

alpi south east asia co.,ltd.



mini panel



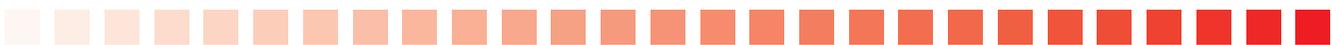
LIGHT
WEIGHT
FOR LIGHT WORK.



We'll get your concrete in shape.

We'll get your concrete in shape.

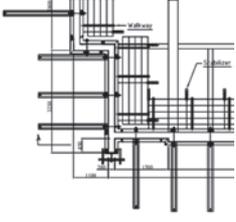
alpi sea alpi sea



SYSTEMS FOR FORMWORK AND FALSEWORK

mini

Panel coupling systems with through pins and wedges do not ensure co-planarity of formwork, nor do they allow for staggered installation on irregular surfaces, while ergonomics are compromised.



A TAP OF A HAMMER FOR FAST, CO-PLANAR LOCKING.

The special configuration of the edge section in the **steel mini** system interacts with the clamp to ensure smooth coupling and locking with just the simple tap of a hammer.



- The wedge rotates the cam lock to align the two edge sections and thus ensure total **co-planarity**.
- The cam then locks the two aligned, co-planar edges, **avoiding** any loss of grout.

When the wedge is opened, it rotates the cam in the opposite direction, thus allowing removal of the clamp.

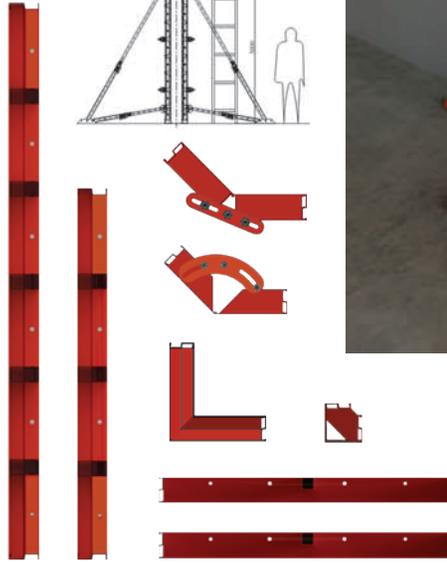
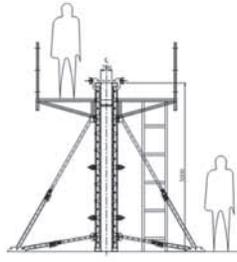


The panels have been designed around a 30 cm module and can be positioned both vertically and horizontally to meet the

geometrical requirements of the form-worked wall in the best manner possible.



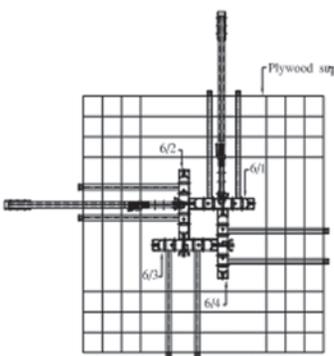
mini 150/120



Using a limited number of components, formwork can be set up for any kind of structure from the simplest to the most complex, from foundations and bases to intricate wall systems. Using cranes for large surface areas or mounting panels individually by hand.

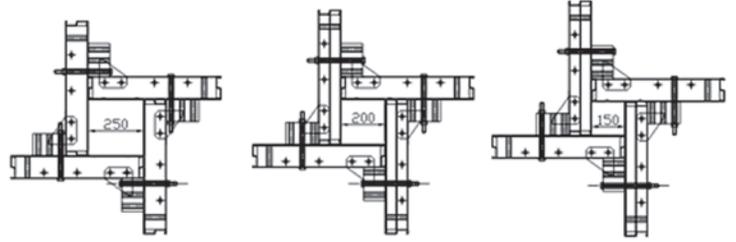
RE-USABLE, CONVENIENT MODULAR ELEMENTS

- Three standard light-weight panels measuring 120, 90 and 60 cm available in two heights of 210 and 180 cm (multiple 30 cm modules)
- Three coupling and compensation elements (inner and outer angles, sheet and compensation rod)
- Two coupling elements (clamp and compensation alignment device)
- A limited number of plumbing accessories and gangway installations.



mini technology designed for all your requirements. Take advantage of our technology.

mini 210/180



accessories



Pin M16x110
p/n:10p-1611



Safety Pin
p/n:15-1600



Bolt/Nut Washer
M16/140
p/n:10B-1614



Tie Rod T15/17 B.
Tie Rod T15/17 W.
(Self cleaning)
p/n:10T-1507 B.
p/n:10T-1507 W.



