

# Modular formwork

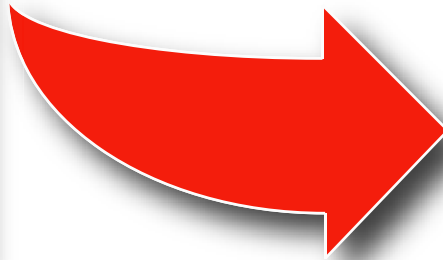
**handier  
light weight  
enviroment friendly  
average low cost  
reusable  
working fast**

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**handier**

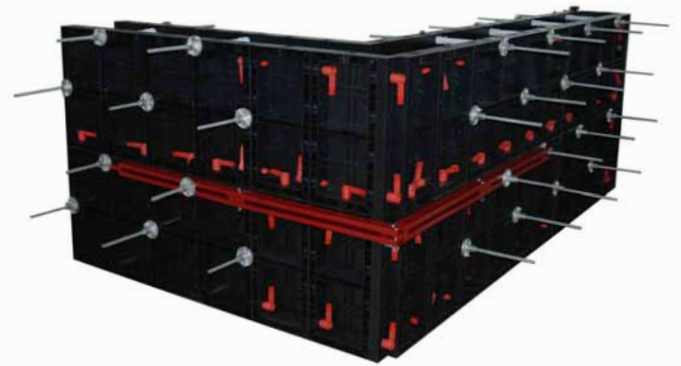


The biggest panel is 120x60cm, weight only 10kg, which can be lift and set up by only one person easily, need no crane on the site.

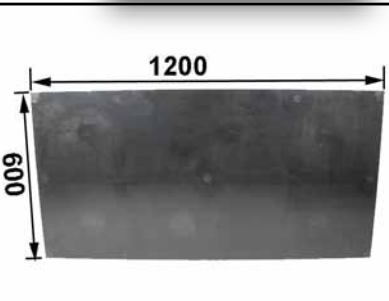


**easy set up**

Different size of panels can be firmly locked by simply turn the special handles to 90 degree. The panels have rib on the back, which makes the system need not traditional wood blocks and nails. The panels have holes to fit tie rod, guarantee the strength of the whole system.

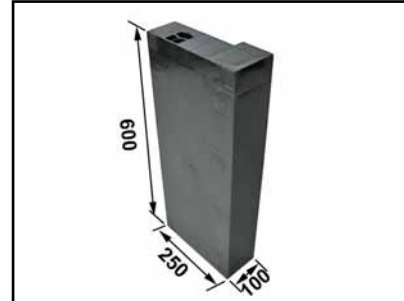


**modular**

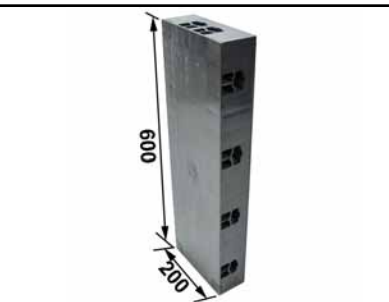


120x60 panel (act size 120x60cm)  
weight 10kg

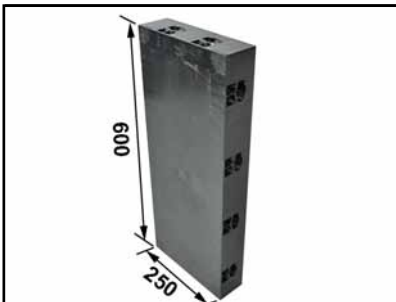
Modular formwork composed by different size of panels, the main item is 120x60 panel, the size is 120x60cm, which used for the large area of walls and slabs. There are also small size of panels like 20x60 panel (20x60cm), 30x60 panel (30x60cm) 25x60 panel (25x60cm), inner corner (25x10x60cm) and outer corner (25x60cm). Due to the variety of panel size, the system can form almost all size walls interval by 5cm. (more panel size please refer to our price list or web site.)



