

SYNCRO (English)



poyatos

SYNCRO L / SYNCRO U



The concrete products making machine model SYNCRO works with either wooden or steel production pallets ranging in length from 1.200 to 1.400 mm. and in width from 600 to 900 mm.

The SYNCRO is a stationary and automatic block machine, robust but user-friendly for its operation and maintenance alike and with a significant productivity, mounting a frequency controlled synchronised system of vibration powered by a 15 kW motor.



The circuit of the plant may go aligned in line or in U shape, with a set of 5 levels elevator and lowerator stackers to help the handling of the production pallets to the curing chambers by means of a forklift. For the packing optionally a pneumatic or an automatic electronic cuber can be installed.

Equipment to manufacture products with second layer (face mix) can be supplied with this machine in all its different options.





Details of pneumatic clamp for manual cubing.

TECHNICAL DATA

Dimension of production pallets (mm.):
(1200 - 1400) x (600 - 900).

Useful working area (mm.):
(1160 - 1300) x (520 - 840).

Height of the products: **50 - 300.**

Cycle time: **16 - 18 segundos.**

Number of operators: **2 - 3.**

Average production of blocks per hour:
1500 blocks 20 x 15 x 40 cms.

Average production of paving stones blocks per hour: **100 m².**

Minimum area for complete plant: **1.000 m².**

Control panel with PLC and touch screen terminal permitting to access all variables and save data related to production, warning messages of faults, information about number of products manufactured, palletized, running and down time, consumption of raw materials, ...) and complete synoptic displaying operation and breakdowns information.

VIBRATION:

One vibrating table.

Greasing in continuous oil bath (minimum maintenance).

Maximum vibrating force: **71,5 kN.**

Maximum power: **15 kW - 18,5 kW.**

HYDRAULIC GROUP:

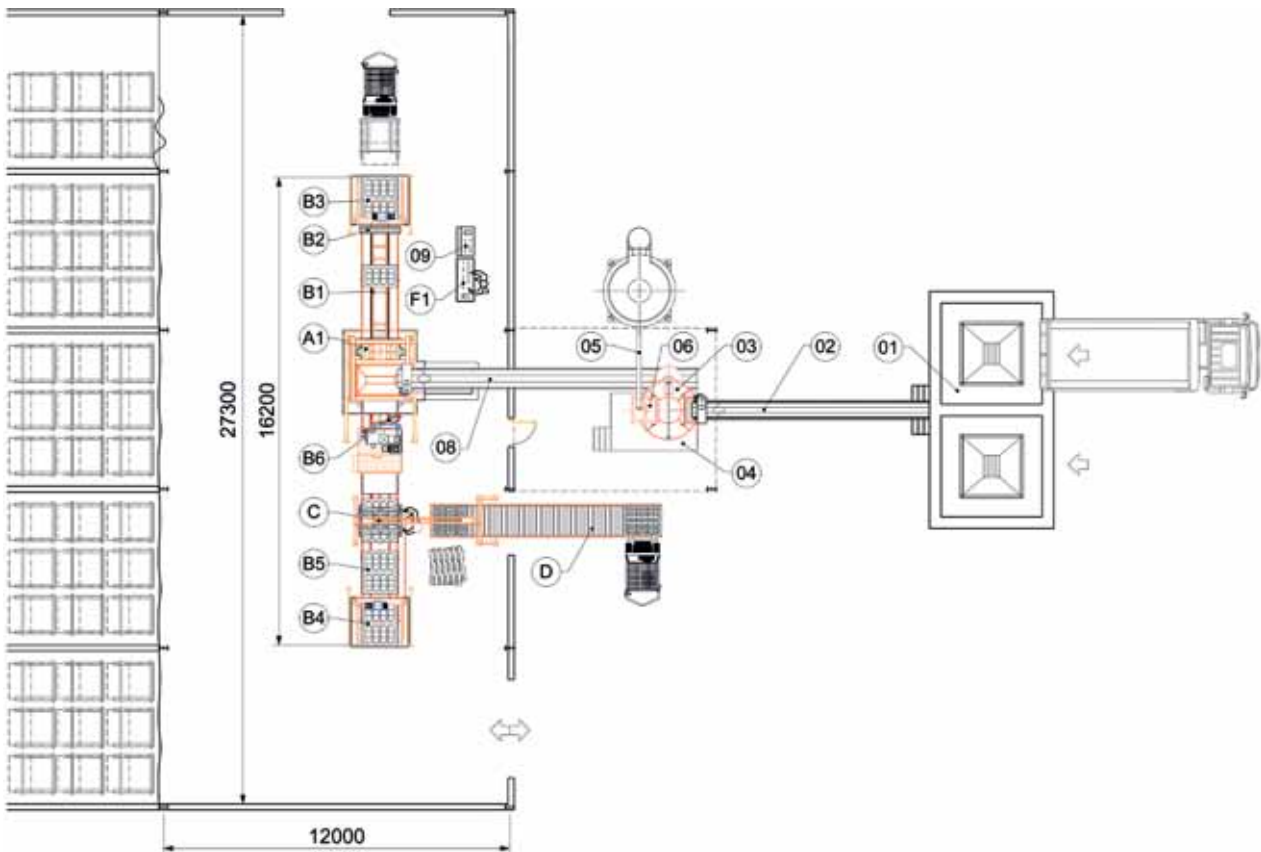
Cooling by water.

