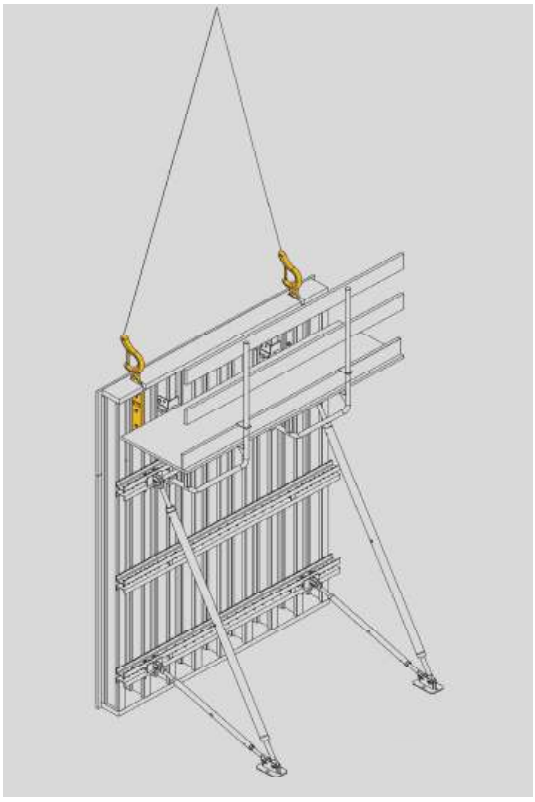




Lifting hooks









ALEKDECK

Light and modular slab panel formwork

Slab formwork

AlekDeck

A light and flexible aluminum frame panel slab formwork



AlekDeck is a light modular slab formwork system, provide the fastest construction cycling times with slab thicknesses up to 700mm. System is developed for easy assembly, transportation and maintenance, with the minimum types and weight of components.

Technical data:

- Max. panel weight : 29.5 kgs
- C-head weight: 2.1 kgs (general shoring head)
- D-head weight: 8.1 kgs (drophead)
- Max. slab tickness: 700mm
- Max. Panel size: 1800 x 900 mm
- Shuttering thickness: 9mm



1800 X 900 mm

29.5 kgs

AlekDeck

A light and flexible aluminum frame panel slab formwork





Speed up the construction workflow with a light and modular panel formwork with drophead and flexible deck beams

Lightweight

Aluminum panel frame, D-head, as well as aluminum muti-purpose shoring, provide minimum components weight thus decrease workers' headset loads.

Minimum components

Minimum components types and sizes, filler beams flexible, allow single-person handling and assembly of about 40 m^2 per worker-hour.

Speed up workflow

One D-heads secures up to four panel corners at once, preventing movement and grout loss at joints, drophead with beams to shorten cycling constrtuction times for each floor

Slab Capacity

Standard capacity reaches 700 mm, extendable to 900 mm locally with additional props and plywood.

Light

Modular

Efficient

Durable

AlekDeck

A light and flexible aluminum frame panel slab formwork

Connection features



C-head



- One head secures up to four panel corners at once
- Preventing movement and grout loss at joints
- Alumilum heads provide minimum weight



D-Head with deck beam

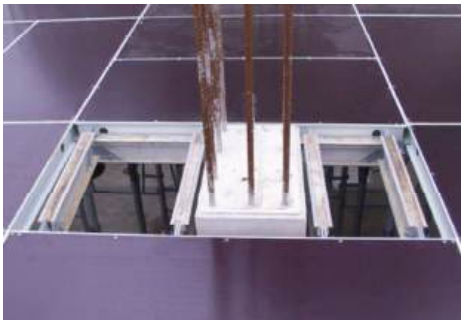




- Boost construction workflow by early striping
- Increase assebly speed with deck beam



Filler beams



- Easily fill gap toward column and wall
- Shift main and secondary beams flexiblly



