

# AS10

*Evolution*

FORMWORK



PRODUCTIVITY | MODULARITY | ALUMINIUM | STURDINESS

VERTICAL ALUMINIUM  
FORMWORK

**Alphi**  
*Formwork and solutions*



# AS10 Evolution

The AS10 Evolution formwork panel system is designed for the building of stringers, substructures, industrial and agricultural buildings.

**Reliable and robust**, the system can reduce assembly times on building sites, as well as production costs.

The vertical or horizontal panel installation **increases the versatility** of the AS10 Evolution formwork.



# AS10 Evolution | Vertical aluminium formwork

## PRODUCTIVITY

- Hand-portable formwork with reinforced aluminium chassis and 15 mm shuttering (plywood or Alkus®).
- Lightweight panels convenient to use: average weight 22.50 kg/m<sup>2</sup>.
- Very fast installation.
- Accessories, safety devices, angle brackets, shoring to suit all sites.
- Vertical reinforcements for lifting in total safety.



## MODULARITY

- Increased versatility: panels fitted on top of each other, vertical or horizontal installation.
- Panels can be offset thanks to peripheral profile.
- Ideal for sites with tricky access.

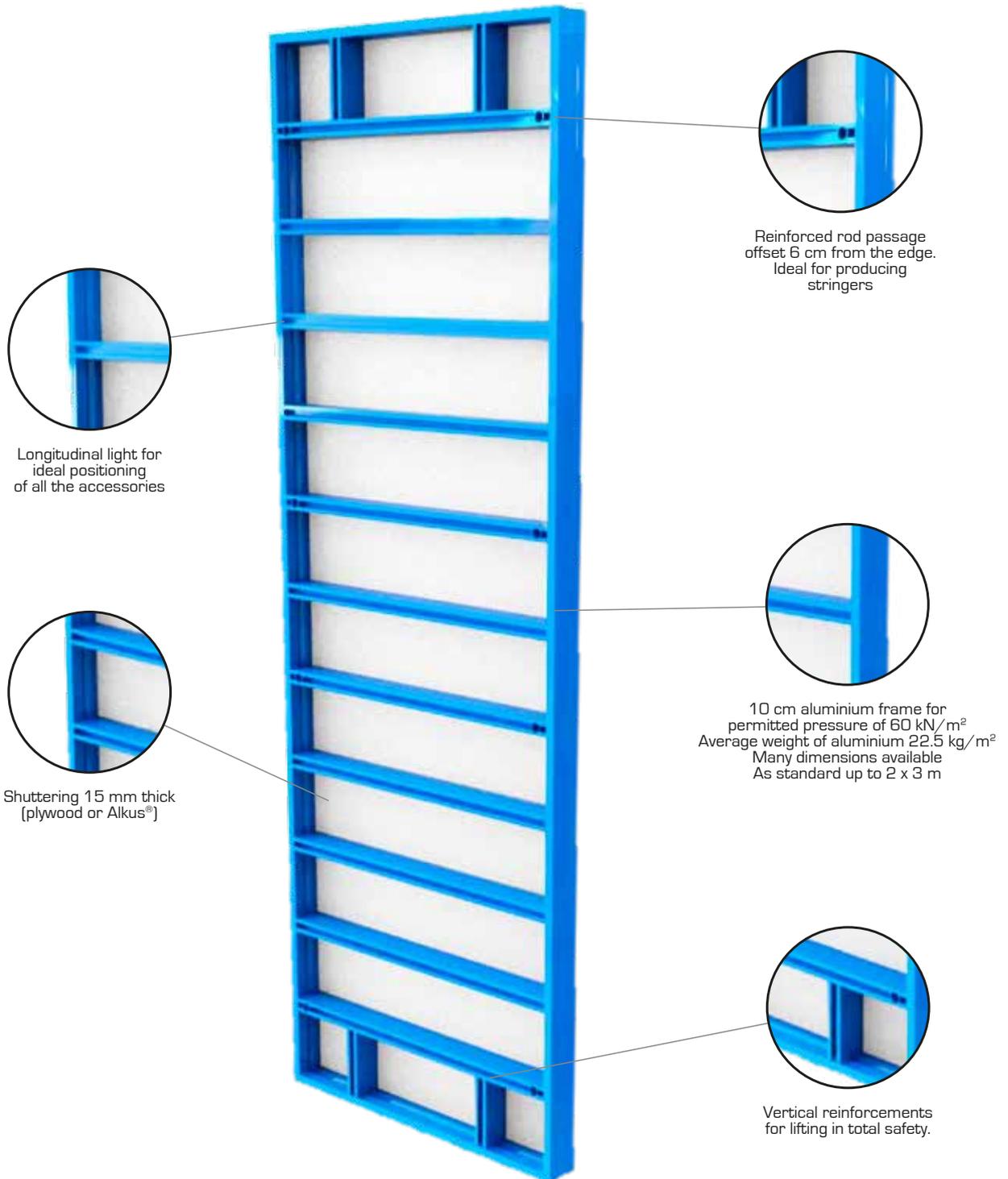


## QUALITY

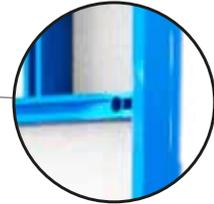
- Production quality is guaranteed by a fully-automated chain.
- From cutting out frames to installing the shuttering, robots can prevent any non-compliance.



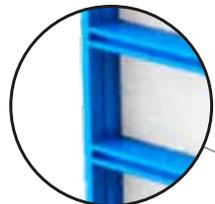
## TECHNICAL CHARACTERISTICS



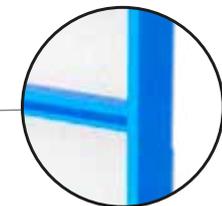
