

Horizontal Boxing Machine



General Description

- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- Working with Guk
- Motion Control 1 ms cycle time
- OCT Single-cable servo motors
- Scada Display
- Unlimited Recipes
- Remote Access: the ability to access and interfere with machine screens from your desk or being able to see the production quantities.
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Safety contact door and emergency stop
- On-screen reporting of servo motor temperatures and powers
- Automatic acceleration and deceleration according to the input product amount
- OP System: Over power protection due to wrong setting, safe operation with torque control
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Thanks to analog cards, all controls are on the screen.
- Fault display with graphics
- Fault description in setting language
- Graphically defined money for easy setting meters
- Box length and width change with a single mechanical adjustment motorized box carrier
- Box carriers with millimeter counters
- Jog mode

- Dry vacuum pump
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxes used on the machine are Bonfiglioli.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Easy change in a short time
- Ease of maintenance and service

Technical Specifications

- System: Linear
- Working Principle: Non-stop
- Construction: Chassis is stainless steel, other visible surfaces are anodized aluminum
- Control unit: Beckhoff
- Packaging: Glass, Plastic, Metal
- Box width: 30-80mm (Can be designed according to customer's product)
- Box width: 20-70mm (Can be designed according to customer's product)
- Box height: 50-200mm (Can be designed according to customer's product)
- Electricity requirement: 380V, 50Hz, 3 Phase
- Air requirement: 6-8 bar
- Energy consumption: 3kW
- Air consumption: 200lt/min
- Weight: ~1500kg
- Capacity: 50-150 BPM (may vary depending on product and box.)