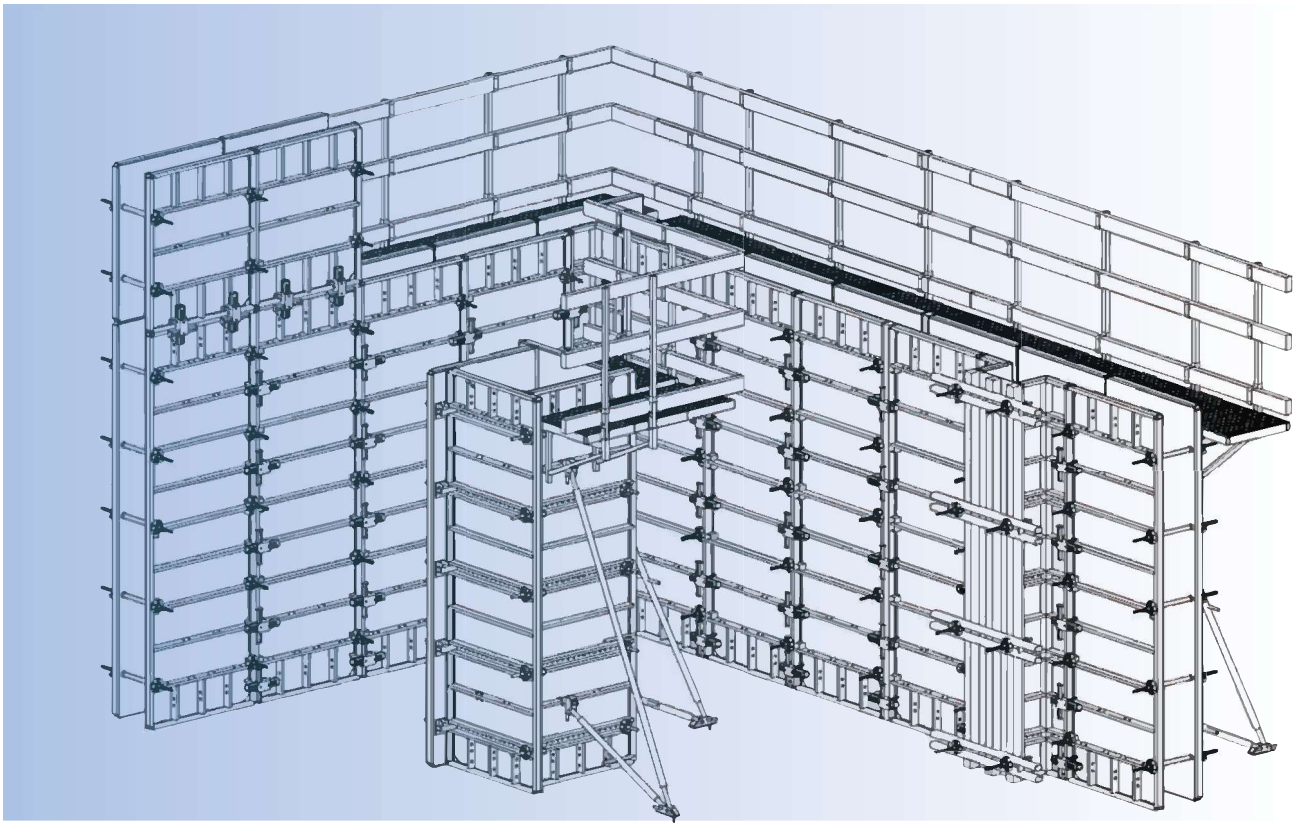
CONMELIUS
construct better life

UVSK Formwork

Mutipurpose panel formwork



Formwork and Scaffolding

CONMELIUS
construct better life

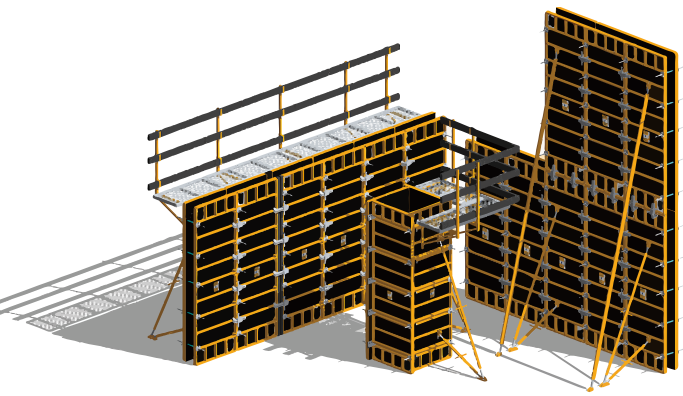


UVSK

Multifunctional panel formwork

Vertical formwork

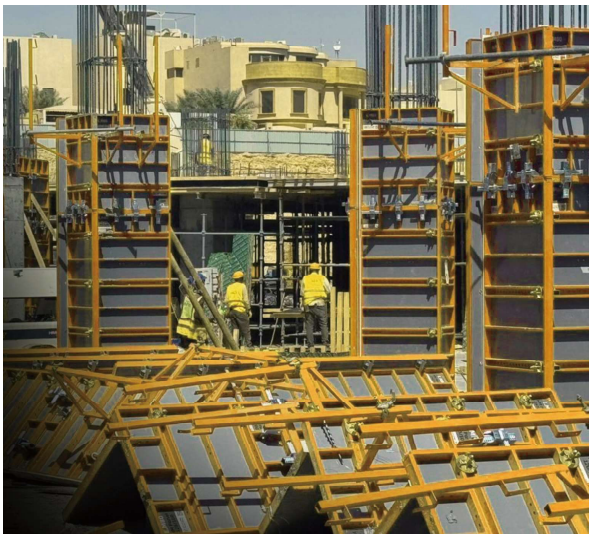