Longitudinal light for ideal positioning of all the accessories



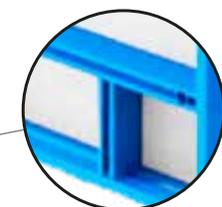
Reinforced rod passage offset 6 cm from the edge. Ideal for producing stringers



Shuttering 15 mm thick (plywood or Alkus®)



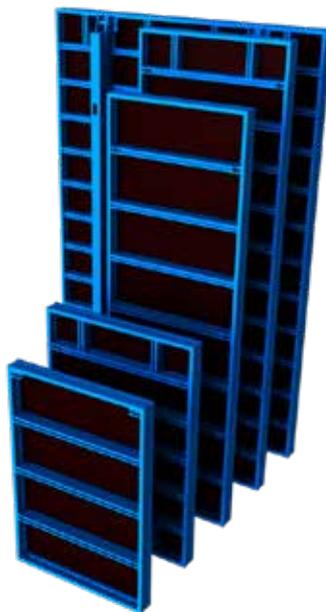
10 cm aluminium frame for permitted pressure of 60 kN/m<sup>2</sup>  
Average weight of aluminium 22.5 kg/m<sup>2</sup>  
Many dimensions available  
As standard up to 2 x 3 m



Vertical reinforcements for lifting in total safety.

## COMPONENTS

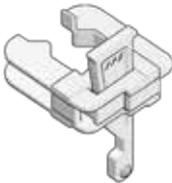
AS10 Evolution ALUMINIUM panels



Cat. No.	Width (m)	Height (m)	Unit weight (kg)
100297	0.25	1.5	11.2
104935*	0.25	2.7	19.1
100299	0.25	3	22
104647*	0.3	2.7	20.1
104694*	0.45	2.7	27
100301	0.5	1.5	18.4
104644*	0.5	2.7	30.5
100303	0.5	3	35.2
104641*	0.6	2.7	33.2
100305	0.75	1.5	24.8
104726*	0.75	2.7	41
100307	0.75	3	47.7
104611*	0.9	2.7	48.2
100309	1	1.5	32
100311	1	3	60.8

\*For sale only.  
Other dimensions available on request.

## VERTICAL ACCESSORIES

Clamps	Assembly clamp (lock nut)	Cat. No.	Unit weight (kg)	Description
		208236	1	<ul style="list-style-type: none"> <li>The tightening assembly clamps mean fast, effective panel assembly.</li> <li>Key tightening allows to add 2 cm compensation, avoids misplaced hammer blows on the frames and reduces noise pollution.</li> </ul>
	Assembly tap-in clamp	Cat. No.	Unit weight (kg)	Description
	207852	1.2	<ul style="list-style-type: none"> <li>The traditional tap-in alternative is available.</li> </ul>	