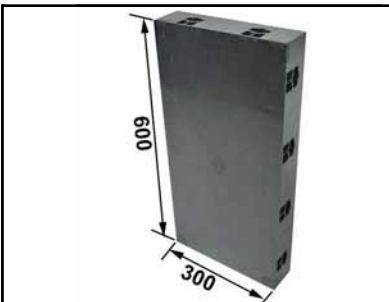
inner corner (act size 25x10x60cm)  
weight 2.76kg



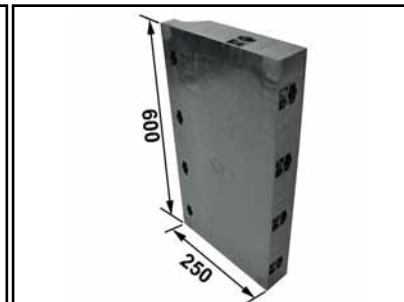
20x60 panel (act size 20x60cm)  
weight 1.96kg



25x60 panel (act size 25x60cm)  
weight 2.16kg



30x60 panel (act size 30x60cm)  
weight 2.44kg



ourer corner (act size 25x60cm)  
weight 2.75kg

## strength

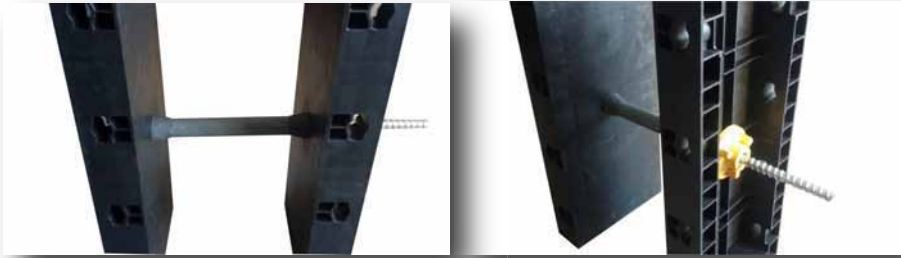


The material of modular formwork is ABS (Acrylonitrile-butadiene-styrene) which enable panels to hold high pressures. The handles are made by high strength Nylon, each panel locked by at least 4 handles, which makes the whole system strong enough to pour 40cm more thickness walls.



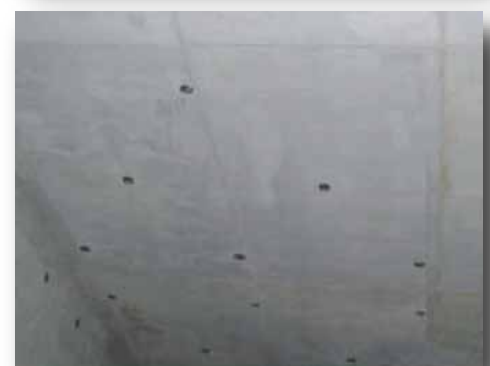
## environment friendly

The system need not cut and nail due to the variety size, and nearly need no wood, the material can be 100% recycled when used out, so not pollute the environment.



## consequent

Concrete does not stick to plastic, thus the panels need no oil before using, and can be cleaned simply by water. The surface of the wall which built by BOFU modular formwork is smooth and can be left without rework.





## walls and corners



Using modular formwork, it is possible to pour up to 40cm thick and 3 meters high straight walls one time. Combining with special corners and compensation panels, right angle walls, three way T-walls and four way cross walls can be formed easily. The low weight and modularity of modular formwork makes it ideal for fence walls as it is possible to move large gangforms by hand.

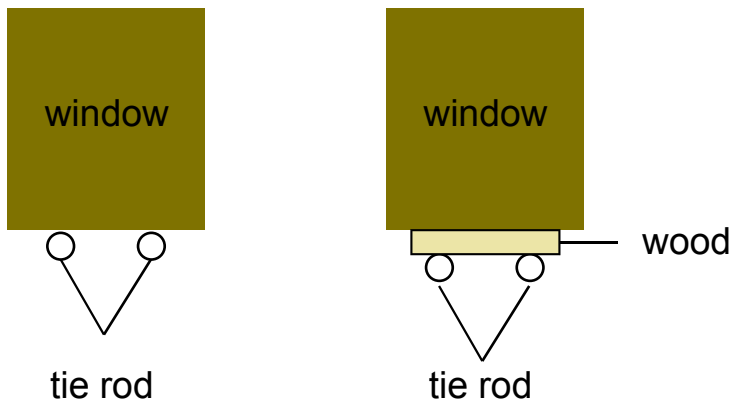
## basins and elevator shafts

The low weight of BOFU modular formwork simplifies the pouring of tanks, basins and swimming pools in areas with limited or no access to heavy equipment. Modular formwork also ideal for elevator shafts as it can be used without aid of crane, can be made easily, fast and precisely by hand.