UVSK *A mutipurpose steel frame panel formwork system*



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.

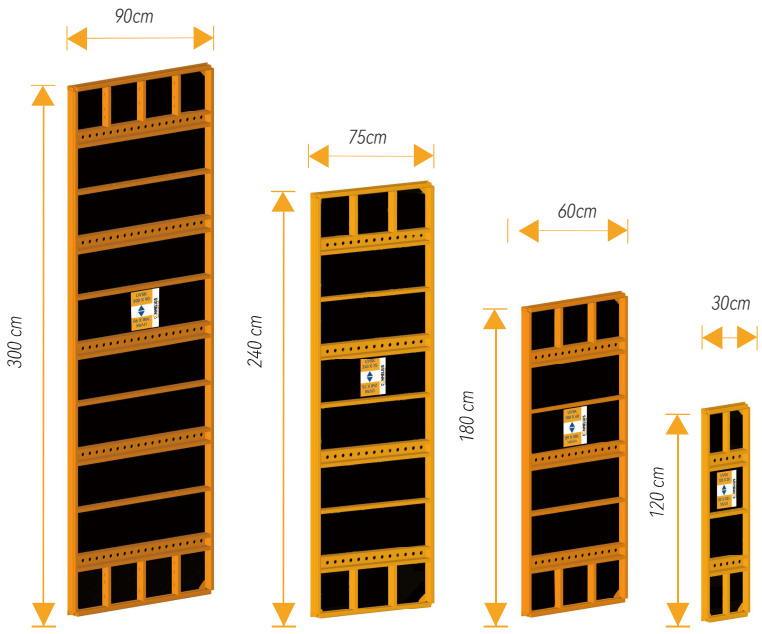
Main features:

- 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



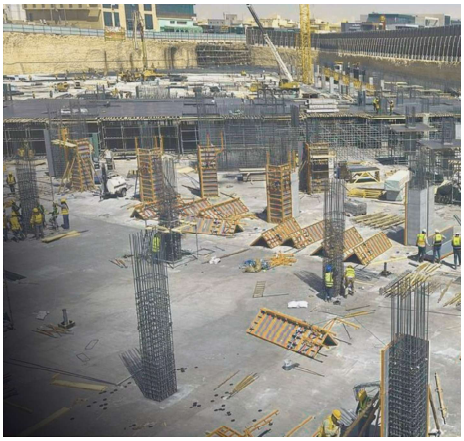
Dimension Matrix：

		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.

