

## *Rotary Labeling Machine M-ETK-D01*



### **General Description**

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- OCT Single-cable servo Motors
- Input is full, output is full and all sensors in the machine report an error on the screen.
- Reporting of servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- Determining the position with the camera and sticking the label to the desired coordinates
- Ability to use 5 modules, infrastructure suitable for non-stop use
- All Controls On-Screen, thanks to analog cards
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ( $\pm 1\text{mm}$ )
- Automatic label size recognition and automatic correction of errors
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

## Technical Specifications

- System: Rotary
- Working Principle: Non-stop working
- Construction: Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
- Control Unit: Beckhoff
- Packaging: Plastic, glass, metal
- Package Diameter: \*Designed according to the customer's demand.
- Module Speed: 50m/min Servo Motor
- Label Type: Self-adhesive (sticker)
- Label Height: 20mm-150mm / 20mm-230mm (only one option available on the machine)
- Roll Inner Diameter: 74mm
- Roll Outer Diameter: 300mm
- Electricity Requirement: 380V, 50Hz, 3 phases
- Air Requirement: 6-8 Bar
- Energy Consumption: 6.5 kW
- Air Consumption: 300 lt/min
- Weight: ~1300 kg
- Capacity: It varies according to the package diameter and label length.