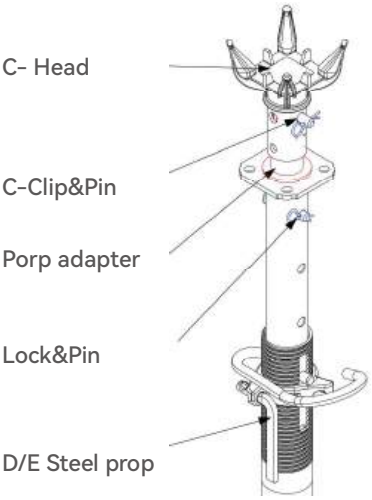
Shoring solution

Spacing truss with steeel props

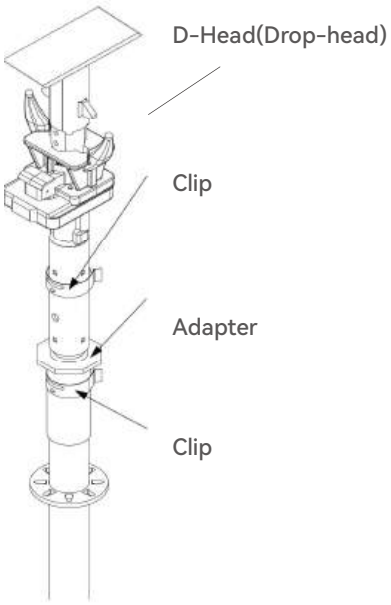




C-head solution



D-head solution (Earlystrip)



Ringlock scaffolding





● Suggested when floor height above 4500mm

AlekDeck

A light and flexible aluminum frame panel slab formwork

Project reference



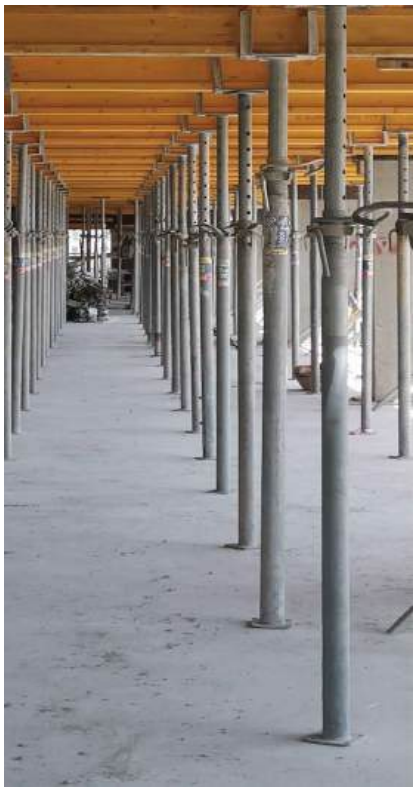








Heavy Duty Prop EN-D



Technical Specifications

Main Material: STEEL (S355)

ITEM	Length Min.	Length Max.	Weight	Load Min.	Load Max.
Unit:	mm	mm	kgs	kN	kN
ED 450	2500	4500	26.5	20	35
ED 400	2250	4000	24.2	20	35
ED 350	1965	3500	20.8	20	35
ED 300	1710	3000	18.5	20	35
ED 250	1450	2500	16.4	20	35

Multi-purpose Prop



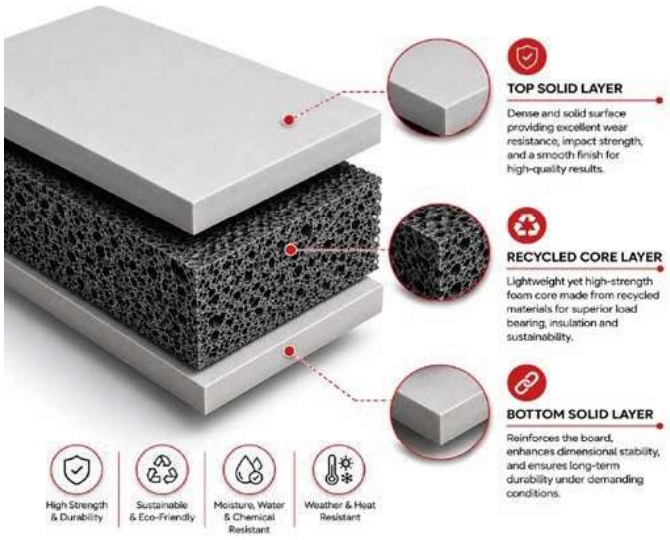
Technical Specifications

Main Material: Aluminium alloy (6061-T6)

