

ALISPLY CIRCULAR

PRODUCT BROCHURE



Alispaly Circular



Stewart Creek WWTP, United States

Circular wall formwork system, to be crane handled, consisting of a galvanized steel frame and a phenolic resin-coated plywood surface. The modules come preassembled from the workshop, only the radius has to be defined on site. In order to do this, the design of the panel includes all the necessary components (no special tool is required to curve the phenolic plywood).



Manual clamp GR-2

The frame is the same design as the Alispaly Walls frame, which allows quick and simple joining between straight and curved Alispaly panels without requiring special accessories. The joint and alignment of the panels horizontally and vertically is made using the GR-2 Clamp and the Adjustable Clamp; both are quick and manual.



Quick

The Alispaly Circular System and its accessories, is designed for quick and easy assembly. The use of the manual clamp, the joints at heights with the GR-2 Clamp, and the bent threads protected from concrete residue, mean high productivity when working with the straight walls. The radius can be changed without having to dismantle the module.

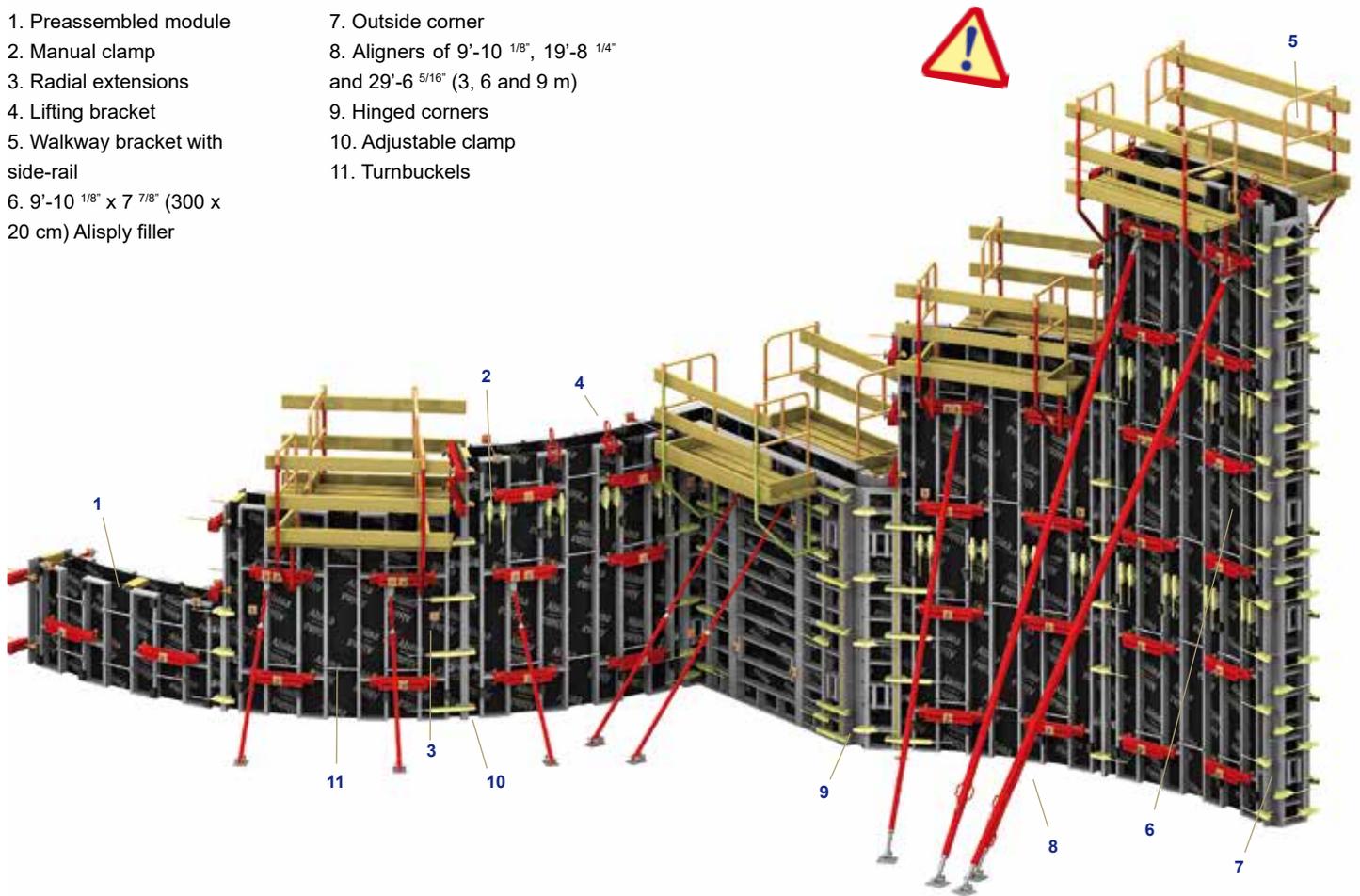


Profitable

Both the design of Alispaly Circular System and the materials used in its composition mean an important saving in formwork material and reduction in transportation costs. The module comes preassembled and has a thickness of 5 ⁷/₈" (15 cm).