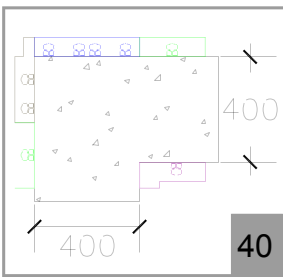
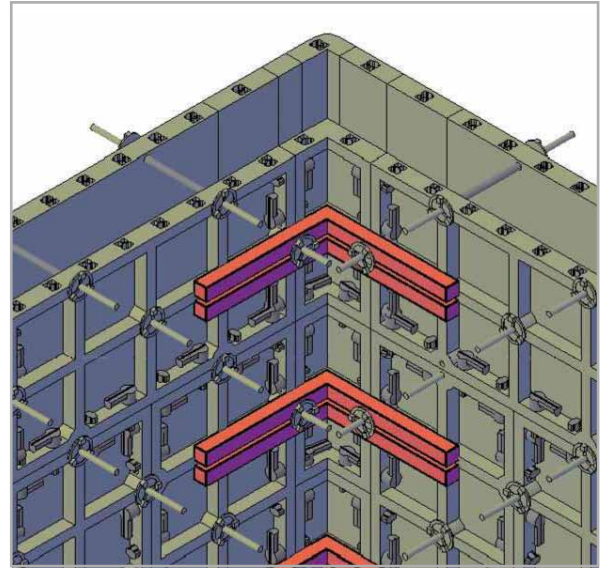
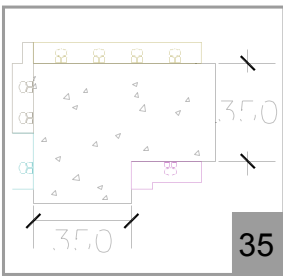
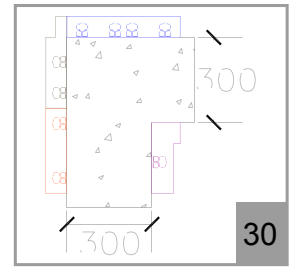
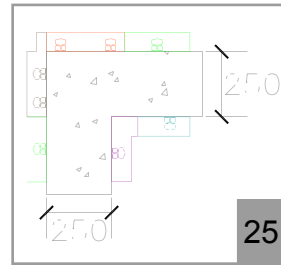
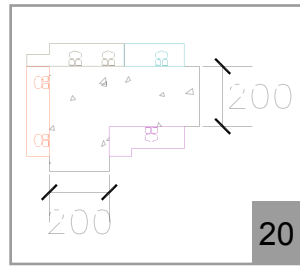
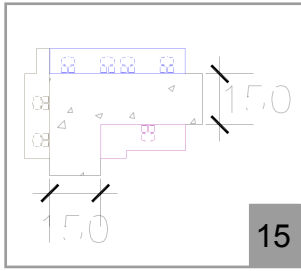


## doors and windows

To make doors and windows by BOFU modular formwork is simple, by inserting inside the formwork a wooden frame corresponding to the size of the opening needed, and then pouring the walls with doors and windows.