ITEM	Length Min.	Length Max.	Weight	Load Min.	Load Max.
Unit:	mm	mm	kgs	kN	kN
MP 625	4300	6250	30.2	20	56
MP 480	2600	4800	23.8	25	85
MP 350	1950	3500	18.7	42	88
MP 250	1450	2500	15	60	70
MP 120	800	1200	9.5	70	90

COEX *Co-extrusion durable pvc board*

COEX is a 3-layer polymer composite panel with solid plastic skins bonded to a foamed recycled-plastic core. Its sandwich build delivers dimensional accuracy and a durable working face for high-cycle concrete formwork.



PERFORMANCE

Engineered for repeated casting cycles, with up to 100 reuses in framed panel systems and up to 50 in traditional formwork, subject to handling. Fire-retardant Grade A, water-resistant with absorption below 0.09%, and termite-proof.



SUSTAINABILITY

Built with up to 50% recycled polymer content. Each PVC-C panel replaces many single-use plywood sheets, reducing site waste, cutting demand for virgin timber and lowering embodied carbon in repetitive concrete works.



SURFACE

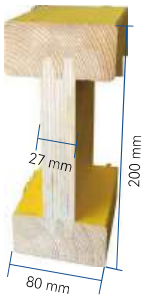
The integral plastic skin pours a uniform, mirror-grade concrete finish with minimal post-treatment. Non-absorbent and easy to clean, the face releases cleanly with no release agent required in standard pouring conditions.

Standard Components

H20

A EN13377 norms H timber beam





Product Feature:

Flange: Metsä Spruce solid wood

Web: 27mm Spruce or plywood

Weight/lm : 4.6 (+/- 0.1) kgs

Shearing force Q: 11 kN

Bending moment: M-5kNm

Weather resistant coating

Polyurethane adhesive,grade D4

Plastic full end covering caps

Standard Length: 5900/ 4900/ 4500 / 3900 / 3600 / / 3300/ 2900/ 2650/ 2450/ 1950 mm

Dimensions & Tolerances

Dimensions	H20	Tolerances
Beam height *mm	200	+/- 2mm
Flang height *mm	40	-1.5%
Flang width *mm	80	-1.5%
Web-thickness *mm	27	+/- 0.5mm

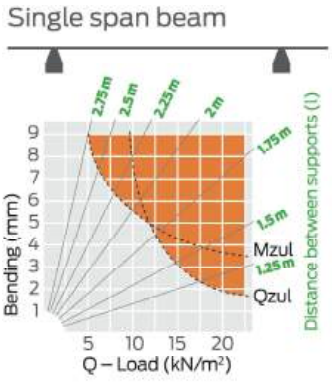
Technical Specifications

Specification	Value
Permissible modulus *kNm	5
Permissible shearing force Q *kN	11
Section modulus Wx *cm^3	461
Geometrical moment of inertia Ix *cm^4	4613

*The values of the section modulus and the geometrical moment of inertia apply to new or used concrete formwork beams. An analogously increased factor of safety needs to be added for severely worn beams.

