

ROOF AND FLOOR TILE MAKING MACHINE



IPRE type

Concrete tile making machine

Prestressed concrete tiles, IPRE type for floor and roof.

Roof and floor tile making machine

IPRE TYPE TILES

MACHINE DESCRIPTION

The machine available in our stocks is a “ROOF AND FLOOR tile making machine” that can produce IPRE type prestressed concrete tiles.

Its frame length is 10800 mm, width 2900 mm that now is stocked in divided parts ready to shipment.

It can be used to produce prestressed tiles, which require a concrete lined pit in order to stabilize the four pneumatic cylinders for the stress process, or concrete tiles without the use of the latter ones.

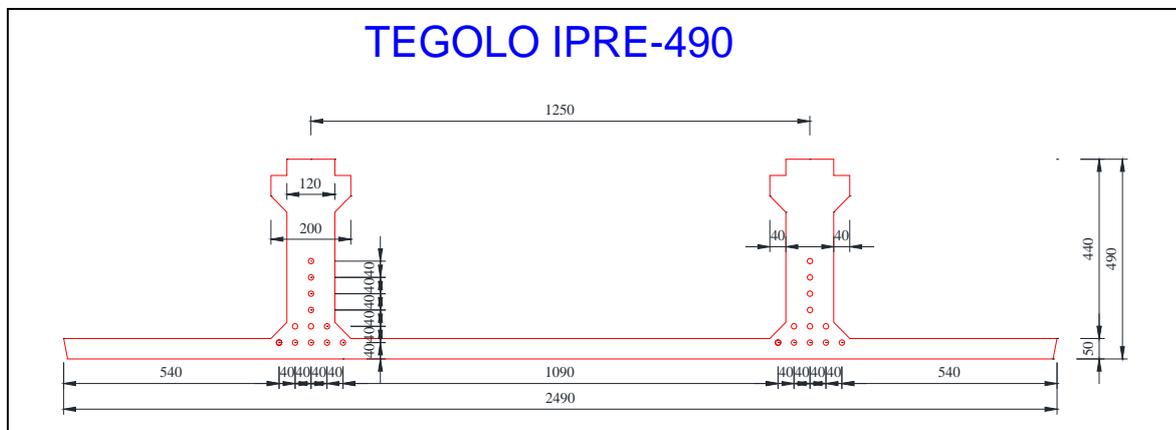
It is driven by a hydraulic system, already dismantled and composed of small tubes that can be easily assembled.

