



easy formwork system



Ponteggi Edilponte S.p.A. was created in 1963 in a small building in Povegliano Veronese. Thanks to the experience acquired in more than 40 years of activity in the national and international market, Ponteggi Edilponte S.p.A. has managed to offer a wide range of high quality products with refined finishing and meticulous attention to detail guaranteed by its highly qualified personnel.

Ponteggi Edilponte S.p.A. manufactures its wide range of products with steel and stamped plates which are subject to continuous quality controls in order to guarantee excellent performances in building sites as well as great reliability and longevity.

Ponteggi Edilponte S.p.A. implements a production process that is compliant with DIN 8593 regulations concerning the irreversible joining of stamped plates of different elements belonging to the same item through the technology called "pressure joining" or "clinching".

This joining process presents many advantages: it is environmentally friendly and it safeguards the workers' health (no harming gas or fumes are used) due to the high mechanical characteristics guaranteed by the circular geometry of close-joints without notching and with elongated embossment that provide the coupler with high resistance to tensile stress.



« easy formwork system »

Easy Formwork system represents the most up to date system to produce any kind of walls, with different length and geometrical shapes, in a quickly and versatile way.

Using the Easy Formwork System is possible to plan step by step all the work in advance, reducing the time of assembling and dismantling: this means cut the high costs of labour.

Formworks are always fixed to each other in parallel, vertically or longitudinally, shaping on the floor the desiderated wall, then displaced with the crane. With the dedicated clamps, bars and different accessories it's possible to lay the concrete in absolute safety respecting the different safety norms.

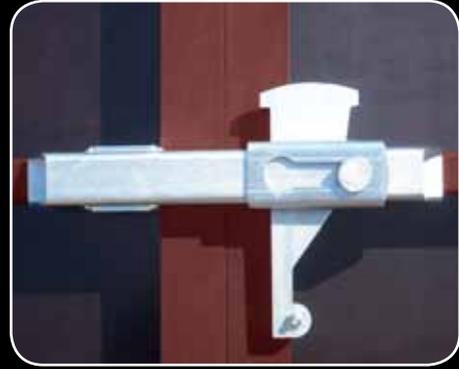
The structural characteristics of the profile and the plywood, give to the formwork high resistance to the compression allowing laying the concrete quite rapidly.

The different accessories and special elements allow realizing particular structure and shapes apparently complex and helping the construction company to perform task intuitively and economically.

The Ponteggi Edilponte S.p.A. technical personnel works with and for the client in order to find out the suitable solution for any building site, studying the project with the builder and supporting the workers during the execution.

ALIGNMENT CLAMP

It allows the vertical and horizontal formworks' assembling, the connection between the inner corners to different elements and it simplifies the assembling, the displacement and dismantling.



ADJUSTABLE CLAMP

Alternatively to the alignment clamp, it allows to put between the panels compensation bars (made of stainless steel or wood) till 25 cm length, extending the modularity of the framework system.



FIX INNER CORNER

It's connectable to the formwork through the alignment clamp and it allows the creation of corners for walls with any thickness.



JOINTED INNER CORNERS

Through inner or exterior hinge and stiffening hinge elements it's possible to make corners of different degrees.



LIFTING HOOK

Working as pliers and with a maximum capacity load of 1.200 kg, it guarantees a safe hold and the displacement of more formworks at the same time.



FORMWORKS HANDLING

Through two lifting hooks, it's possible to displace different panels previously fixed with clamps. This operation allows shoring up a new wall easily and safely.