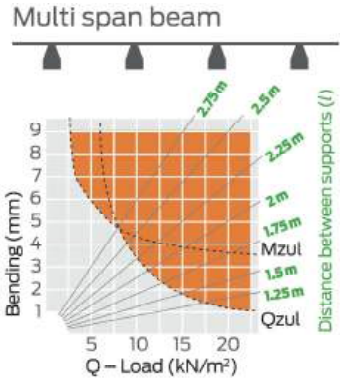


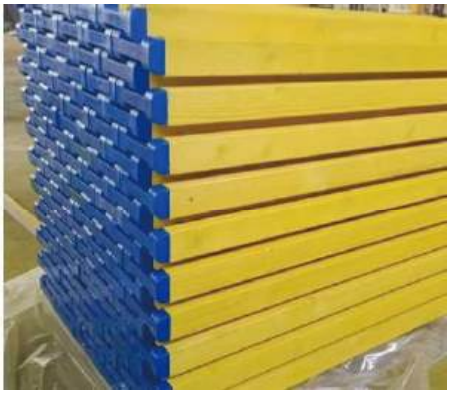
















SPSA

Self-climbing facade pretection

SPSA *A Hydraulic self-climbing proteciton screen system*

Safe selection for high-rise buildings and skyscrapers

SPSA hydraulic climbing frame is suitable for construction facade protection of high-rise building thus skyscrapers projects, replacing traditional scaffolding. It is suitable for various external structures protection.



System key parts:

*Anchor system

*Hydraulic power system

*Main frame system

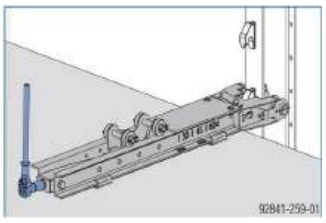
*Platform and protection system



Bearing bolt



Guiding boot



Adjustable support

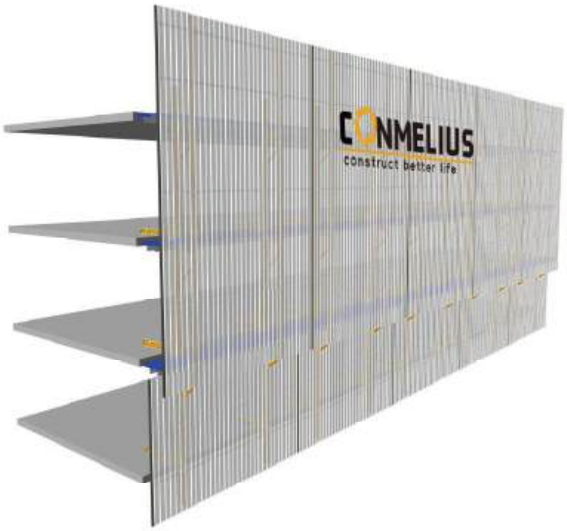
Main performance parameters :

Maintenance layer:	Covering no more than 5 standard layers
Main frame height:	13.5m~19.6m
Frame width:	0.7m
Distance from wall:	0.28m
Distance between anchor positions:	maximum4.8m
Rated live load:	Allowable live load of the operating platform max. 3kN/m2
Guiding boot bearing capacity:	maximum vertical 60kN, maximum horizontal 60kN
Maximum allowable wind speed for climbing:	72km/h
Climbing speed:	0.33m/minute
Self weight of frame:	with a maximum width of 4.8m, the affected width is 1.5 tons per bracket



SPSA A Hydraulic self-climbing proteciton screen system

Components List











1.Guiderail

2. hydraulic jack

3. Guiding boots

4. Guide's Z type supports

5. Slant support connecting plate

6. Bottom connecting plate

7. Flower basket screw

8. Supplerment plates

9. Walkway board crossbar

10. Walkway board

11. Screen frame

12. End screen frame

13. End crossbar

14. Z-shaped pillar support

15. Column docking core

16. 5.0m Vertical pole

17. 3.6m Vertical pole

18. Crossbar

19. Bottom diagonal brace



SPSA *A Hydraulic self-climbing proteciton screen system*

Project reference

















RINGLOCK

Versatile scaffolding system

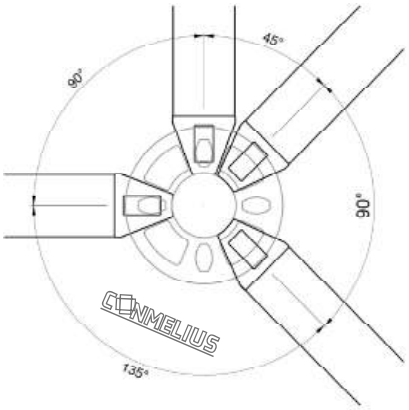
RINGLOCK *An extensive range of scaffolding system*

