



FORMWORKS SPECIAL APPLICATIONS

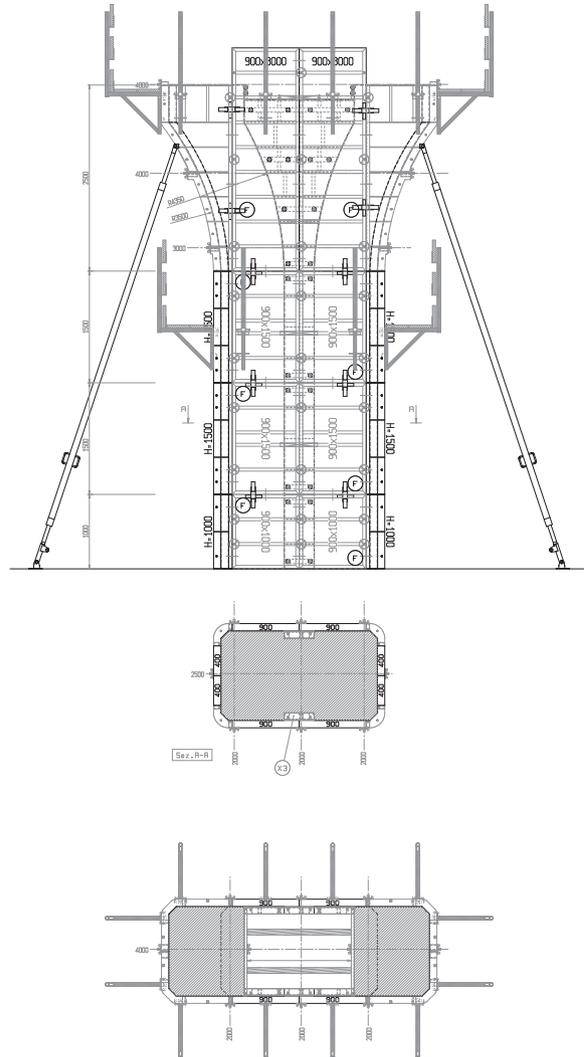
 Made in Italy

SPECIAL APPLICATIONS

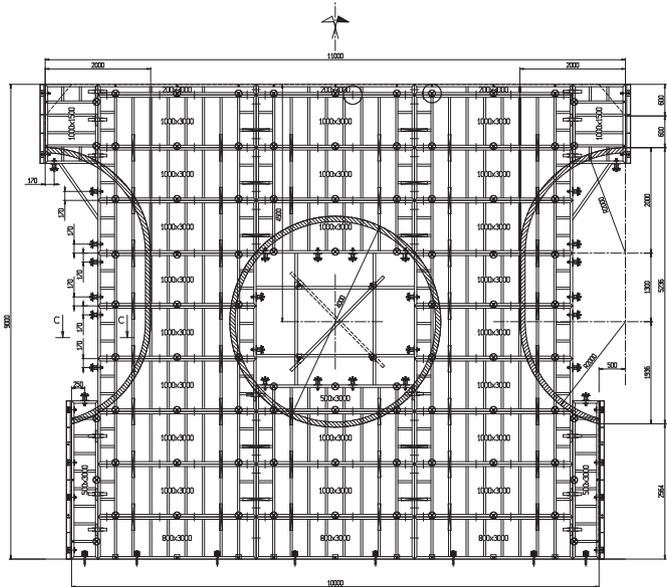
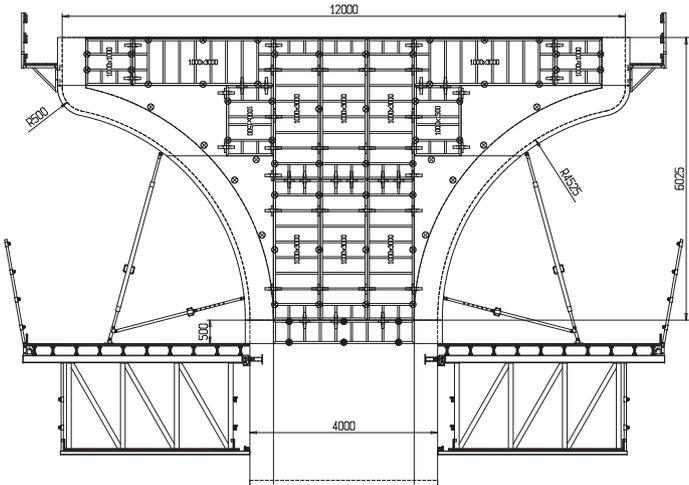
SPECIAL FORMWORKS FOR CASTING OF VERTICAL STRUCTURES

For special needs, such as pier or pier caps or pillars with particular shapes, the standard P300, MAGNUM 2.0 or MINIMAG systems are combined with special customized formworks. Completely special formworks are designed and manufactured for particular situations. The technical department designs the best solution and the components are completely carried out inside the carpentry department of Pilosio.

