

**PRIMA**  
(English)



**poyatos**

## PRIMA L



*Pneumatic clamp for manual cubing.*



It is the same press model **PRIMA** but upgraded with higher automation, adding one set elevator-lowerator to help the transfer of pallets with green blocks to curing rooms and one manual clamp or automatic cuber to make easy the cubing of final packages.

With those additions the demand of manpower is reduced, making the production process more dynamic and increasing the productivity of the installation.

*Automatic cuber.*



## PRIMA



This is an economical model for entrepreneurs in developing countries with a project to manufacture quality concrete products at industrial level or to those aiming to produce some special products.

Based on a stationary press with a considerable productivity, moreover it is a robust and extremely user friendly installation with minimum maintenance and the simplest civil work.

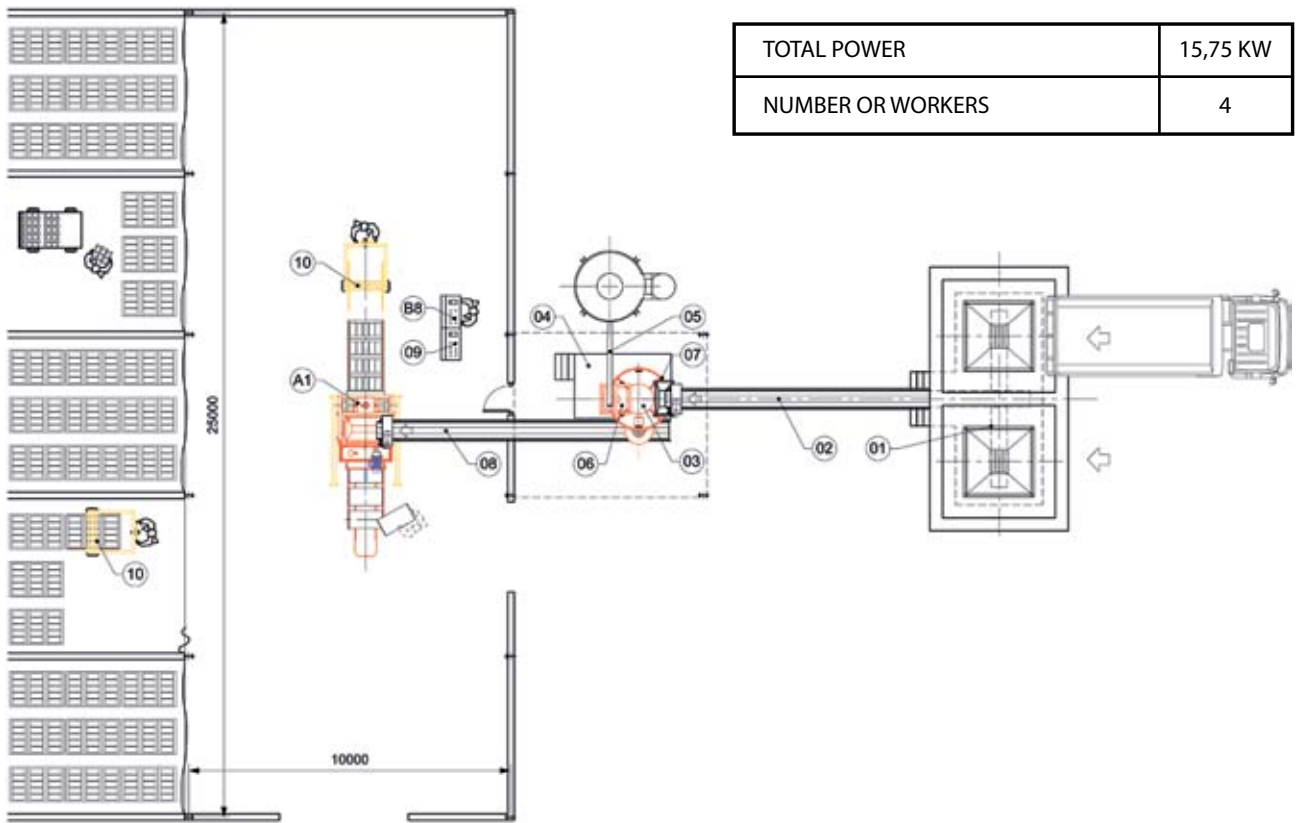


Both the production of concrete and the products making are full automated processes.

