BMV 10 MINI
WRAPPING & STACKING MACHINE
For Motorcycle and Small Industrial Batteries
The BMV 10 MINI processes very small plates for motorcycle and small industrial batteries.

The separator vacuum transport guarantees soft handling of the separator.

Minimum effort of adjustment to different plate dimensions is guaranteed.

Element configuration adjustment at the press of just one button.

Soft and precise handling of plates by vacuum transport devices reduces your scrap rate.

Automatic element checking station and lug brushing are available as required by leading OEMs.

THE BMV 10 MINI

The BMV 10 MINI with its unique design meets all technical requirements for the production of small VRLA and motorcycle batteries.

Formed, unformed, cast, expanded and punched plates are reliably wrapped and stacked.

The different machine variations allow the processing of AGM and leaf-type separators.
This unique transport method facilitates the conveyance of the AGM separator for the production of small VRLA batteries with no mechanical stress.

**SEPARATOR VACUUM TRANSPORT**

Following market demands, we offer the BMV 10 MINI with lug brushing on extended plate feeders.

**LUG BRUSHING**

Since the belt is driven by the machine drive, no adjustment is necessary when production speed changes.

**PLATE VACUUM BELT**

Best AGM cutting quality is achieved by a servo cutting and prenotching device (optimal synchronisation of knife and separator speed).

Separator cutting length is easily adjustable on the operator panel.

**SEPARATOR CUTTING**
### GENERAL
- Wrapped Plates/min (AGM): up to 120
- With Leaf-Type Separator: up to 120
- Maximum Element Thickness: 60 mm
- Stacking Programs: up to 8

### PLATE DIMENSIONS
- Plate Height (without lug): 50 - 100 mm
- Plate Width: 38 - 80 mm
- Plate Thickness: 1.2 - 3 mm
- Maximum Lug Height: 25 mm

### SEPARATOR
- Separator Width: 50 - 92 mm
- Separator Thickness: 0.8 - 2.2 mm
- Separator Material: AGM / leaf-type
- Wrap Height: 55 - 115 mm

### MACHINE DIMENSIONS
- Length (without conveyor): ~ 5,500 mm
- Width: ~ 3,000 mm
- Height: ~ 3,000 mm
- Net Weight: ~ 7,500 kg
- Number of Plate Magazines: 3

### UTILITIES
- Air Pressure: 6 bar
- Uncompressed Air Volume: 50 m³/h
- Electrical Power Consumption: 25 kVA
- Exhaust Volume: 21,500 m³/h

**VARIATIONS**
- AGM or leaf-type separator
- Lug brushing

**OPTIONS**
- Double separator uncoiling device
- Separator pre-folding shuttle
- Tailor-made options for the exit conveyor
- Allen Bradley PLC
- Network connection
- Electronic double plate detection system
- Element checking station in different variations

**BM 10 GENERATION**
- BMR 10 MICRO
- BMV 10 MINI
- BMR 10
- BMV 10
- BMV 10/220
- BMV 10/310

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