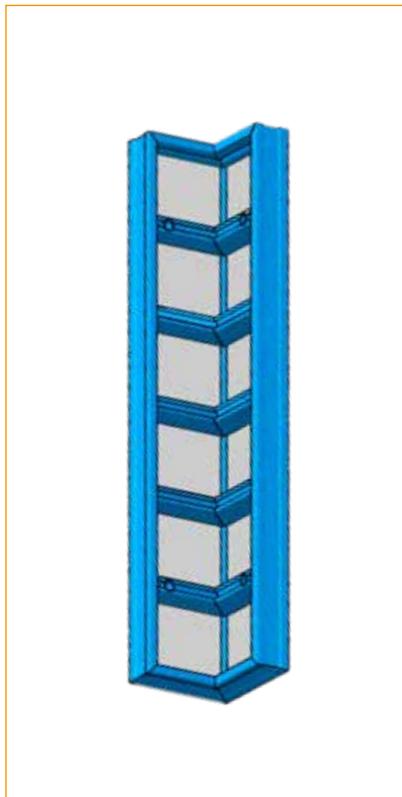
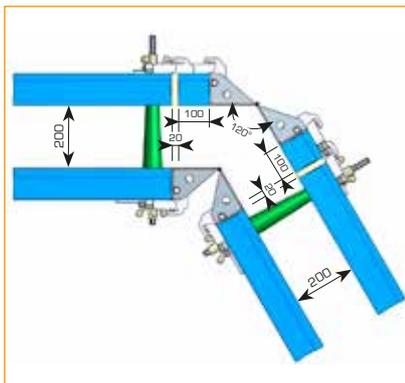
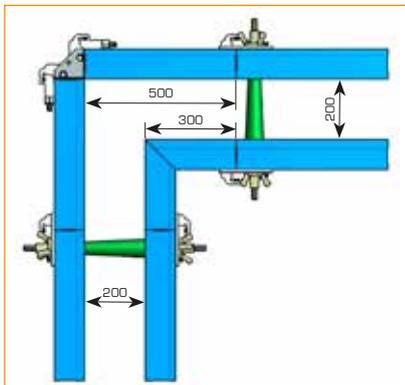
Safety	Safety bracket	Cat. No.	Unit weight (kg)	Description
		209212	10.5	<ul style="list-style-type: none"> <li>Safety brackets can be assembled inside the reinforcements using hammer head screws.</li> </ul>

Prop sockets	Prop socket	Cat. No.	Unit weight (kg)	Description
		101111	1.5	<ul style="list-style-type: none"> <li>Equipped prop socket</li> </ul>
		103827	1.8	<ul style="list-style-type: none"> <li>S/E hinged prop socket (without pin)</li> </ul>

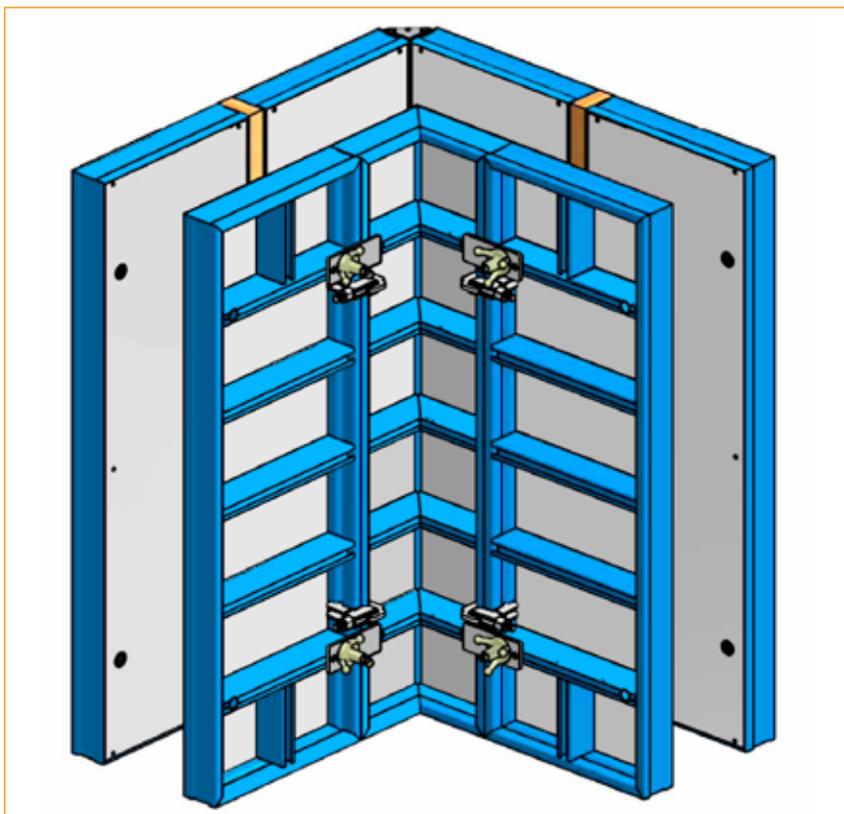
Additional metal sheets	Additional metal sheet	Cat. No.	Dimensions W x L (cm)	Unit weight (kg)	Description
		104363	0.2 x 3	33.4	<ul style="list-style-type: none"> <li>The additional metal sheet prevents having to cut wooden compensations at every need.</li> <li>It can adjust to a millimetre and is ideal for sites with precise dimensional constraints.</li> </ul>
		104680	0.2 x 2.7	30	
		102118	0.2 x 1.5	16.7	

## OTHER COMPONENTS

### ANGLE BRACKETS



- The fixed or variable angle brackets meet all site configurations.
- Available in several dimensions.