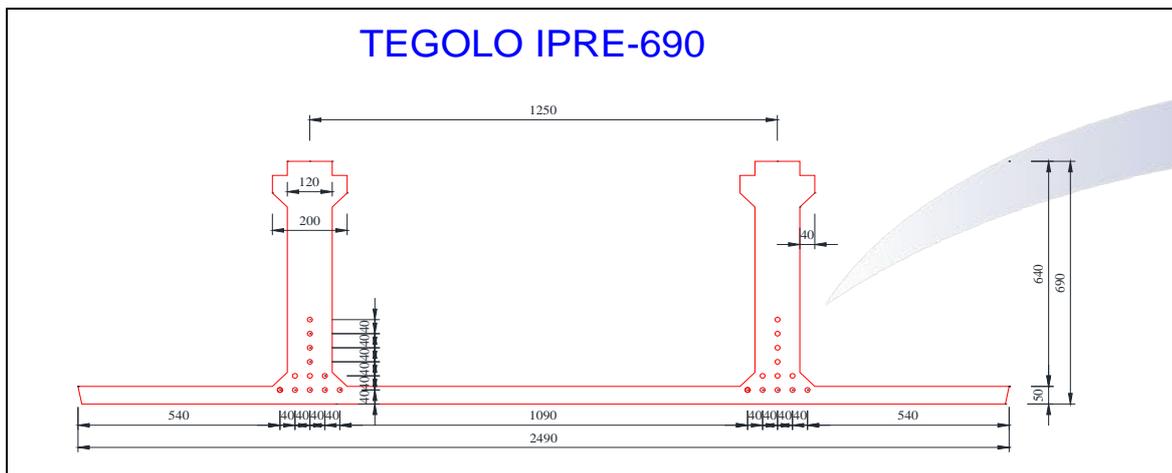
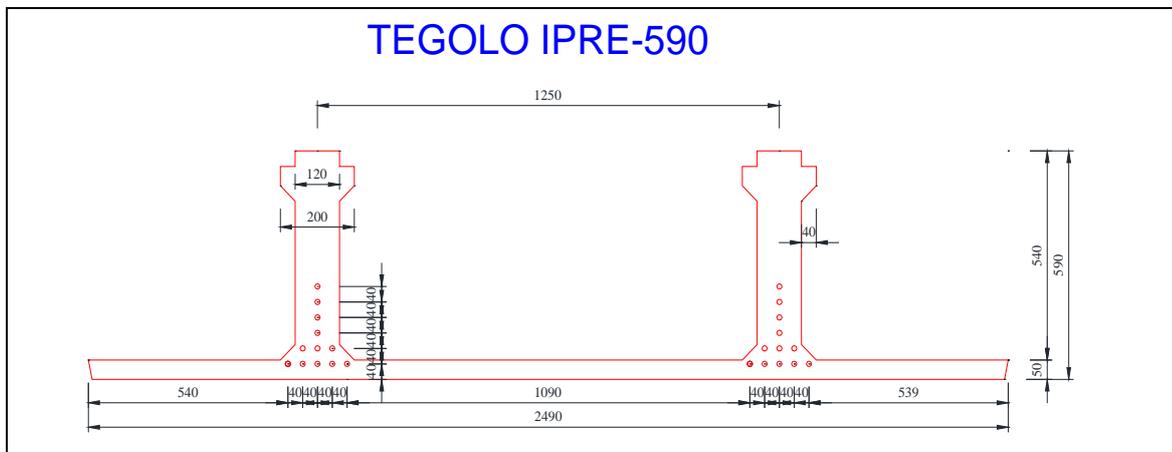
In addition, its electrical switchboard is integrated with an AUTEK radio-controlled remote, with transmitter and receiver fully working. It has been equipped with sensors and photocells for operations in full safety, that has to be completed as optional.

The tile machine has been tested and revised before stocking, and it is in full working conditions.

TYPE MAKING CAPACITY

It can produce IPRE tiles in three different sections of prestressed concrete. The sections vary by height, with configuration of 490 mm, 590 mm and 690 mm, and they are shown in the detail drawings below.





PARTS LIST

- 108 meter bench, sliced into n° 9 frames length 12000 (mm) each;
- N. 9 right external sides length 12000 (mm);
- N. 9 left external sides length 12000 (mm);
- N. 9 right inner sides, height 440 (mm), length 12000 (mm);
- N. 9 left inner sides, height 440 (mm), length 12000 (mm);
- N. 18 right inner upturn sides height 200 (mm) length 6000 (mm);
- N. 18 left inner upturn sides height 200 (mm) length 6000 (mm);
- N. 1 tensioner bar;
- N. 1 destresser bar;
- N. 4 pneumatic cylinders, n. 2 diameter 175 mm (75 ton) and n. 2 diameter 233 mm (100 ton) for prestressing process.
- N. 36 hydraulic cylinders placed onto the external sides;
- N. 36 hydraulic cylinders placed onto the bench;
- N. 1 general cabled switchboard;
- N. 1 radio-controlled remote Autec, with receiver and transmitter;
- N. 1 hydraulic power pack;
- N. 3 red lamps that indicates the tile machine working area;
- hydraulic system sliced into 3 sectors, placed on both side of the bench;
- N. 20 headers stop jet;
- Dywidag bars for sides fixing.