Functional design with simplicity of connection

Ringlock system has been designed and developed to meet the requirements of Civil Engineer and Residential project, advantages include:

- *Efficiency of assembly*
- *Low maintenance required to keep in top working condition*
- *Versatility of application*
- *Simplicity of components and their connection*
- *Galvanized components improve corrosion resistance*
- *No special tools required for assembly (hammer and spirit level only)*







Basic Components

- Base Jack
- Base Coller
- Vertical Standard
- Diagonal Brace
- Horizental Ledger
- Fork-head Jack
- U-head Jack
- Plank
- Ladder
- Toe Board





Features



VERSATILE USE

With the flexibility to connect at eight positions around the rosette on the Vertical post, **Ringlock** can be used to go around curved or angled structures

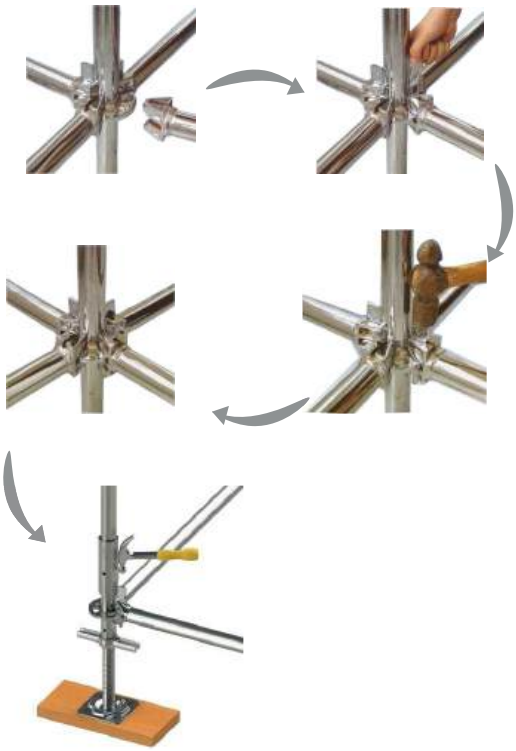
EASY TO ERECT

The Vertical features robust rosettes onto which all horizontal and diagonal components attach. The simple connection between components ensures ease of erection and dismantling. No additional loose parts are required to join components in the system.



PROVEN DESIGN WITH SAFETY ACCESSORIES

The **Ringlock** system has a proven performance history on an extensive number of sites, meeting the requirements of the various statutory bodies. A full range of accessories is available to cater for safety requirements such as guardrails, catwalk, ladder access, staircase access and components to provide overhead protection.





RINGLOCK *An extensive range of scaffolding system*

Features

Heavy Duty Capacity

RingLock scaffolding systm, it has been widely used in many civil engineering projects, such as High-Speed railway, express way, elevated railway, subway, factories, Logistic center and music concert, and event application etc.







Access Tower

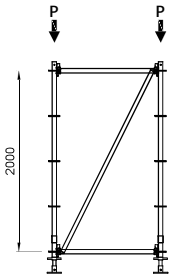
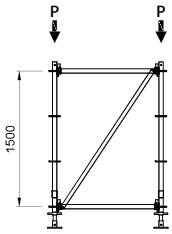
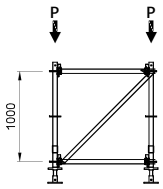
Fewer materials and tool need to set up access towers.
Workers can supply the scaffolding platform faster and get to work faster with less downtime.
Offering guailrails to ensure sufficint safty

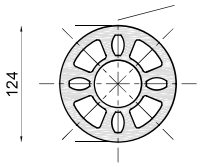




Technical specification (Ø48 Vertical Standard)