VERTICAL WALLS

SERVICE CONSOLE

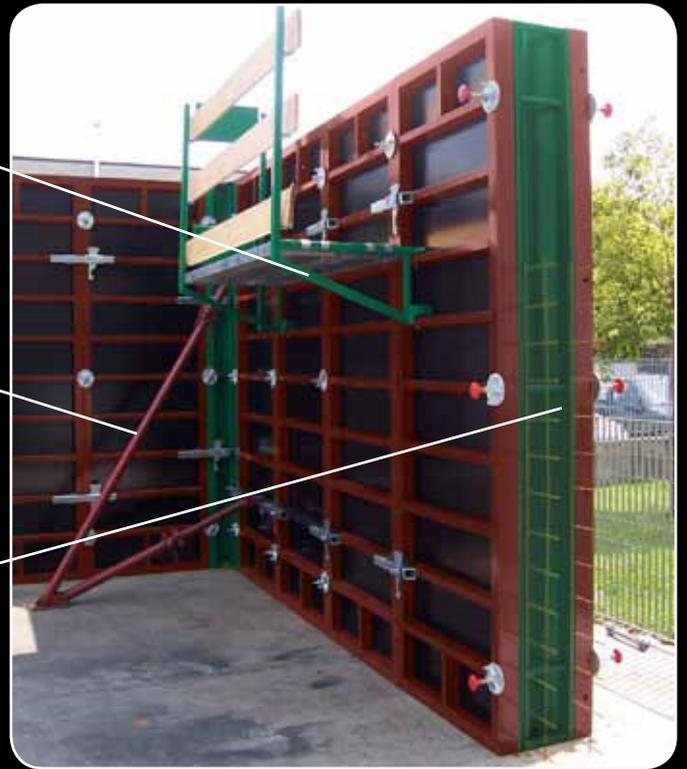
The service console can be hooked into the formwork's back side crosspieces holes and then hold up the walk boards (galvanized or wooden one). It allows laying the concrete safely and quickly without using scaffolding.

ADJUSTABLE RODS

Available in different types and extensions, they permit a perfect spirit-levelling during the wall's shoring up. Thanks to the simple and quick fasten system between the rod and the formwork, it's possible to get a spirit-level based on the triangulated structure.

ENDING ELEMENT FOR WELDED WIRE MESH

It allows putting the welded wire mesh as soon as the concrete's lay process is interrupted. It allows proceeding the next concrete laying instead of the traditional closing ending elements made of wood or sized formworks.



PILLAR MADE OF EASY FORMWORK WITH PRE HOLED PLYWOOD

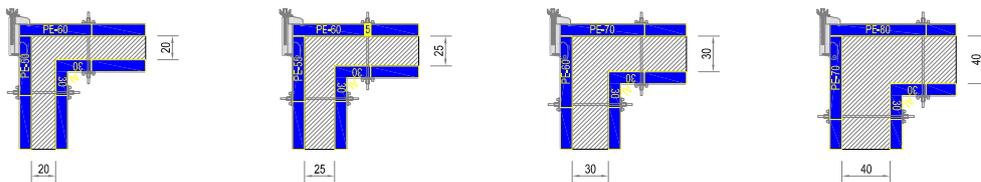
Using the pre holed panels and the clamps for pillar, it's possible to realize pillars with different measures (from 20x20 to 80x80).



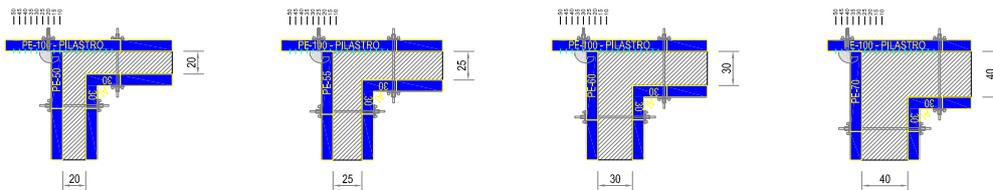
PILLAR MADE OF SPECIAL SIZED FORMWORK

You can realize pillars assembling the sized panels with the adjustable clamps for exterior corners.

