

| NOVABLOC

TECHNICAL DATA

Size of production pallets:
(1200 - 1400) x (550 - 900) mm.

Useful working area:
(1120 - 1300) x (510 - 850) mm.

Height of the products:
from 25 to 300 mm (optional 400 mm).

Cycle time:
10 - 14 seconds.

Average production of 20 x 20 x 40 cm (8")
blocks per hour: 1700 - 2800 pcs.

Average production of 20 x 15 x 40 cm (6")
blocks per hour: 1800 - 3900 pcs.

Average production of paving stone blocks
(single layer) per hour: 135-215 m².

Minimum area for the plant (for equipment and
curing chambers): 1.500 m².

VIBRATION

One vibrating table.

Servomotors with independent forced ventila-
tion for continuous operation.

Greased in permanent oil bath (minimum main-
tenance).

Maximum strength: 98 kN.

Power: 4x15 kW.

Power upper vibration: 2x3 kW.

HYDRAULIC GROUP

Cooling by air.

Power: 22 kW.



Polígono Industrial Juncaril, calle Loja 119
18220 Albolote (Granada) SPAIN

+34 958 466 990
poyatos@poyatos.com

poyatos.com

Growing with you

| NOVABLOC

NOVABLOC

NOVABLOC

Servo-driven vibration system

The Novabloc concrete products making machine is equipped with a servo-driven vibration system with 4 servo motors, consisting of a **vibrating table with four eccentric masses**, which allows **all vibration parameters** to be controlled: frequency, amplitude, speed of phase changes, etc.

The Novabloc machine can be offered to manufacture on either **wooden, steel, or plastic production boards** with dimensions ranging from (1200 - 1400) to (550 - 900) mm. and optionally equipped to manufacture face mix products.

For the handling of the pallets with products, the Novabloc is equipped with one **automatic finger car**, customized to the requirements of each project in terms of number of floors, loading capacity, rotating platform,... A manual or automatic buffer system for production boards can be included as well.

The Novabloc line includes an automatic **electronic cuber/palletiser**, held by a **double central column**, with high speed up and down movements and independent



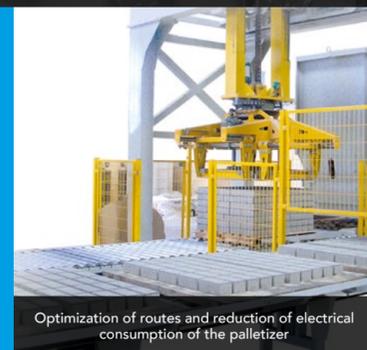
All-wheel drive automatic fingercar for increased operating speed



Greased in permanent oil bath (minimum maintenance).



Precision filling system developed by Poyatos.