VERTICAL COMPRESSIVE CAPACITY

MATERIAL	CHS Ø48.3 X 3.25t Grade Q355B		
EFFECTIVE LENGTH			
ULS COMPRESSION RESISTANCE, Pc	51 kN / LEG	81 kN / LEG	117 kN / LEG
SAFETY WORKING LOAD, P	30 kN / LEG	50 kN / LEG	70 kN / LEG
FACTOR OF SAFETY	1.65		

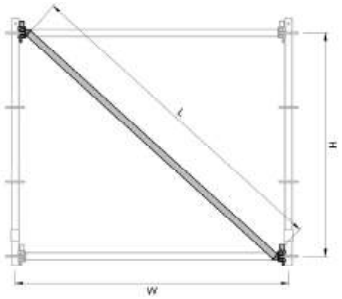


Safety Working Load: 30 to 70 kN per leg
F.O.S. = 1.65 (Refer above chart)

**Depends on different horizontal member's vertical spacing.*



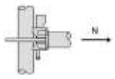
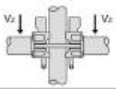
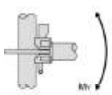
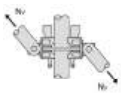
Material : CHS Ø48.3 x 2.75t Grade Q235B



Material : CHS Ø42.2 x 2.75t Grade Q235B

* Ringlock spigot should be used for connection points between vertical components.

Node load capacity

NORMAL FORCE	Permissible N = ± 31.80 kN (Breaking load as 63.60 kN)	
VERTICAL SHEAR FORCE	Permissible Qv = + 16.92 kN (Breaking load as 33.84 kN)	
HORIZONTAL SHEAR FORCE	Permissible Qh = ± 8.425 kN (Breaking load as 16.85 kN)	
CONNECTION MOMENT	Acting on the Ringlock Junctions Permissible M = ± 0.91 kNm. (Max. design testing load 1.82 kNm)	
AXIAL FORCE, DIAGONAL BRACE	Permissible D = ± 15.75 kN (Breaking Load as 31.50 kN)	

**HOKLAS testing*







Application project case

Civil Engineering projects









Residential projects





RINGLOCK *An extensive range of scaffolding system*

Components List

Name	48 system (mm)	60 system (mm)	Length (mm)	Picture
Base Collar Q355B	φ48.3*3.25	φ60.3*3.25	200	
Standard Q355B	φ48.3*3.25	φ60.3*3.25	1000	
	φ48.3*3.25	φ60.3*3.25	1500	
	φ48.3*3.25	φ60.3*3.25	2000	
	φ48.3*3.25	φ60.3*3.25	2500	
	φ48.3*3.25	φ60.3*3.25	3000	
Ledger Q235B	φ48.3*2.75	φ48.3*2.75	600	
	φ48.3*2.75	φ48.3*2.75	900	
	φ48.3*2.75	φ48.3*2.75	1200	
	φ48.3*2.75	φ48.3*2.75	1500	
	φ48.3*2.75	φ48.3*2.75	1800	
	φ48.3*2.75	φ48.3*2.75	2100	
Diagonal Brace Q195B or Q235B	φ42.2*2.75	φ48.3*2.75	600*1500	
	φ42.2*2.75	φ48.3*2.75	900*1500	
	φ42.2*2.75	φ48.3*2.75	1200*1500	
	φ42.2*2.75	φ48.3*2.75	1500*1500	
	φ42.2*2.75	φ48.3*2.75	1800*1500	
	φ42.2*2.75	φ48.3*2.75	2100*1500	

Name	48 system (mm)	60 system (mm)	Length (mm)	Picture
Base Jack Q235B	φ38*5	φ48*5	500、600	
U-head Jack Q235B	φ38*5	φ48*5	500、600	
Adjustable Standard Q355B	φ48.3*3.25	φ60.3*3.25	250	
	φ48.3*3.25	φ60.3*3.25	500	

Metal Plank

Support	Width x Height (mm)	Thickness (mm)	Length (mm)	Picture
Common support / Box support / Ladder support	210*45	1.0/1.1/1.2/1.5/1.8/2.0	1000-4000	
	225*36			
	240*45			
	250*50			
	300*50			