- Circular piers and any other shape.
- Pier caps according to designer drawings.
- Bridge parapets.

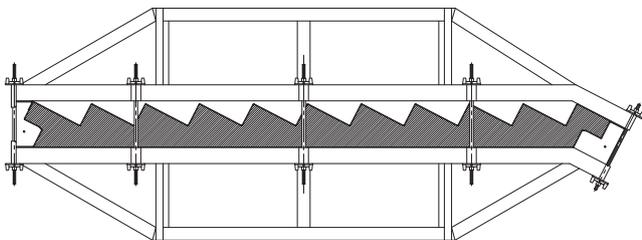


Baxcom - Bucharest Romania
Applications of modular frame formworks combined with special components in carpentry to perform piers and pulvinos for viaducts.



ADJUSTABLE FORMWORKS FOR STAIRS PREFABRICATED ON SITE

In large buildings the stairs are a repetitive element for all floors. By casting the flights a few weeks earlier than the slabs, it is possible to implement the stairs as the construction progresses. **Pilosio** has developed a special formwork for casting a flight on site which is cast on site during the other stages of work. This way, the stairs are immediately available and usable.



Formwork for stair flight with fixed rise and tread. Vertical casting.

The adjustable formwork is suitable for the horizontal implementation of stair flight with rise, tread, number of steps and adjustable width and with two landings. The formwork consists of a main frame on which the steps complete of devices for the adjustment by screw of the tread and rise, are placed. It is possible to reduce the number of steps and the width of the structure.

TECHNICAL CHARACTERISTICS

Rise: height from 14 to 18 cm

Tread: with from 27 to 33 cm

Rise number: from 4 to 16

Stair width: from 90 m to 300 cm

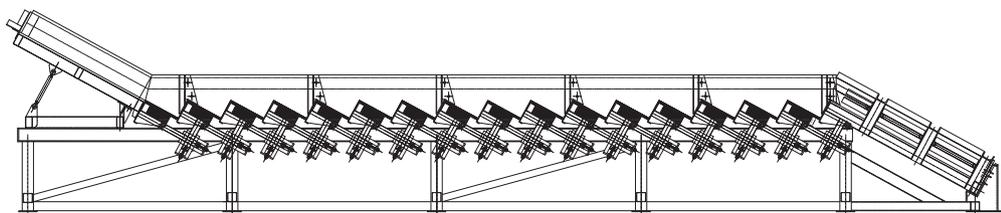
Casting thickness: from 10 to 20 cm

Landing: n. 2, length 150 cm with screws for inclination adjustment

Formwork dimensions: 870x335, height 150 cm



Adjustable formwork for stair flight.



SEWAGE SYSTEMS AND CONDUITS ON SITE

To save costs in the execution of sewage systems of any type of profile, **Pilosio** has developed a system for casting on site. The system can be of mechanical or hydraulic type and is based on a simple principle.

The formwork complete of hinges lays on a cart. Once the casting of the sewer profile has been carried out, by acting on the contrast screw-down it is possible to shrink the formwork and at the same time to lower it to allow the forward motion of the entire system for the next casting. The sewer profile can have an ovoid, polycentric, vigentino, rectangular, square or circular shape. In polycentric, vigentine and ovoid sewers the dismantling can be performed daily because the profile acts like an arc. The vertical panel of formworks for DOWN excavations can be used as inside formwork, making sure to interpose a sheet of polystyrene and one of PVC between the casting and the shoring panel to facilitate the dismantling.



Special formwork with hinges, with dimension of 220x220 cm and length of 6 m, designed for module, for the contemporary casting of vertical bearing walls and conduit room. During dismantling, the hinges allow changing the shape of the formwork approaching the vertical parts inward and lowering the top in order to move the entire structure under the other elements by using a cart on rails.