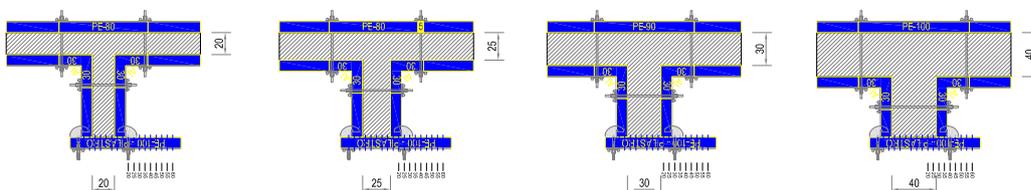
Exterior corner with panels



Exterior corner with pillar formwork panel



T wall



CORNERS LAYOUTS

With both the pre holed panels and the clamps for pillar and the special sized panels and the adjustable clamp for exterior corners, it's possible to realize any type of corner with different wall's thickness

« special executions »



SUPPORT FRAME

With the support frame and the support frame/formwork joint, it's possible to assembly single wall in front a pre-existing wall, rocks or ground.



FOUNDATION

They can be realized simply and easily with standard formwork (h 300 or h 150) horizontally assembled.



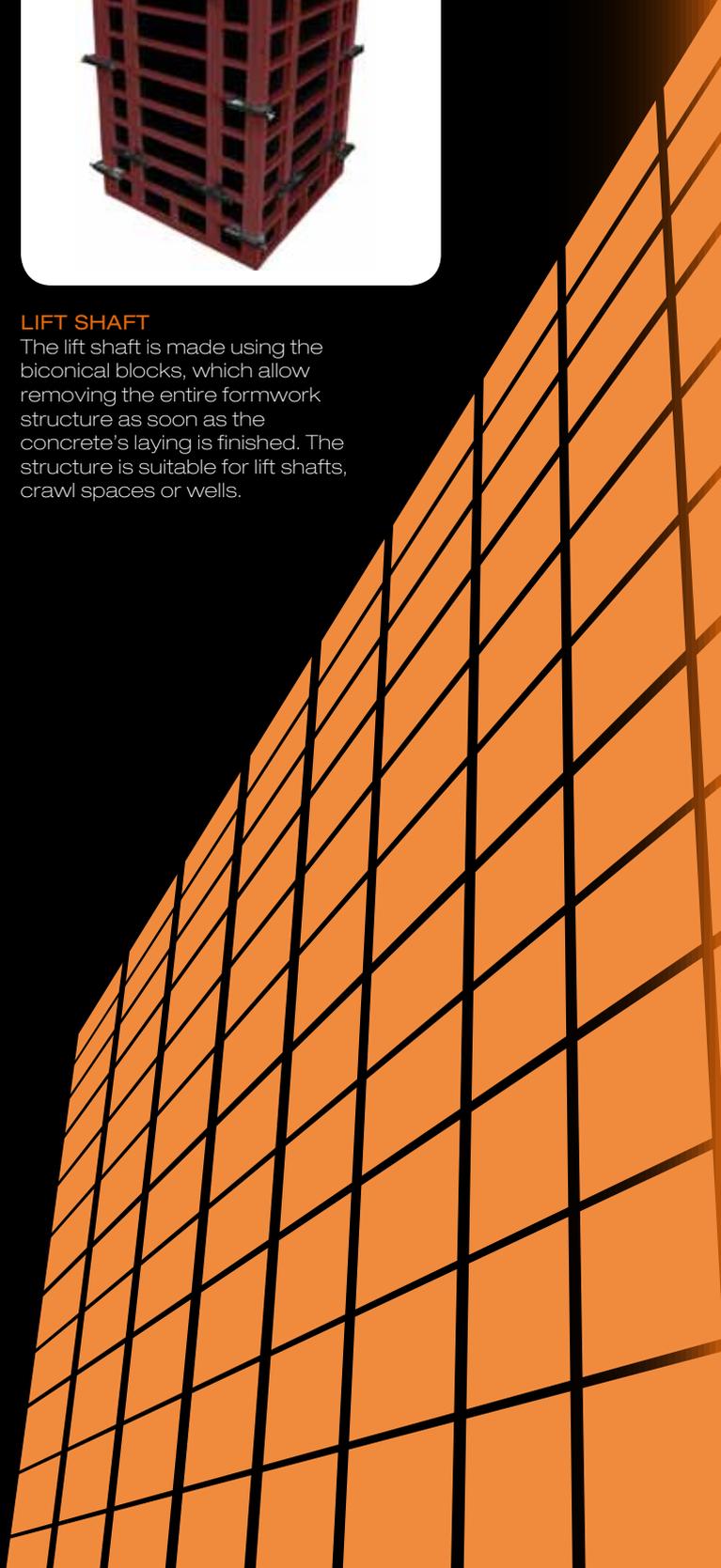
FOOTSTALL

It can be created with any type of formwork together with an exterior footstall clamp. For the internal footstall it's normally used the conical corner in order to remove the entire structure as soon as the concrete's laying is finished



LIFT SHAFT

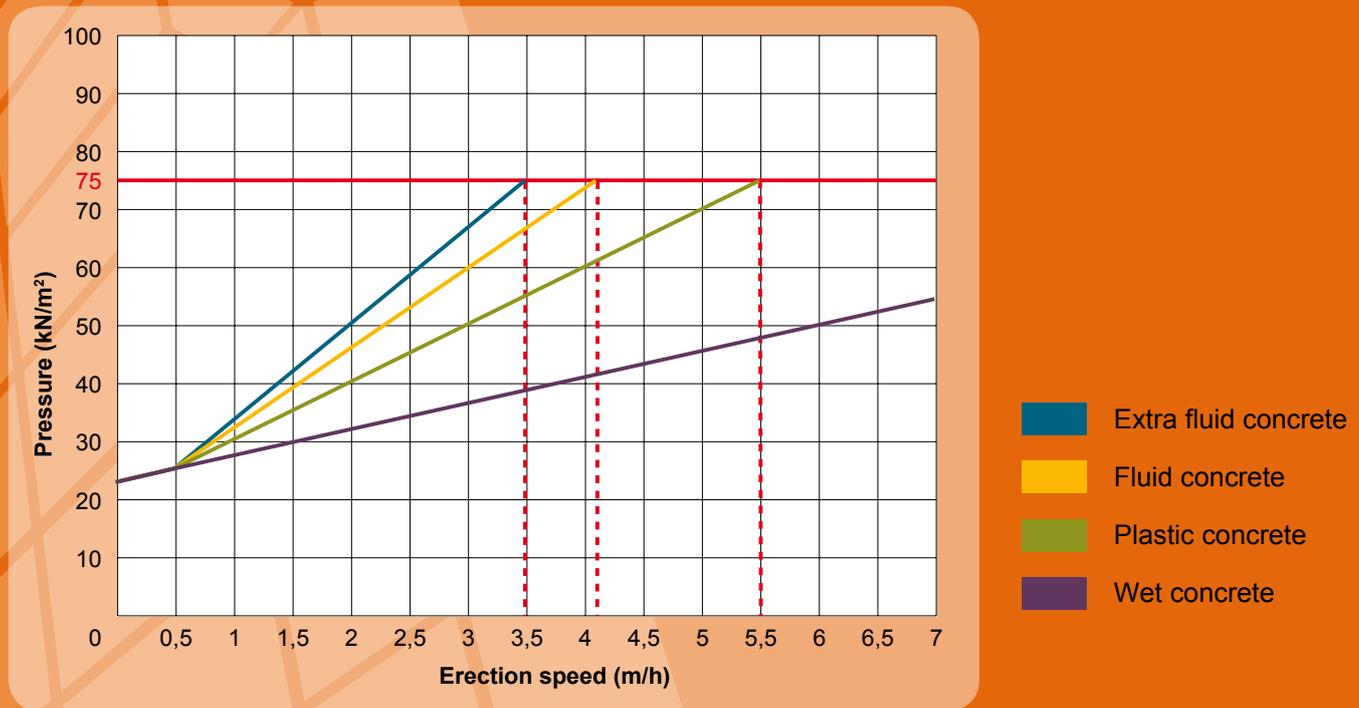
The lift shaft is made using the biconical blocks, which allow removing the entire formwork structure as soon as the concrete's laying is finished. The structure is suitable for lift shafts, crawl spaces or wells.



