VIRO EPS SYSTEMS is one of the leading EPS-MACHINERY suppliers, focused on the design and manufacturing of machines for the EPS/XPS, PUR/PIR and Mineralwool industry. Based on the successful WIESER developments, VIRO EPS-SYSTEMS machines are designed and built for high availability, a broad performance spectrum, minimum maintenance and low energy consumption. You can choose from a large variety of solutions with advanced technology for fully automatic production, according to your specific requirements.

More than 50 years of experience in industrial manufacturing of high quality machines, make VIRO EPS-SYSTEMS a trusted and reliable partner for EPS converters all over the world.

MISSION

PROGRESS AND TRADITION are the keywords for a permanent communication with EPS processors worldwide, ensuring a constant development of systems for more profitable production, always considering the actual requirements of the respective market areas, in order to properly react to our customers needs and budget.

LEGACY

WIESER has been supplier to the EPS industry since 1958. Many state-of-the-art systems for processing Expandable Polystyrene were based on, or at least influenced by the WIESER developments and innovations. VIRO was founded 1964, and since then developed a very good reputation in the fields of packaging machines. Since 2004, VIRO and WIESER successfully work together under the name of EPS-SYSTEMS, to serve the EPS industry with Excellent Processing Solutions.

WWW.EPS-SYSTEMS.COM

Your guide to EPS PROCESSING and machinery with high-end or low-cost production equipment:

Machines and complete turn-key factories for production of EPS blocks, insulation sheets and shapes for the building industry: Preepanders, silo plants, blockmoulds, cutting lines, contour cutters, packaging machines and recycling systems for EPS, as well as the complete downstream equipment for XPS, PUR/PIR and Mineralwool production lines - VIRO EPS-SYSTEMS provides the required machinery and tools, especially tailored to the customer’s needs.

EPS: PEARL OF PLASTICS

E.P.S. (Expandable Polystyrene) is a light and rigid plastic foam insulation material, produced from solid particles of polystyrene. Expansion is achieved by virtue of small amounts of pentane gas as blowing agent dissolved into the polystyrene base material during production. The gas expands under the action of heat, applied as steam, to form perfectly closed cells of EPS. These cells occupy approximately 40 times the volume of the original polystyrene bead. The EPS beads are then moulded into appropriate forms, suited to their application.

EPS APPLICATIONS

- Exterior Insulation sheets (EIFS)
- Insulated Concrete Forms (ICFs)
- Structural Insulation Panels (SIPS)
- Sandwich Panels
- Pipe insulation shells
- Fillers for concrete (void foam)
- Geo Foam
- Floatation devices
- Cornices and pilasters
- Packaging material
- Seedling trays
- Containers, cups and trays

EPS AND THE ENVIRONMENT

EPS contains 98% from air, it is therefore one of the best insulation materials nowadays, thus helping to save energy. EPS is 100% recyclable and contains no CFCs or HCFCs.

EPS MANUFACTURING

1) Pre-expansion
Polystyrene granules are expanded by free exposure to steam, to form larger beads, each consisting of a series of non-interconnecting cells.

2) Conditioning
After expansion, the beads still contain small quantities of both condensed steam and pentane gas. As they cool in the silos, air gradually diffuses into the pores, replacing, in part, the other components.

3) Moulding
The beads are moulded to form blocks, boards or customised products. The mould serves to shape and retain the pre-foam, and steam is again used to promote expansion. During moulding, the steam causes fusion of each bead to its neighbours, thus forming a homogeneous product.

4) Shaping
Following a short cooling period, the moulded block is removed from the machine, and after further conditioning, may be cut or shaped as required, using hot wire elements or other appropriate techniques.