Optimization of routes and reduction of electrical consumption of the palletizer

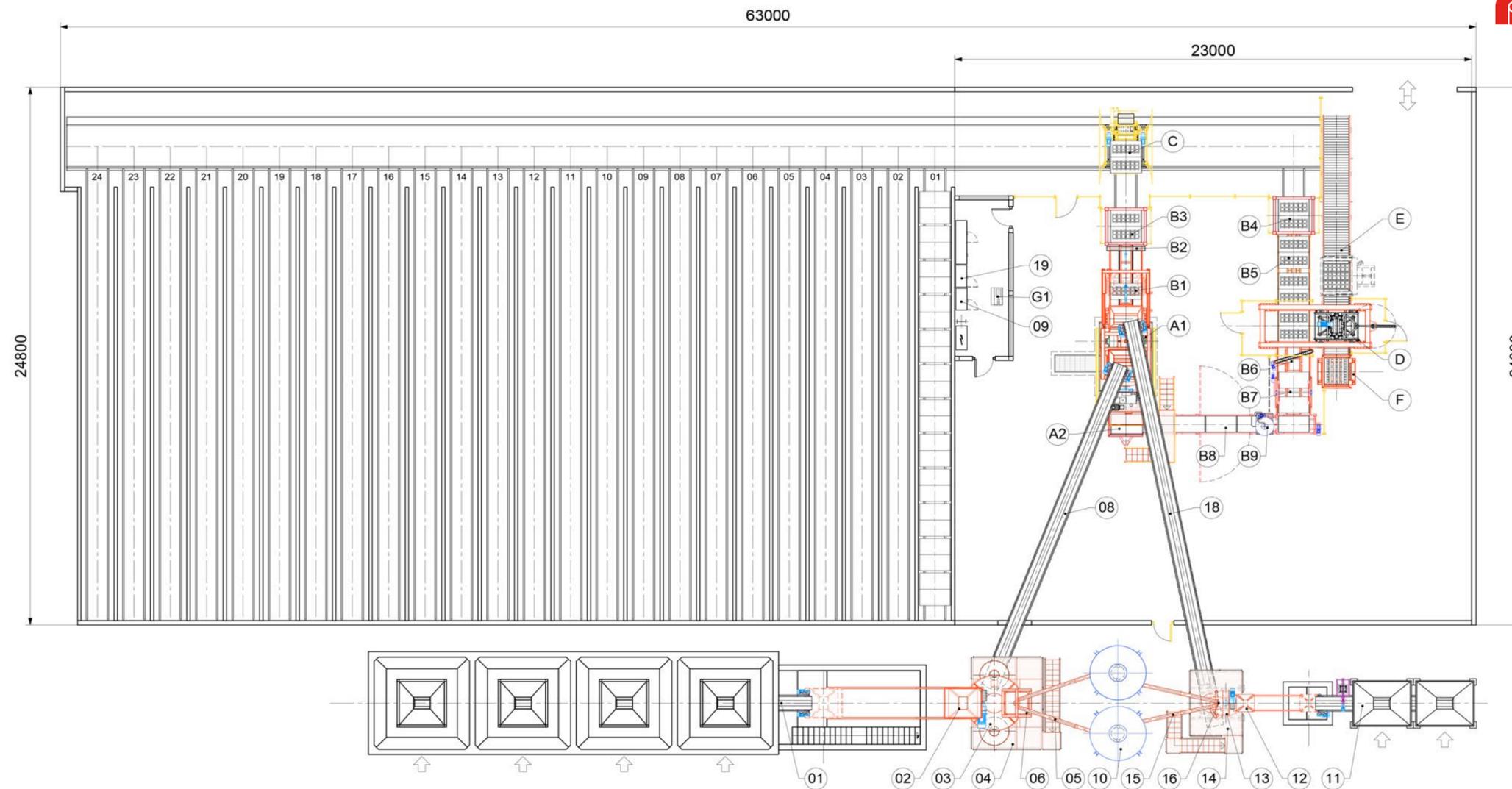


Free or charge online remote access service

clamping from both directions, controlled by encoder to apply to each product the right pressure parameters (duly saved for each product at the running program). It can be equipped with optional vacuum system for stacking thin pavers and slabs.

There is a wide range of options to remove the packages with products out of the line according to the requirements of each project, such as roller track conveyor, slat conveyor or railway wagon.

Customized software program provides all kind of information about the machine performance, maintenance, management data (output, consumption of materials, incident notices...). The touch screen allows an easy and intuitive management of the program. Online support service allows the remote access to the program in the event of dire incidents if required.



CONFIGURATION PLAN

A1 VIBRO-COMPACTING MACHINE MODEL NOVABLOC	B9 LUBRICATOR OF PALLETS	1 DOSING GROUP	11 DOSING GROUP FOR 2ND LAYER
A2 MAGAZINE INJECTOR OF PALLETS	C FINGER CAR	2 COMPLETE SKIP HOIST	12 COMPLETE SKIP HOIST FOR 2ND LAYER
B1 CONVEYOR OF PALLETS FROM MACHINE TO ELEVATOR	D AUTOMATIC CUBER	3 MIXER	13 MIXER FOR 2ND LAYER
B2 CLEANING BRUSH	E ROLLERS TRACK	4 PLATFORM AND HOLDING FRAME	14 PLATFORM AND HOLDING FRAME FOR 2ND LAYER
B3 10 FLOORS ELEVATOR WITH 2 PALLETS AT EACH	F MAGAZINE OF SHIPPING PALLETS	5 SCREW CONVEYOR FOR CEMENT	15 SCREW CONVEYOR FOR CEMENT
B4 10 FLOORS LOWERATOR WITH 2 PALLETS AT EACH	G CONTROL PANEL	6 CEMENT WEIGHTING SCALE	16 CEMENT WEIGHTING SCALE FOR 2ND LAYER
B5 CONVEYOR OF PALLETS (FOR 2)		7 WATER DOSING	17 WATER DOSING FOR 2ND LAYER
B6 BRUSH TO CLEAN PALLETS		8 ELEVATING BELT FOR CONCRETE	18 ELEVATING BELT FOR CONCRETE OF 2ND LAYER
B7 PALLETS TURNING DEVICE		9 CONTROL PANEL	19 CONTROL PANEL
B8 INJECTOR OF PALLETS		10 SILOS FOR CEMENT	