## OTHER COMPONENTS

### POST FORMWORK



#### Multi-hole panels

This panel produces your posts simply and effectively from 15 x 15 cm up to 60 x 60 cm, thanks to its built-in rod passages in the frame at 5 cm intervals.



#### < Windmill sail clamps

Windmill sails clamps are used to produce square or rectangular posts with standard panels.



#### Steel formwork tool >

- To produce square or rectangular posts.
- Sections adjusted to the millimetre.
- 5 mm steel shuttering sheet.
- Optional safety device.
- 3 m, 1.5 m and 0.75 m modules, can be fitted on top of each other.
- Sections 200 to 600 mm, adjustable to the millimetre.

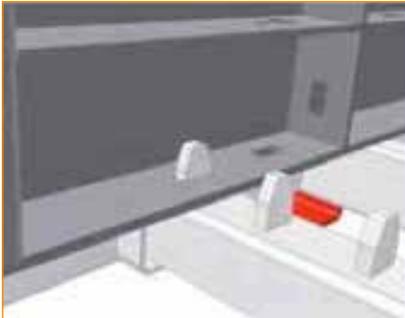


#### Wall stops

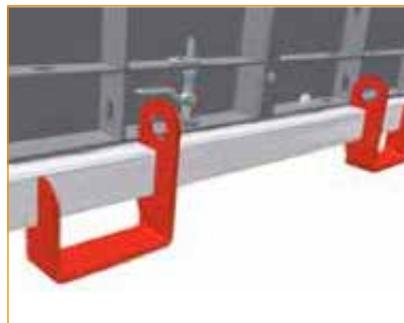
The most cost-saving solution for creating pillars. It uses two bits of plywood in addition to your standard panels and your adjustable wall stops.

End gap reglet		Cat. No.	Length (m)	Unit weight (kg)
		104652	1	13.2
		103999	0.6	9

## TRANSPORT AND STORAGE



- AS10 Evolution panels have a range of appropriate baskets to facilitate their storage and transport to the site.
- The positioning lugs can store twelve panels horizontally. The holding bar, compatible with the built-in locks, keeps the panels perfectly positioned during transport.
- The panels can be stacked and are fitted with lifting rings and fork slots to facilitate handling with any type of lifting equipment.



### Basket juxtaposition

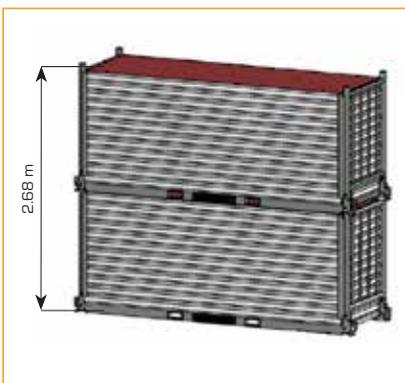
- The maximum width of two baskets juxtaposed is 2.02 m.
- Ideal for loading onto a flatbed lorry.

### Holding panels

- Adapted to the panel dimensions, the basket holds them perfectly.

### Lifting

- Baskets can be lifted and transported with a crane and also a forklift thanks to the fork slots provided for this purpose.



## STORAGE ACCESSORIES

Storage	Rack	Cat. No.	Dimensions W x L x H (m)	Unit weight (kg)	Description
		200680	0.7 x 1.545 x 0.475	79	<ul style="list-style-type: none"> <li>Stackable container with built-in lifting rings</li> <li>Rating plate can be customised with customer's name</li> <li>Partitions for storing all the accessories (MWL 1 500 kg)</li> <li>Optional protective cover</li> </ul>
Rack	Cat. No.	Dimensions W x L (cm)	Unit weight (kg)	Description	
	205767	1 x 1.5	106.8	<ul style="list-style-type: none"> <li>Can be handled with a crane (sockets for slings) or a forklift</li> <li>End partitions removable for easy cleaning</li> <li>Rating plate with customer's name</li> </ul>	
	206008	1 x 2.7	118.1		
	205766	1 x 3	126.7		

## VERTICAL ALUMINIUM FORMWORK



AS10 Evolution modular and robust aluminium formwork panels for all geometric combinations.

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