



AGM Wrapper & Stacker

The machine can process both PE and AGM 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 two 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.

QUICK OUTLOOK

- Reliable design and operation
- Two identical infeed conveyor
- Vacuum by-pass for correct element making
- User friendly operation
- Up to 110 envelope per minute
- Up to 80 AGM wrapped plates per minute
- Comprehensive technical documentation and efficient after-sales support

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.

Servo driven shuttle ensures reliable plate insertion into the wrapping station for both wrapped plate inside or outside element configuration thanks to feeding by-pass system.

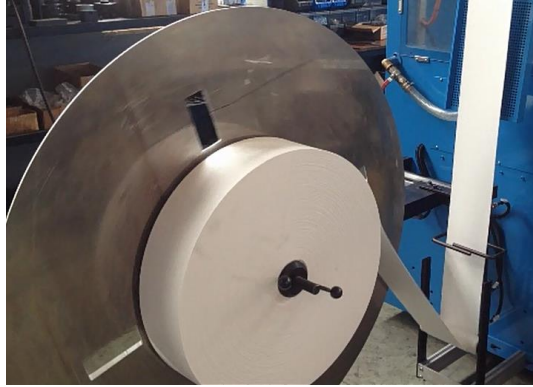
BASIC FEATURES

- Both PE and AGM processing
- Heavy duty frame
- Standard vertical conveyor
- HMI with easy stack programming
- Stacking made by stacking wheel

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.

Motor driven chain extractor mechanism for non-push type element extracting for elimination of separator damage.



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.



Machine is fitted with colour mark detector (for PE application) for machine stop in case of defected separator sector. Easy and fast stacking programming. Machine lighting provided at three sectors of the machine.

AVAILABLE SERVICES

- Full English documentation in hard and soft copy
- Installation & commissioning
- Remote access PLC support
- Phone support
- On-site service support
- 12 month warranty

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

Machine can process most of the plates in automotive size and medium VRLA battery processing.

Plate width: 107-150mm
Plate height: 95-175mm
Plate thickness: 1,0-2,5mm
Element: 20-115mm

OPTIONS

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

TECHNICAL DATA

Capacity	:	Up to 110 enveloped plates per minute / 80 AGM wrapped plates per minute
PLC	:	Siemens S7
HMI	:	Siemens TP177 series
Pneumatic	:	Festo / SMC
Electric	:	220/380V – 3 Phases – 50/60 Hz.
Installed Power	:	8 Kw
Compressed Air	:	6 Bar – 2 cbm/hr (clean and dry air)
Typical Weight	:	4.200 Kg (uncrated)