Power: **22 kW.**

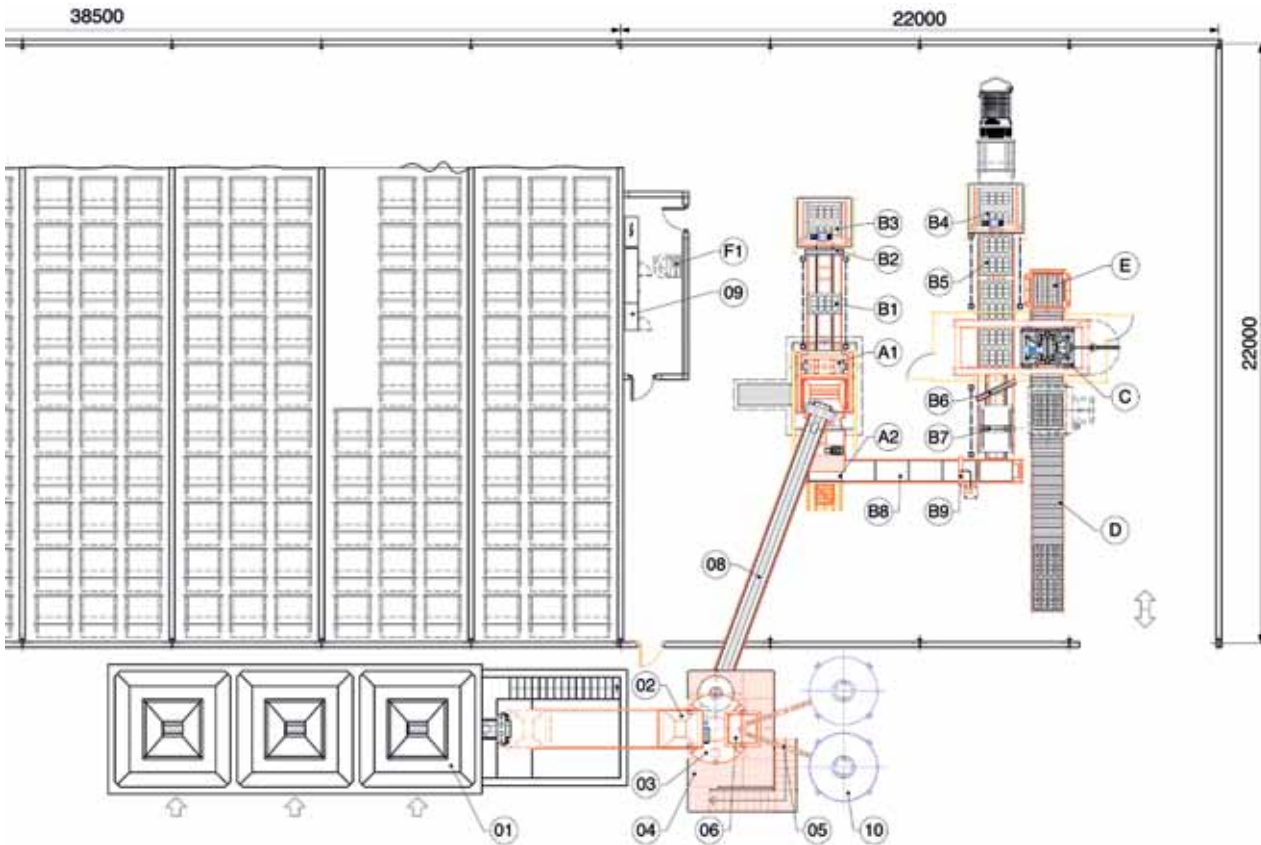


Details of automatic electronic cuber.

LAYOUT IN LINE: SYNCRO L



LAYOUT IN U: SYNCRO U



- A1 Vibro-compressing block machine model SYNCRO.
- A2 Magazine injector of pallets.
- B1 Conveyor of pallets from block machine to elevator.
- B2 Cleaning brush.
- B3 5 levels double pallet elevator.
- B4 5 levels double pallet lowerator.
- B5 Conveyor of pallets in twos.
- B6 Brush for pallets cleaning.
- B7 Pallets turnover.
- B8 Injector to return pallets.
- B9 Pallets lubricator.
- C Automatic cuber.
- D Roller track.
- E Pallets magazine.
- F1 Control panel.
- 01 Dosing group.
- 02 Complete skip set – conveyor belt.
- 03 Turbo mixer model MF – 1125 / MF-750.
- 04 Holding frame for mixer.
- 05 Screw conveyor for cement.
- 06 Weighting scale for cement.
- 07 Dosing of water.
- 08 Conveyor belt for concrete.
- 09 Control panel.



The circuit in U shape allows adding turning over and lubricating stations for production pallets.

SYNCRO L / SYNCRO U





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