Steel Catwalk

Support	Width x Height (mm)	Thickness (mm)	Length (mm)	Hook (mm)	Picture
Common support / Box support / Ladder support	210*45	1.0/1.1/1.2/1.5/1.8/2.0	600-2400	44/50	
	240*45				
	250*50				
	300*50				
	420*45				
	480*45				
	500*50				

Staircase

Hook(mm)	Size(mm)	Picture
44 / 50	450*1829*1725*2515	
	450*1829*1955*2677	
	450*1800*1500*2344	
	450*1800*2000*2691	
	730*1800*2000*2671	
	730*2000*2000*2629	

Steel Toe Board

Name	Size(mm)	Length (mm)	Picture
Common support	210*45*(1.0 / 1.1)	600-2400	

Triangle Board Side Bracket

Name	Size(mm)	Weight(kg)	Picuture
Triangle Board Side Bracket	350*400	5.44	
	600*400	6.91	
	880*400	8.6	
	1065*400	9.71	
	1150*400	10.23	

Intermediate Transom

Name	Size(mm)	Length(mm)	Picture
Intermediate Transom	48.3*2.75/3.25	900	
		1200	
		1500	

Ladder beam

Name	Size(mm)	Width *Length (mm)	Picture
Ladder beam	48.3*2.75/3.25	300*3000	
		300*4000	
		300*5000	

Lattice girder

Name	Size(mm)	Width *Length (mm)	Picuture
Lattice girder	48.3*2.75/3.25	500*2130	
		500*2570	
		500*3050	

Truss ledger

Name	Size(mm)	Length (mm)	Picuture
Truss ledger	48.3*2.75/3.25	1570	
		2130	
		3050	







HS60

Heavy duty shoring system

HS60

A multifunctional heavy duty shoring system

Proved high efficient and heavy duty shoring system

HS60 is a type of frame based shoring tower system, which is composed of a main frame and diagonal braces, mainly used for formwork support in civil engineering construction projects



Key Features

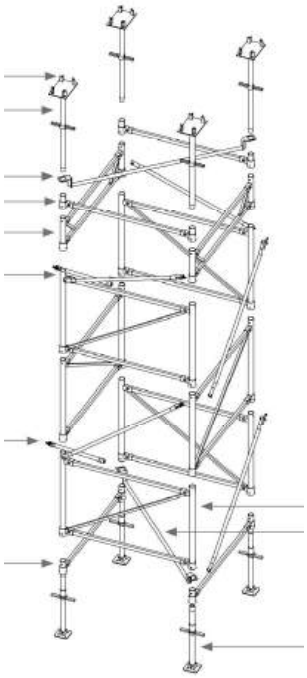
- High loading capacity shoring - *Working load per leg up to 70 kN depending on configurations and tower height*
- Easy handled - *Easy handled with minimized components type and connectiion parts*
- Arranged by crane - *Tower unit can be moved by crane or forklift*
- Sturdy and durable - *Hot-dip galvanized surface treatment components*
- Multiple purpose - *Different tower types for differenct purpose: independent tower, reinforced tower, and connected tower.*
- Various shoring height - *Various shoring heights easiliy reached by adjustable base, adjustable top pole, and 35cm frame to form towers*
- Safe working plateform - *Safe working , corresponding work platform planks and ladders can be appyied during installating.*

LRQA CERTIFIED ISO 3834



Main Components

- Bottom Screw Jack
- Frame Spacer
- Horizontal Brace
- Frame 1 m
- Vertical Brace 1 m
- Frame 0.35 m
- Vertical Brace 0.35 m
- Top Screw Jack
- Head



HS60

A multifunctional heavy duty shoring system

Technical details

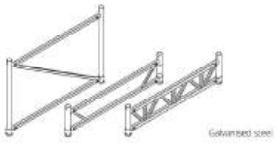
- Shoring towers consisting of frames and vertical braces.
- Working load per leg up to 70 kN, refer EN 12812.

