



BT230SR ENVELOPER

FLEXIBLE AND EFFICIENT

Versions available for processing PE envelope, leaf and PE & glassmat processing. Servo driven envelope feed, cutting and main drive ensure user friendly and reliable operation. The machine is capable to produce up to 120 enveloped plates per minute.



FAST
DELIVERY



EXPERT
CRAFTING



PREMIUM
SERVICES

LOOK BEYOND
RUDIMENTAL
EXCEL IN
ASSEMBLY

Flexible, durable and cost efficient products brought you with remarkable performances. Brilliant designs and precision crafting in machining culminate in expertly fabricated machineries.

The machine can process PE elements with high precision. Stable frame with powder coated corrosion protection. Compact and enclosed body for easy dust collection. Built-in exhaust channels for efficient dust aspiration. Frame bottom side dust collect drawers.

Servo main drive system with heavy duty precision transmission gearboxes ensure accurate synchronization of the machine drive elements.

The machine is equipped with three plate infeed conveyors. Enlarged and ventilated plate infeed conveyors where plates individually oriented at three sides (left/right/bottom) for perfect plate pickup. Easy and fast plate type changeover features through designated spacers.

Motor driven robust extractor mechanism for smooth and reliable operation.

Vertical element exit conveyor can be easily adjusted for wide range of element specifications. Individually driven with inverter control smoothly moves elements. All elements are vertically and horizontally aligned by alignment system which can easily and quickly be adjusted for various element specifications.

Versatile HMI programming enables tracing of machine speed, data counting and optional setting configuration.

Machine can process most of the plates in automotive size battery manufacturing.



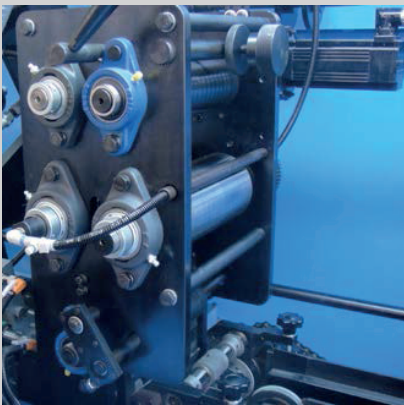
ENVELOPER BT230SR

Vacuum produced by heavy duty blower fitted with filter. Vacuum is channeled through machine frame for trouble free and durable vacuum transmission.

Plate feeder system with vacuum pick head designed to ensure optimum plate picking performance. Plate feeder can be easily adjusted for different plate specifications.

Motorized separator decoiler with feed control. Servo drive separator feeding and individual servo driven rotary cutting and folding device. Separator length adjustment by servo drive.

Shuttle driven by main drive ensures reliable plate insertion into the enveloping station where separator is guided with both roller and linear guide ways.



Integrated plate detection system in coordination with vacuum by-pass unit at the first and second plate feeder guarantees accurate plate stacking capability. All plate feeding units are fitted with plate detection sensors for smooth and correct element building.

Six disk stacking wheel ensures reliable stack building, driven by machine main drive for smooth operation.



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Machine can process most of the plates in automotive size battery manufacturing.

Plate width: 107-150mm

Plate height: 95-175mm

Plate thickness: 0,9-2,5mm

Element: 20-115mm

OPTIONAL FEATURES

- Leaf type separator integration
- Separator splice for easy separator feeding
- Polarity sign painting
- Lug counting
- Lug brushing
- Escape system for COS loading
- Oversize plate processing
- Spare part set

PLC: Siemens S7
HMI: Siemens
Electric: 220/380V - 3Ph - 50/60Hz
Required Power: 9 Kw

Average Consumption: 6 Kw
Compressed Air: 6 Bar - 2 cbm/h
Pneumatics: Festo & SMC
Operation Flow: Right Hand

AC Motors: SEW
Servomotors: SEW
Capacity: 120 envelope/minute
Typical Weight: 4200 Kgs