

## **MECANOFLEX**

**PRODUCT BROCHURE**



# Mecanoflex



Panamá - Surquillo Tower, Peru

Recoverable formwork system with high flexibility to adapt to any type of perimeter. The Mecanoflex system only uses two basic elements (Multiple U-shape joist bearer and Joist). With these two elements and a work method that has been used by the Alsina clients for more than 30 years, Mecanoflex is the ideal solution for making concrete forged items economically, for any type of perimeter.



## Light and resistant

The metal joist and joist bearer have a smaller weight compared to the wood joists. Its industrialized manufacturing and mechanization guarantee its benefits.



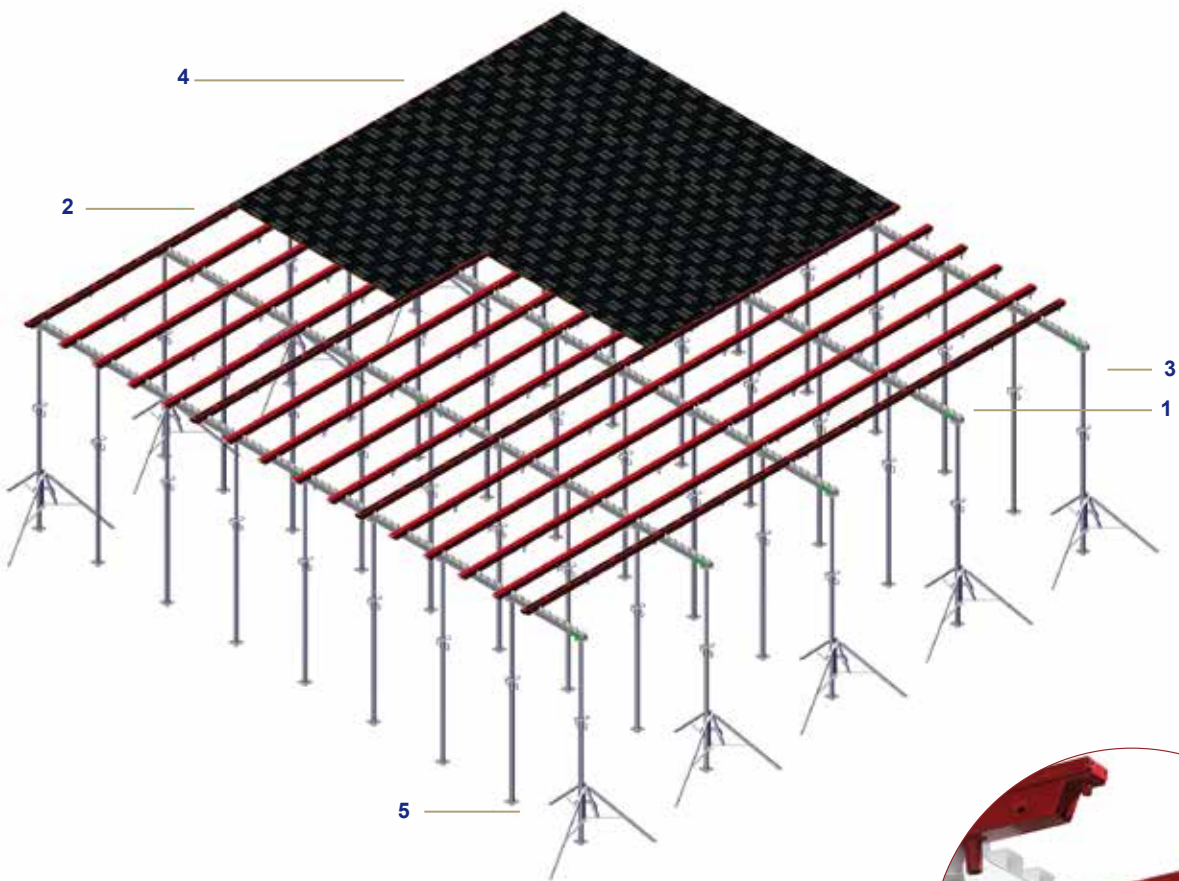
## Flexible

The multiple U-shape joist bearer and the Joists have been designed to be overlapped in both directions, allowing the Mecanoflex system to adapt to all perimeters. Produced in several length measurements in order to facilitate coverage between walls and to allow the overlap to be as minimum as possible in terms of material as well.



## Safe

The joists are housed in the Multiple U-shape joist bearer. Both elements are fixed and fastened during assembly to ensure the formwork process, what means a safe assembly.



### Components

- 1. Joist bearer
- 2. Joist
- 3. Prop
- 4. Formwork surface
- 5. Tripod



### Hanging Beam System (with Mecanoflex and Joist Brace)



It is a supplement to the Mecanoflex slab system. It is used to complete hanging beams on site. A wide base is built for the beam on which two side forms are supported, made of phenolic plywood cut to fit the dimensions and attached to support girders. It considerably increases productivity at the site and permits savings in labor and materials, since one system is the solution for the whole structure.