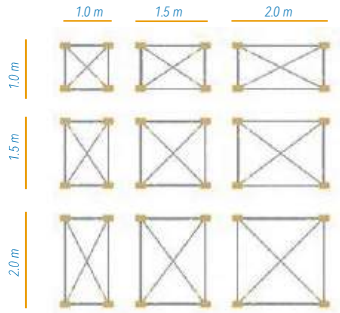
  **depending on configurations and tower height.*

  **Standard heights up to 12 m, special up to 20 m.*



- Module sizes of towers: 1 m; 1.5 m; 2 m.
- Frames: 1 m high.
- Adjustment: with spindles and 35 cm frame



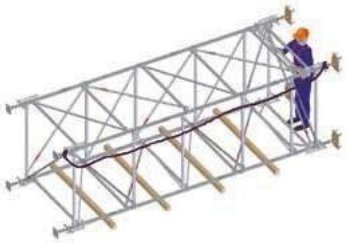


Erection ways



- Erection of vertical towers with platforms and ladders



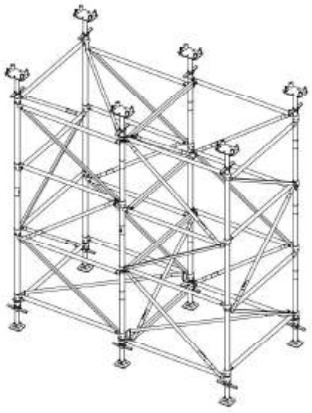


- Horizontal assembly of towers and subsequent erecting with crane

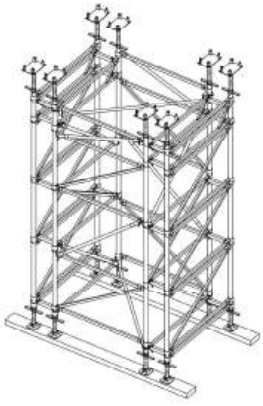
Configuration types



- Indevidual tower



- linked tower



- Reinforced tower

HS60 *A multifunctional heavy duty shoring system*

Application Project Cases

Civil Engineering projects









Residential projects





HS60 A multifunctional heavy duty shoring system

Components list

Frames and Brace	KG
Frame 1x1	18.1
Frame 1.5x1	21.3
Frame 2x1	24.5
Frame 0.35x1	11.0
Frame 1.5x0.35	13.6
Frame 2x0.35	16.2
Header frame 1x0.35	14.7
Header frame 1.5x0.35	20.2
Header frame 1x0.35	25.6

Frame spacer 1x0.1	4.9
Frame spacer 1.5x0.1	6.2
Frame spacer 2x0.1	7.5

Vertical brace 1x1	3.0
Vertical brace 1.5x1	3.8
Vertical brace 2x1	4.5
Vertical brace 1x0.35	2.2
Vertical brace 1.5x0.35	3.1
Vertical brace 2x0.35	4.0
Horizontal brace 1x1	3.7
Horizontal brace 1x1.5	4.4
Horizontal brace 1x2	5.2
Horizontal brace 1.5x2	5.7
Horizontal brace 1.5x1.5	5.0
Horizontal brace 2x2	6.3

Safety frame spacer 1 m	9.6
Safety frame spacer 1.5 m	11.8

Jacks and Heads	KG
Bottom screw jack 0.8	8.3
Bottom screw jack 1.05	9.7
Top screw jack 1.05	7.5
Top screw jack 0.8	6.0
Base plate 0.1	1.7
T-60 load centering end	0.68
Two-way U-head VM-DU	3.5
Double head VM20	4.8
Two-way U-head BTM	5.2
Top plate	4.7
Pivot U-head	5.5

Bracing Accessories	KG
Right angle coupler 48/60	1.4
Swivel coupler 48/60	1.9
Right angle coupler 48/48	1.2
Swivel coupler 48/48	1.3
Tube 48/ 0.5 to 6 m	

NOTES

CONMELIUS

construct better life

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