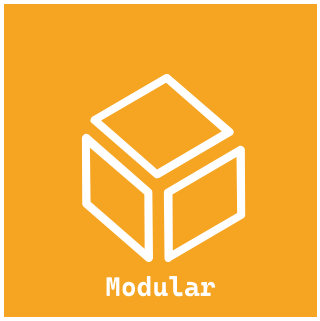
Speed up workflow

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.





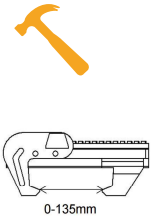




UVSK *A mutipurpose steel frame panel formwork system*

Connection features

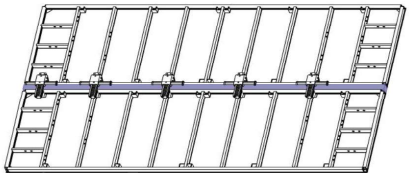


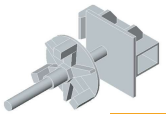


UV clamp

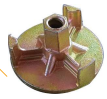
- Easily and robust tighted by hammer
- Butt joint and aligning panel flateness
- Multi-purpose panels connection, timber compensations
- Extensions range up to 135mm





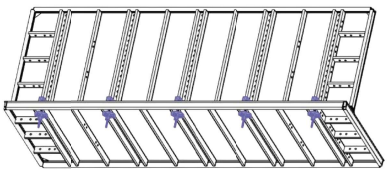


External clamp

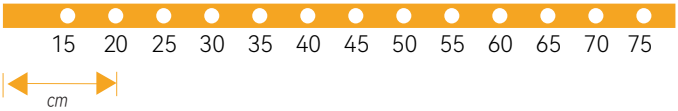


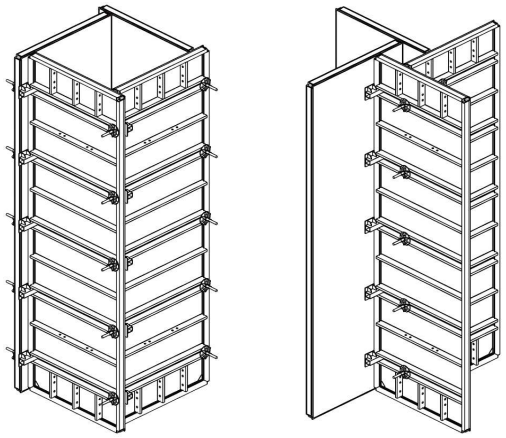
Dia: 17/15 mm

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



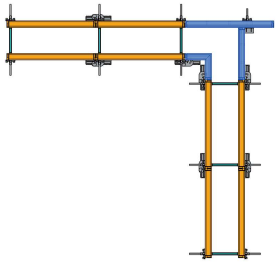
Column size adjustment

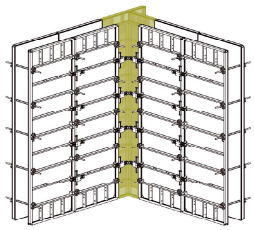




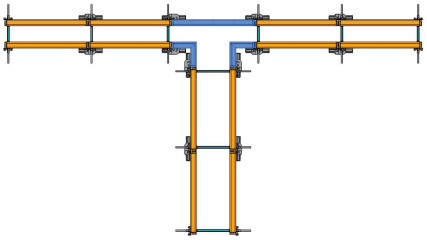
Joint solution