Components

- | | |
|---|--|
| 1. Preassembled module | 7. Outside corner |
| 2. Manual clamp | 8. Aligners of 9'-10 1/8", 19'-8 1/4" and 29'-6 5/16" (3, 6 and 9 m) |
| 3. Radial extensions | 9. Hinged corners |
| 4. Lifting bracket | 10. Adjustable clamp |
| 5. Walkway bracket with side-rail | 11. Turnbuckles |
| 6. 9'-10 1/8" x 7 7/8" (300 x 20 cm) Alisply filler | |



The Alisply Circular modules are preassembled at the warehouse, and only require to give it the correct radius at the job site.



The panel includes the necessary elements to change the radius and special tools are not required.



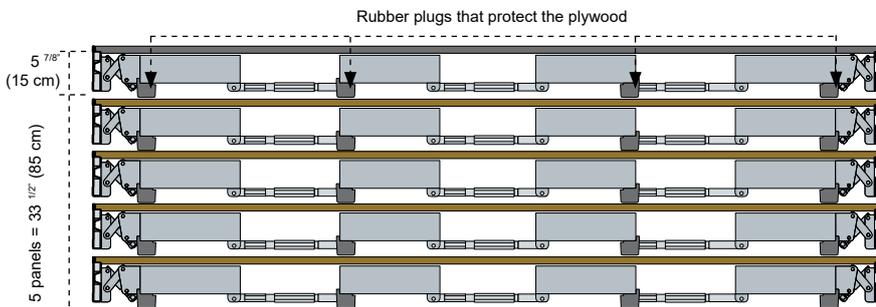
The modules adapt to each radius on site, so they are useful to implementing different kinds of circular walls.

Panel sizes

PANEL SIZES INTERIOR RADIUS	PANEL SIZES EXTERIOR RADIUS
7'-10 1/2" x 7'-10 1/2" (240 x 240 cm) 7'-10 1/2" x 3'-11 1/4" (240 x 120 cm) 7'-10 1/2" x 23 5/8" (240 x 60 cm)	8'-2 7/16" x 7'-10 1/2" (250 x 240 cm) 8'-2 7/16" x 3'-11 1/4" (250 x 120 cm) 8'-2 7/16" x 23 5/8" (250 x 60 cm)
RADIAL SIZES INTERIOR RADIUS	RADIAL SIZES EXTERIOR RADIUS
1 5/8" x 7'-10 1/2" (4 x 240 cm) 13/16" x 7'-10 1/2" (2 x 240 cm) 1 5/8" x 3'-11 1/4" (4 x 120 cm) 13/16" x 3'-11 1/4" (2 x 120 cm) 1 5/8" x 23 5/8" (4 x 60 cm) 13/16" x 23 5/8" (2 x 60 cm)	1 5/8" x 7'-10 1/2" (4 x 240 cm) 13/16" x 7'-10 1/2" (2 x 240 cm) 1 5/8" x 3'-11 1/4" (4 x 120 cm) 13/16" x 3'-11 1/4" (2 x 120 cm) 1 5/8" x 23 5/8" (4 x 60 cm) 13/16" x 23 5/8" (2 x 60 cm)
ALLOWABLE PRESSURE: 1,253 psf (60 kN/m ²)	ALLOWABLE PRESSURE: 1,253 psf (60 kN/m ²)

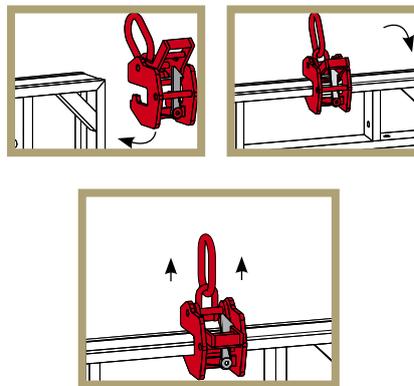
Alisply Circular system has three module measures height: 23 5/8", 3'-11 1/4" and 7'-10 1/2" (60, 120 and 240 cm) In this way can be joined vertically for every 23 5/8" (60 cm) heights. Each module has two models: a screen with a developing inner radius of 7'-10 1/2" (240 cm) and an outer radius screen with a development of 8'-2 7/16" (250 cm).

Extra-flat panels



Extra-flat panels (only 5 7/8" (15 cm) thick, the Alisply Circular system provides optimal storage and transport.

Lifting bracket



Essential element for the movement of the wall modules. Quick, easy and manual positioning; has a safety device that prevents accidental opening. For security, it is necessary to use two hooks for moving any material.

GR-2 hand-operated clamp



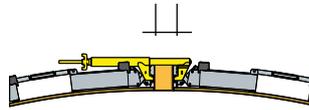
The Alisply GR-2 Clamp joins the modules of the Alisply Circular System horizontally and vertically. This operation can be carried out without tools. Because of the module's design, the clamp's position does not have to coincide with the position of the vertical posts. The GR-2 Clamp has a pressure regulator to adjust the joint strength.



GR-2 adjustable clamp

The GR-2 Adjustable Clamp is designed for the joining of panels needing wooden fillers. It can accommodate an accessory of up to 10 1/4" (26 cm) in width. Its positioning is optional on any point of the vertical frame.

from 0 to 10 1/4" (26 cm)



Walkway bracket

The Alisply Circular System has an accessory used to adjust the Walkway bracket. This is placed on the vertical cross beams of the module. It is quick and easy to place using shear pins and bolts instead of threaded components which may deteriorate.



Smooth finish

The Alisply Circular System has a phenolic formwork surface that provides a fair-faced concrete finish, and offers the possibility of attaching chamfer strips, channels, bulkheads etc. in a comfortable and easy way.

Climbing system



One-sided wall