Wingnut
Base 40 mm
p/n:10E-0040



Wingnut
Base 35 mm
p/n:10E-0035



Plastic Cone
p/n:104-0002



Rubber Plug
p/n:104-0000



Free Clamp
p/n:014-0014



Mini Clamp
p/n:013-0005



Crane Hook
p/n:013-0007



Stabilizer-400
p/n:074-4000

Stabilizer-200
p/n:074-2000



Bracket
for Stabilizer
p/n:074-0002



Base for
Stabilizer
p/n:074-0001



Walkway
p/n:11E-0001



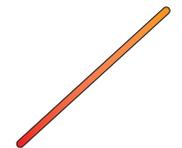
Bracket for
Walkway
p/n:084-0002



Parapet for
Walkway
p/n:11E-0002

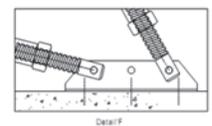
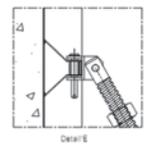


Stop End
p/n:014-0013



Tube for
Alignment 6.0 m
p/n:014-0011

Height/Width	300	270	240	210	180	150	120	90	60	30
300	204 kg.	194.40 kg.	180 kg.	157 kg.	135 kg.	113.98 kg.	92.16 kg.	68.31 kg.	48.99 kg.	28.71 kg.
270		174.96 kg.	162 kg.	141.75 kg.	121.80 kg.	102.58 kg.	82.95 kg.	61.45 kg.	44.10 kg.	25.83 kg.
240			144 kg.	126 kg.	108 kg.	91.18 kg.	73.73 kg.	64.65 kg.	39.19 kg.	22.97 kg.
210				110.50 kg.	94.50 kg.	79.78 kg.	64.51 kg.	47.82 kg.	34.29 kg.	20.16 kg.
180					81.50 kg.	68.40 kg.	55.30 kg.	40.98 kg.	30.25 kg.	17.55 kg.
150						57.15 kg.	46.08 kg.	34.20 kg.	25.20 kg.	14.85 kg.
120							37.92 kg.	27.16 kg.	20.24 kg.	12.60 kg.
90								20.60 kg.	15.39 kg.	9.48 kg.
60									10.30 kg.	6.48 kg.
30										3.28 kg.



Remark :

Category 1



Recommended size

Category 2



Other size

Category 3



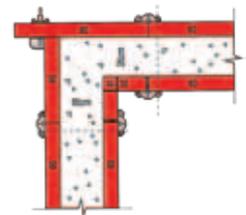
May need lifting device to install

COMPLEX STRUCTURES EVEN WITH-OUT CRANES.

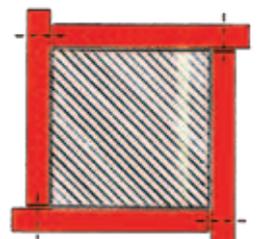
In small-medium building sites. Formwork has to be installed individually for every cast and often have to be handled even with-out cranes. Our light-weight **mini** panel forms are specifically designed for this requirement.



- Panels weight only 35 kg/m² and can easily be handled without a crane
- Permitted pressure greater than 50 kN/m² with bending less than 1/300
- Steel box section frames provide maximum torsion strength
- 10 cm high edge section without holes (for easier cleaning). Having a patented outline which allows clamps to be fitted around the entire perimeter (for joining and/or overlapping panels, including staggered configurations)
- **mini** panel system comes with a facing 2.3 mm steel plate.



mini



alpisea: our technology
at your service.

alpisea has been exclusively producing formwork and scaffolding systems for the building & infrastructure industry since 1992.

As well as our **mini steel** form system our production range includes **midi** systems, scaffolding, tunnel, box-culvert, precast,

custom made formwork system with all the necessary accessories for every building and site requirement.

alpisea MODULAR SYSTEMS: SOLID FOUNDATIONS FOR YOUR SUCCESS.



Located in the geographical center of South East Asia, in an environment where skilled labor, management, materials and transport services are available at competitive prices, **alpisea** operates from an easily accessible location just outside Bangkok.

Our head offices, including a research centre, administration offices and production workshops are ideally situated in Bangkok area.

For Additional information regarding the Alpi South East Asia's Co. Ltd line of products and ongoing project, please visit us @ <http://www.alpisea.com>



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