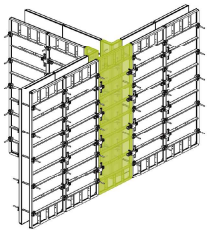
Corner 90°



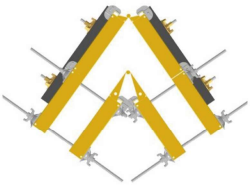


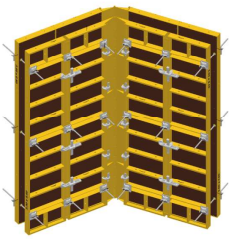
T Wall





Corner non-90°





Accessoires

Lifting Shackle

For panel lifting



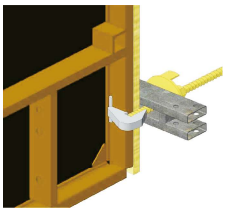
Platform bracket

For working platform



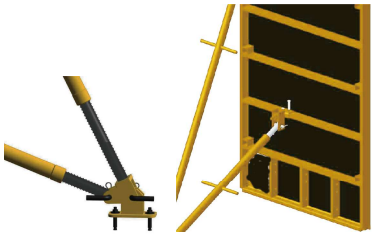
Bulkhead clamp

For wall stop end



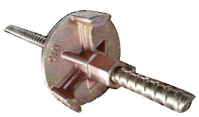
Push-Pull prop kits

For anchoring and vertical adjustment



Tie kits

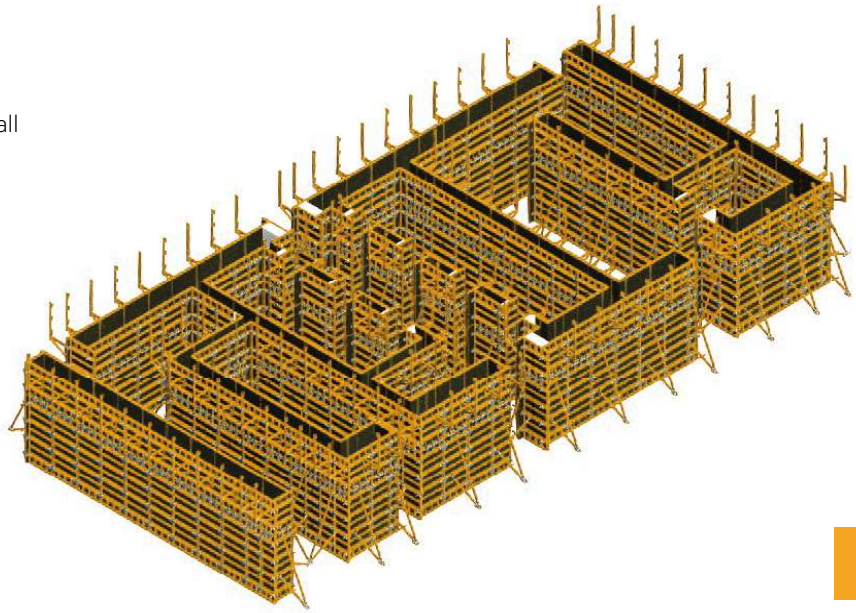
Tie rod and plate nuts



Water-stop nut

For water-stop wall





Project reference









Proejct in:

Saudi Arabia

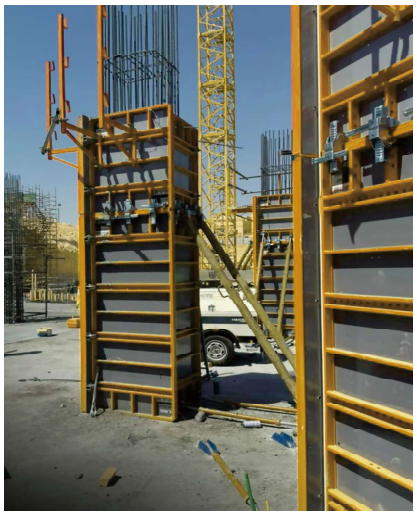
Serbia

Bosnia and Herzegovina

Thailand

Ivory Coast





CONMELIUS

construct better life

CONMELIUS (Suzhou) Technology Ltd.

www.conmelius.com

Add: No. 1500, Donghuan Road, Suzhou Industrial Park, Jiangsu, China

Email: info@conmelius.com

Phone: +86 186 1671 0921