PLATES
Number of HS-Plate Magazines 2
Enveloped Plates/min. (for AGM/PE) up to 120
Maximum Element Thickness 125 mm
Plate Height 110 - 270 mm
Plate Width 101 - 162 mm
Plate Thickness 0.8 - 3 mm
Stacking Programs 4

SEPARRAYER
Separator Width 105 - 180 mm
Separator Thickness 0.8 - 3.5 mm
Separator Material PE + AGM
Envelope Height 115 - 280

MACHINE DIMENSIONS
Length (without Conveyor) ~ 6,500 mm
Height ~ 2,400 mm
Width ~ 3,500 mm
Height of Vacuum Unit ~ 2,800 mm
Net Weight ~ 8,500 kg

UTILITIES
Air Pressure 6 - 8 bar
Uncompressed Air Volume 60 Nm³/h
Electrical Power Consumption 55 kVA
Exhaust Volume ~ 21,000 m³/h

OPTIONS
- Separator pre-folding shuttle
- Lug and/or plate surface brushing
- Various options for exit conveyors
- Various element checks available
- Double separator uncoiling for simultaneous handling of PE and glasmat or double-layer AGM wrapping
- Mechanical rotary crimping system for PE envelopes
- Envelope shape control via vision system

BMV15/270
WRAPPING & STACKING MACHINE
For Stationary Batteries as well as Small and Mid-Size Traction Batteries

TECHNICAL DATA

WE CARE ABOUT
HSE
HANDLES PLATES UP TO 270 MM IN HEIGHT

The BMV15/270 horizontal plate feeding system is designed to handle also very soft plates such as pure lead plates.

Thanks to its horizontal plate stack infeed system it is possible to upgrade the machine for automatic robot loading.

The 90° lug brushing system, which is also used in the BMR10, prevents twisting of the lugs of soft plates and enables better cast-on quality.

APPLICATIONS
- Golf Carts
- UPS
- Telecommunications
- Solar Power Applications

LUG BRUSHING
The inside-out brush orientation enables a shorter flux drying time. Moreover, fewer pores are caused inside the strap.

SOFT PLATE HANDLING
Servo-controlled shuttle supported plate lifts and plate feeding belt for soft plate handling

VACUUM TRANSPORT
Our unique vacuum separator and cutting method makes it possible to convey the AGM separator without mechanical stress.