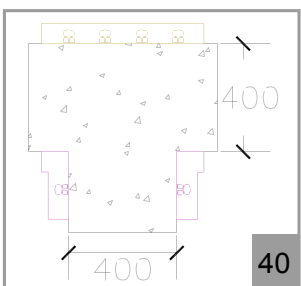
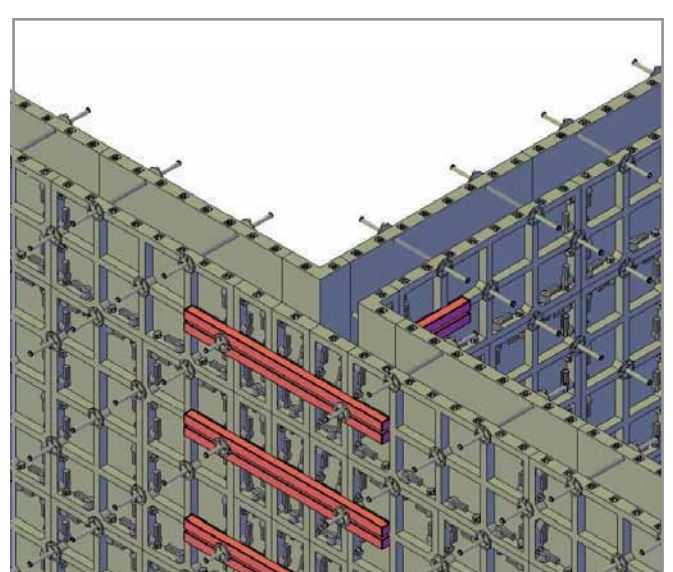
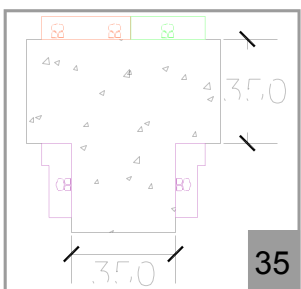
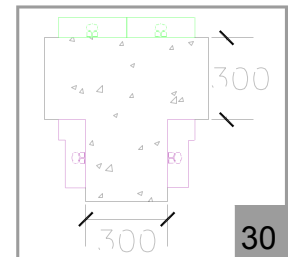
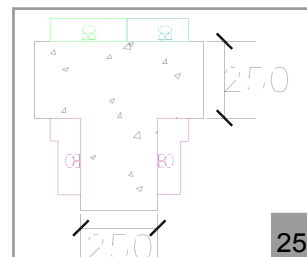
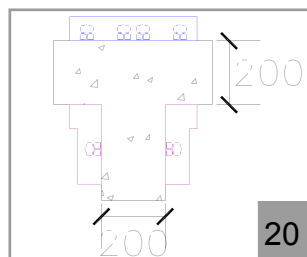
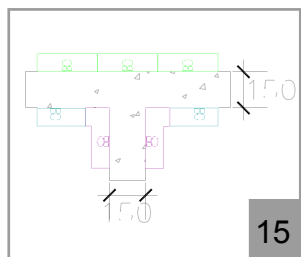


## corner wall configuration



combined with outer corner, inner corner and appropriate size panels, BOFU modular formwork can make corner walls easily.

## T wall configuration



combined with inner corner and appropriate size panels, BOFU modular formwork can make T-corner walls easily.

**column**

Pict.1) OUTER VIEW OF THE PANEL



Pict.2) INNER VIEW OF THE PANEL



Pict.3) "STAR" FIGURATION



Pict.4) USING AT SITE



Pict.5) ALIGNEMENT BAR



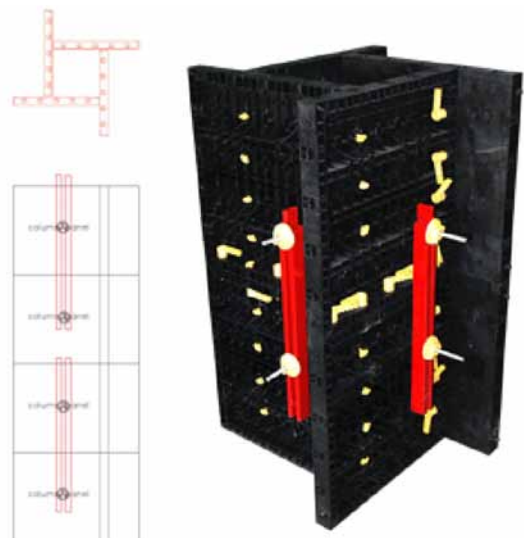
**PRODUCT** : Column panel, modular shuttering panel for pillar.

**DESCRIPTION** : Column panel is a modular shuttering panel, made of high impact resistant ABS, for reinforced concrete columns, pile caps and walls. The panels are engineered to interconnect or thogonally in different positions, creating a "star"-shaped formwork of variable size.

The column panels are interconnected using the standard nylon locking handles. Each panel will require 8 handles. The forming face has 6 parallel rows of fixing holes to allow the orthogonal connection of the panels in a "star" shape. The rows are placed at a distance of 100/50mm the one from the other, allowing the forming of square and/or rectangular columns with side of 200 to 600mm.

There is a series of holes in the middle of the panels for the passage of tie rods. The position of the holes is asymmetric to avoid conflict between crossing tie rods. All unused holes are closed with plugs.

A column 3m height is formed with 20x column panels, 10 x tie rods, 20 x washers, 160 x handles, 4 vertical steel reinforcement bars.



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