

Alsina



ALISPLY MANUAL

PRODUCT CATALOG

| ALISPLY MANUAL

Light and reusable manual wall formwork.

Modular formwork system for the execution of concrete walls and columns, designed to be used by hand use and / or with a crane. Designed to solve projects with only 5 panel sizes, 90, 75 universal, 50, 30 and 35x35 universal inner corner in metric panels and 3', 2', 1'-8", 1' and 1'x1' inner conner in imperial panels. Its resistance and versatility make it a product capable of solving, with its standard elements, most situations that we encounter during construction.

Alisply Manual Plus panel		Metric width				Imperial width			
		30	50	75	90	1'	1'- 8"	2'	3'
Metric Height	300 cm	Yes	Yes	Yes	Yes	No	No	No	No
	270 cm	Yes	Yes	Yes	Yes	No	No	No	No
	150 cm	Yes	Yes	Yes	Yes	No	No	No	No
Imperial Height	9'	No	No	No	No	Yes	Yes	Yes	Yes
	5'	No	No	No	No	Yes	Yes	Yes	Yes





MANUAL SYSTEM

Really lightweight system, and is therefore ideal for projects that do not contemplate using a crane. Nevertheless, thanks to the wide range of system accessories, large screens can be mounted, using a crane for handling and positioning.

QUICK

The Alisply Manual system and its accessories are designed for a fast and easy assembly. The 4 ^{5/16"} (11 cm) frame support makes it easier to assemble and align the panels. The Alisply Manual Clip makes joins possible anywhere on the frame, and aligns the panels as well.

VERSATILE AND RESISTANT

Due to the great variety of modules and accessories, any kind of wall can be erected with panels 30/50/75 and 90 cm wide and also allow for polygonal walls. The system withstands a pressure of 1253 psf (60 kN/m²), in compliance with the DIN 18202 standard.

FINISH

The Alisply Manual System is manufactured with a galvanized steel structure to protect it from corrosion. The formwork surface is phenolic plywood board, protected with a piece of melanin that provides a visible concrete finish.



- Panel weight of 30 Kg/m² (6 psf).
- Admissible Pressure: between 60 kN/m² (1253 psf) and 80 kN/m² (1670 psf) (according to panel). Complying with DIN 18218 standard.
- 3.00 m, 2.70 m and 1.50 m in metric panels.
- 9' and 5' in imperial panels.
- The holes for the tie bars are not located in the frame, improving its finish and allowing the construction of sloping walls.
- 220 gr/mm² phenolic contact face, supported by top quality plywood, with protection of the bars of the plywood with stainless steel bushings.
- Long-lasting panels made of high-strength galvanized steel.
- Ribs with drain and for easy cleaning.
- Quick nut for assembling tie bars.
- PVC pipes with cone to avoid loss of grout and taper ties.
- PVC chamfer for exposed corner solutions.

FREQUENT USES

The Alisply Manual system is very used in building and civil works: Double-sided structural walls, elevator shafts, bridge columns, abutments, tanks, one and two-sided retaining walls, columns of any section, foundations, etc.



WORK BRACKET

Essential element for operator safety when concreting the wall. Thanks to its design, with the rotary head, it can be placed in either the vertical or horizontal panel position.



ALIGNERS

Provided with Aligners that are used to stabilize and plumb the wall panels. Designed without a thread at the top to prevent the build-up of concrete, it is provided with a coupling and base plate that are easily to dismantle.



MULTI-HOLE CORNER

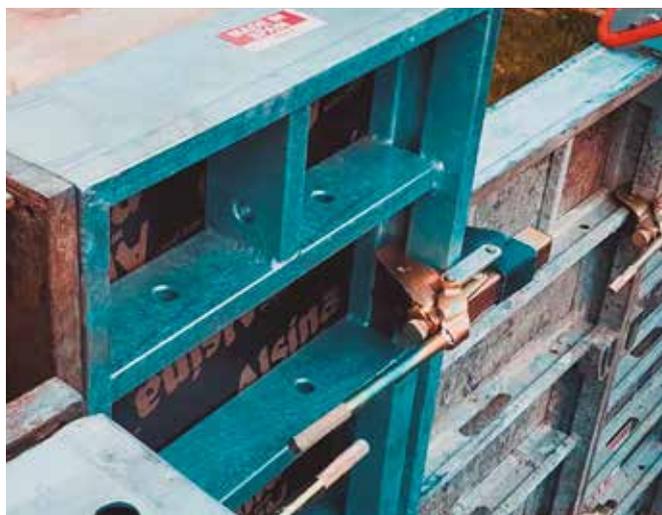
Its design that facilitates stripping in the corners. It has a fully perforated slide, which helps to solve multiple widths with the same element, thus increasing performance and productivity.

ALISPLY MANUAL CLAMP

The Alisply Manual Clamp joins, aligns and strengthens the panels in one single operation, without the need for tools. It is not necessary that the clips coincide with the position of the ribs since a pressure regulator is provided.

**ALISPLY JOINT CLAMP ROBUST AND MANUAL**

The union clip allows you to attach Alisply-M to your older sisters Alisply Muros and Alisply Circular, thus being 100% compatible.

**EXTENDIBLE CLAMP**

The Extendible Clip is designed for positioning panels when there is need for supplements. It allows for a complement of 8" (20 cm) wide. Like the Alisply Manual Clip, it can be placed anywhere on the frame.





ALISPLY MANUAL PANELS

The Alispaly Manual Panel has been designed so that the position of the tie rod allows the panel to be hinged, therefore it can be used both vertically and horizontally.



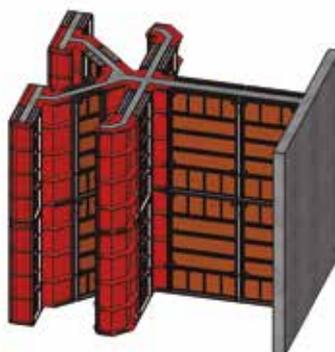
SYSTEM MODULATION

The Alispaly Manual System has a standard set of modules including 18 panels. They all share the same feature, which allows all the panels to be combined horizontally and vertically, providing that the bars passing through the wall coincide. This standard module set is made up of 2 heights and 9 widths.



CRANE HOOK

Element for moving wall screens. Quick and easy to position manually, and it has a built-in safety device so that it cannot be opened. For safety reasons, it's necessary to use two hooks when moving any material.



SPECIAL SOLUTIONS

We have numerous solutions special to adapt to your needs. Consult your commercial closest.



WALL CORNERS

Due to Alisply Manual modules diversity, it is easy to solve the corners on the most common type of walls. The Outside Corner Angle is used to join together two standard panels of the appropriate width, according to the wall thickness. This type of solution makes the most of the material, because it limits the number of specific parts. The different inner corner measurements provide an easy solution for matching perpendicular walls.

In the first image you can see the wall corner. In the second image, the artiuclada corner, and in the third, the column corner.



Alsina

Alsina Group
alsinainfo@alsina.com

www.alsina.com



0300071ENNZ