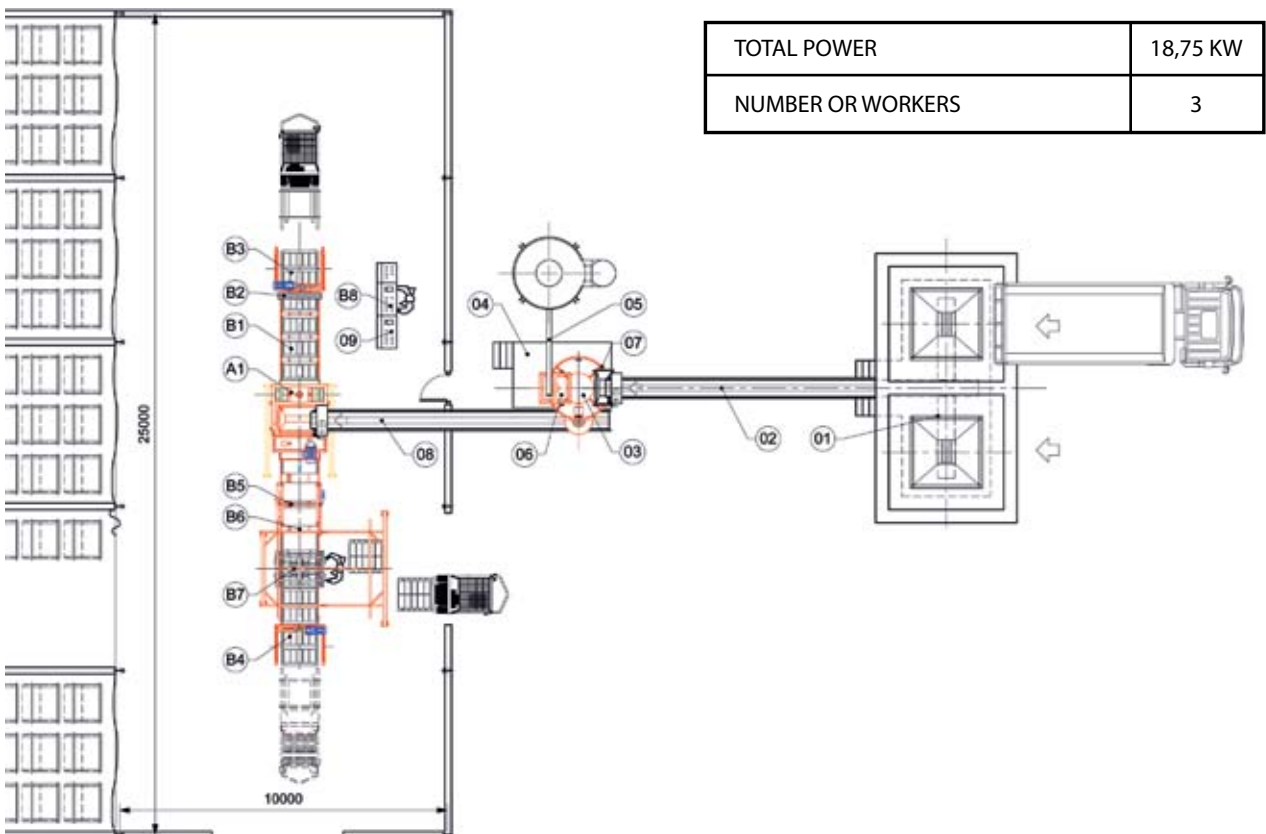
Once that the products are manufactured over wooden or steel production pallets, those are removed by one operator with the help of a trolley to transfer them to the curing rooms alongside, where they would be manually palletised in a later stage.



## PRIMA



## PRIMA L



A1	Static block press mod. PRIMA.
B1	Pallet injector.
B2	Cleaning brush for blocks.
B3	4 levels elevator.
B4	4 levels lowerator.
B5	Pallet turnover with cleaning brush.
B6	Pallet lubrication system.
B7	Manual cuber (or automatic cuber).
B8	Control panels.
01	Dosage unit.
02	Aggregates collector belt.
03	Mixer mod. MF-500 turbo.
04	Mixer stand.
05	Screw conveyor for cement.
06	Cement weight scale.
07	Water dosage timer.
08	Lifting conveyor belt for concrete.
09	Control panel.
10	Trolleys (to remove pallets from press).

### Technical data:

- *Pallets size:* 1080 x (560 or 680) mm.
- *Useful working surface:* 1020 x (520 or 640) mm.
- *Products height:* from 50 to 250 mm.
- *Cycle time:* 18 - 25 seconds.
- *Average output for blocks per hour:*  
1100 blocks 20x15x40 cm.
- *Average output for paving stones per hour:*  
64 - 72 m<sup>2</sup>.
- *Minimum factory surface:* 700 m<sup>2</sup>.
- Control panel with programmed automata (PLC) with digital console and data storing.

### Vibration:

- One vibrating table.
- Permanent oil bath with minimum maintenance.
- Maximum vibration power: 47,6 kN.
- Power: 7,5 kW.

### Hydraulic unit:

- Water cooling system.
- Power: 11 kW.



PRIMA / PRIMA L



poyatos



poyatos

Polígono Industrial Juncaril. C/ Loja 119  
C.P. 18220 Albolote (Granada) SPAIN  
Tel: +34 958 466 990 Fax: +34 958 467 118  
poyatos@poyatos.com  
[www.poyatos.com](http://www.poyatos.com)