TECHNICAL INFORMATION

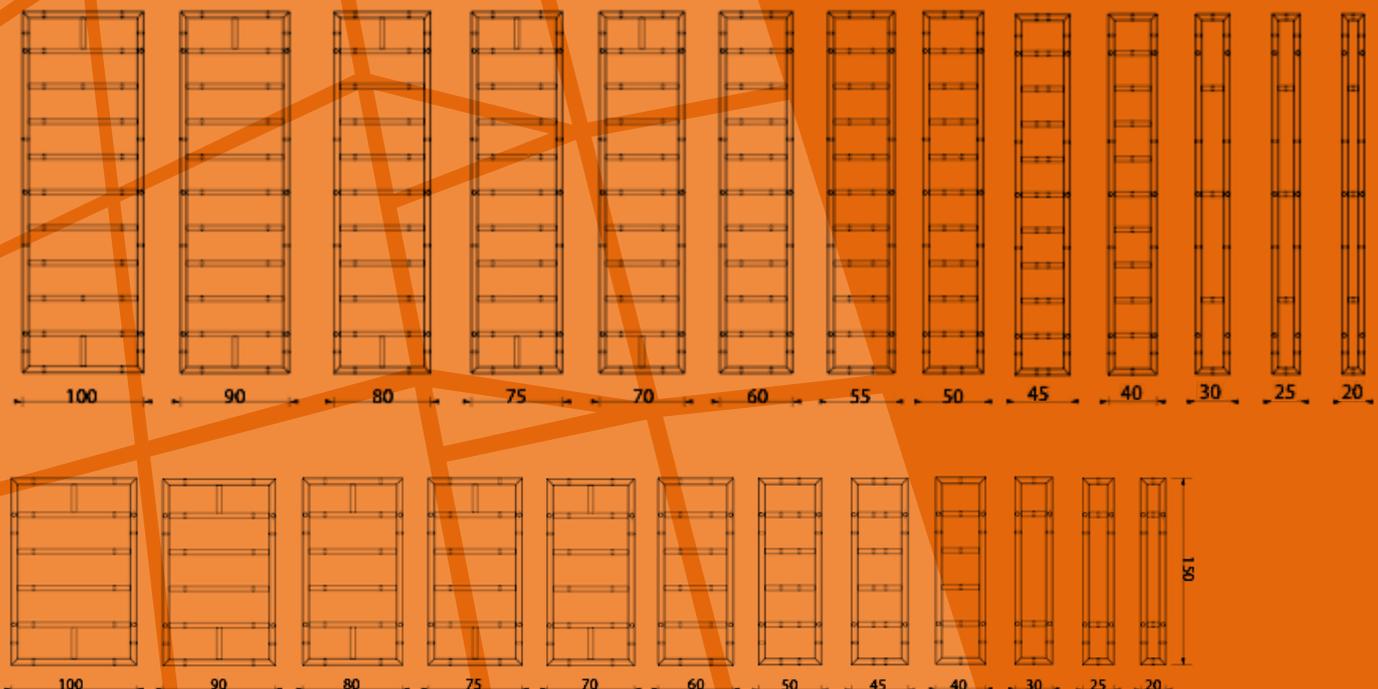
The "Easy" Formwork is made up of a steel frame (with a width of the profile of 10 cm) welded on the back side to crosspieces every 30 cm that assure a strength and solidity to the entire panel's structure. Finnish birch plywood, nominal thickness of 18 mm, made of cross-bonded 1.4 mm thick veneers completes the formwork. The plywood panels are glued with weather and boil-proof phenolic resin adhesive and the film on both sides is 220g/m². With these technical characteristics we got a formwork, which under DIN norms has 70kN/m² on the entire area and allows laying the concrete quite rapidly.

LAYING SPEED



STANDARD DOWNSIZES

Beyond the standard formwork with h 300 and h 150, we produce the measures h 330 and h 270





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