

VCM

PRODUCT BROCHURE



VCM



Vista verde residential building, Peru

Versatile formwork system for hanging beams that adapts to any shape thanks to the lateral panels that can be adjusted. VCM has been designed to revolutionize beam formwork; easily combined, reusable and above all quick-to-assemble are some of the characteristics of this new system.



Characteristics

System formed by formwork panels: these lightweight metal panels have a plywood surface and are joined by a manual clip. Furthermore, they are reversible on site, which increases their use.

- Lightweight: Weight 4.5 lb/sq.ft (22 kg/m²).
- Resistant: Pressure of 522 psf (25 kN/m²).
- Modular Hanging Beam eliminates the expensive use of woodpiles and hours of carpentry in beam formwork of all types.
- 90% of formwork material can be recovered on the third day after concrete is poured.
- The finished beam does not need to be re-shored; with the removable bottom, the shoring support can be left.
- The system needs just one post-shore every 5'-1 3/4" (1.57 m), which represents a considerable savings.
- It adapts to great heights with the use of the Alsinpa CL-40 scaffolding system.
- Safety during assembly.
- Fast assembly and stripping.



On-site solution design

Unlike other panel systems, this system is based on resolving different drop measurements using the same side panel shared by multiple shapes.

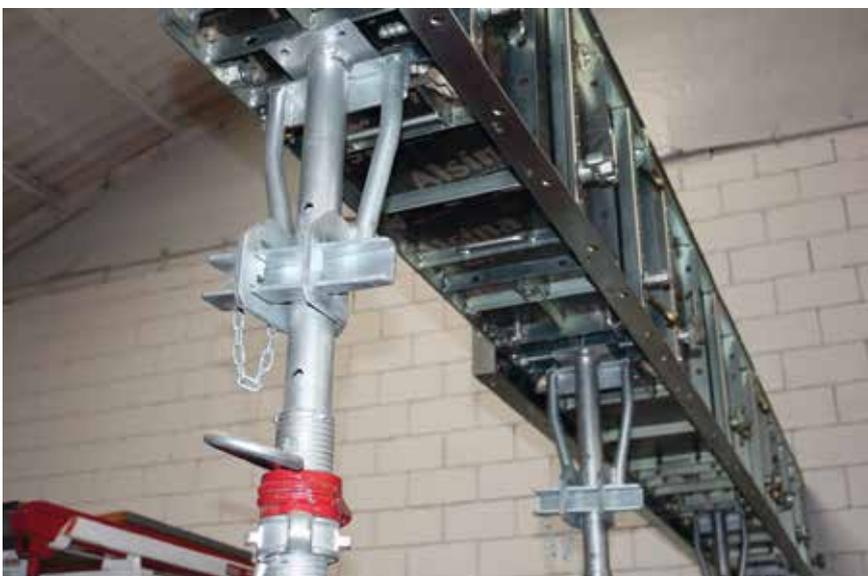
The same panel solves all the typical decreasing hanging of beams in construction. For high-hanging beams (above 19 ^{11/16}" or 50 cm), the same standard panel can be used, joining two of them.



Quick and safe assembly

The system has been designed to ensure a fast, safe and efficient assembly.

- Joining Clip is designed so that the operator can attach it using just a hammer without the need for any special tools.
- Bottom panels assembly from the ground.
- Working Potst-shore Brackets: Element that allows the operator to work safely at the same height as the beam formwork.



Reusable

The panel system not only helps increase assembly productivity, but it also goes beyond the traditional formwork beams.

Alsina has many years of experience working with reusable beam formwork systems, now with the release of Modular hanging beam the bottom and sides of the beam can also be reused.

Recovery of 90% of formwork material on the third day after concrete is poured without touching a single post-shore on the finished hanging beam.