



Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries



Date : 04/25/2024 - 5:31 PM *
EXF # : MA-010743
Category : MATL. HANDLING-AUTOMATION
Brand / Model : R B O "SELECTA S"
Machine Type : AUTOMATIC VACUUM STACKER & UNSTACKER
Year of Mfg. : 1999
Condition : Very good condition
Elect / Voltage : 400/440 V, 50/60 Cy, 3 Ph.
Special Note : Make Offer

FOB / Region : EUROPE

Appr. Repl. Cost. : € 110,000

Price : €0 *

Comment : Motivated seller says, "Make a REASONABLE OFFER!"

Leasing : Contact NCL for quote

* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **RBO - SELECTA S, ...Automatic Vacuum Stacker & Unstacker**
- **Specifications:**
(4) Stack Preloading positions with powered roller ways making it possible to change the stacks automatically.

The roller ways allow the operator to prepare the stack while the machine is working; at the end of the working cycle, the stack is introduced and automatically positioned into the machine; steel rollers pulled by a chain driven electric motor.

Variable roller way conveyor speed from: 49 - 246 FPM (15 - 75 MPM); max. load capacity: 3,500 kG (7,700 Lbs).

- **Working Dimensions:**
Panel length: Max. 125.9" (3,200 mm); min.: 11.8" (300 mm); width max.: 47.2" (1,200 mm) for single panels each side & 27-1/2" (700 mm) for (2) panels each side; min width each side: 6" + 6" (150 + 150 mm); thickness max. is 2' (50 mm) & min. is 0.47" (12 mm); weight max. is 220 Lbs (100 kG).



Please ask me

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- **Technical Data:**

Max. speed: (4 - 5) Cycles/Min; compressed air: 5 - 10 NL/Min; installed power: 12 HP (9 kW); stack height max.: 59" (1,500 mm) at 9/8" (250 mm) roller way height; roller way height adjustment: 9.8" - 11.8" (250 - 300 mm); automatic stack change unit with a powered roller way inside enables the feeding of a new stack & enables the unloading of stack.

- **Feeding Patterns:**

Conveyor to feed panels lengthwise, with 15° left incline PVC coated rollers pulled by small belts driven by a variable speed motor; the number of panels to be fed is controlled by a counter.

- **Pickup System:**

Equipped with: (2) Alloy bars, each (1) equipped with: (22) Suction cups (44 total cups). - The (2) rows of vacuum cups are driven by a 40 cbm/Hr Vacuum Pump and are automatically adjustable in the width from the control box.

(1) Vacuum Cup Frame consists of: Bridge structure with double-beam frame of tubular steel. Carriage travels horizontally by means of inverter and tooth belt; vertical travel of the column, which holds the Pickup System by means of inverter and flat belt. Both movements are driven by a synchronous 3-phase motor.

- **Optimization device:**

Pickup System range according to the stack height is automatic; control of the horizontal carriage position is made by an encoder. No adjustment is needed in case of panel dimension change.

- **Operator & Machine Control:**

Separate control board with Programmable Logic Controller (PLC is an OMRON "NT20S" model), which controls the machine working cycle. The control board is equipped with a touchscreen keypad to change the working parameters according to the panel dimensions.

The keypad enables inputting all necessary data for the machine working and receiving messages for the Operator: Diagnostic messages, alarms, and/or instructions; or to modify the working parameters directly, all simultaneously.

The keyboard includes a Graphic terminal with: (12) Function keys & visualizes pages for the definition of messages and numerical data. All information visualized on the keyboard can be translated in all major languages and is supported by graphics or symbols.

- **Complete with:**

(2) Automatic opening safety gates at the stack infeed side; the entire machine is fenced off by wire mesh panels that will protect the working area of the Pickup System.

- **Actual Model is RBO "SELECTA S".**

NOTE: EX-FACTORY's Logistic Department is experienced and setup to provide "Full Service Logistics" from Overseas Suppliers to your Door. ...Packaging, Container Loading, Ocean Freight, Marine Insurance

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(door to door), US or Canadian Customs, Duty and domestic shipping to your Plant Door.

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