5) Post-production processing
The finished product can be laminated with foils, plastics, roofing felt, fibreboard or other facings such as roof or wall cladding material, cement or polyurea based coatings.
EPS MACHINERY

TYPICAL EPS PRODUCTION
- Steam plant, accumulator, compressor
- Pre-expander
- Silo Plant
- Mixing system
- Vacuum Block mould TNG
- Automatic block storage system
- Cutting line FOAMLINE HVQ
- Automatic Scrap Removal System
- Handling system VIRO-BOT
- Packaging machine PFZ2A
- Bale wrapping system STARGATE
- Recycling plant

ADVANTAGES
- High productivity by optimum plant logistics
- Low production and life cycle costs with high quality equipment and utilities
- Fast return on investment due to integrated project time schedules
- Equipment with the required peripherals
- Systems for fully automated operation
- On-site commissioning and training of operator personnel
- All from a single supplier with a defined contact point

TURN KEY PLANTS
**ADVANTAGES**
- No consumption of cooling water
- No tank farm for cold and hot water
- No costs for chemical additives
- Minimized oxygenation of the cooling water compared to traditional open chillers
- No problem of water freezing the cooling tower
- No water evaporation
- No steam will be released into the environment
- No emissions over the roof, no noise

**OPTIONS**
- Closed loop Vacuum system
- Rear wall adjustment
- Density correction system
- Hydraulic Elastification System
- Bottom plate adjustment
- Exhaust air cleaning cyclone
- Block Weighing System
- Ink-Jet Printing System
- Production Report Package

**OPTIONS**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**ADVANTAGES**
- No consumption of cooling water
- No tank farm for cold and hot water
- No costs for chemical additives
- Minimized oxygenation of the cooling water compared to traditional open chillers
- No problem of water freezing the cooling tower
- No water evaporation
- No steam will be released into the environment
- No emissions over the roof, no noise

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**GENERAL FEATURES**
- Block size adjustment
- Compression for elastification
- Block weight control
- Graphic user interface
- Recipe management
- Measuring of steam consumption
- Steam temperature control

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)

**AVAILABILITY**
- Narrow density gradient
- Reduced downtime for screen cleaning
- Less cleaning cycles
- Pre-heat the feeding water of the boiler
  (water/water heat exchanger)
- Heat your plant during winter
  (water/air heat exchanger)
- Heat and ventilate the silo room
  (water/air heat exchanger)
Cutting frame HOSC

**TYPICAL CONFIGURATION**
1. block magazine
2. hydraulic tilter
3. docking section
4. sheet cutting frame "HOSC" 1,350 x 1,350mm
5. 81 horizontal wires
6. trimming station "V" with 2 wires side trimming, 1 wire centre cut
7. fast forward conveyor
8. length cutting station "Q" min. sheet length 500 mm
9. material discharge conveyor
   - MMI with touch screen
   - block motion detectors
   - cooling of exposed wire ends

**OPTIONS**
- Automatic wire setting
- Wire break control
- High speed single frame oscillation
- Automatic scrap removal system
- Auto pilot

**ADVANTAGES**
- Modular and compact design for custom configurations
- Accurate and fast cutting, using high temp titanium alloy wires and strong tension of springs

**OPTIONS**
- Automatic wire setting
- Wire break control
- High speed single frame oscillation
- Automatic scrap removal system
- Auto pilot

**EPS BLOCK SIZES**
- Length: 2,050 up to 4,100 mm
- Width: 1,050 up to 1,250 mm
- Height: 1,050 up to 1,250 mm

**CUTTING SPEEDS**
- 10 kg/m³ 2.5 m/min
- 15 kg/m³ 2.0 m/min
- 20 kg/m³ 1.5 m/min
- 25 kg/m³ 1.0 m/min
- 30 kg/m³ 0.5 m/min

Depending on quality of EPS foam blocks

**CLASSIC CUTTING LINE**

**Foamline HVQ**

Fully automatic process for high speed production of insulation sheets with excellent surface quality.

**SHEET CUTTING STATION**

**TOUCH SCREEN**

**WIRE HEAT CONTROL SYSTEM**

**AUTOMATIC WIRE SETTING**

**BOTTOM SCRAP REMOVAL**

**BOTTOM SCRAP GRINDER**

**TOP SCRAP REMOVAL**

**FULLY AUTOMATIC PROCESS**

- High quality insulation sheet production with excellent surface finish
- Efficient usage of materials
- Automatic wire setting and break control
- High speed oscillation
- Automatic scrap removal system
- Auto pilot control

**EPS BLOCK SIZES**

- Length: 2,050 up to 4,100 mm
- Width: 1,050 up to 1,250 mm
- Height: 1,050 up to 1,250 mm

**ADVANTAGES**

- Modular and compact design for custom configurations
- Accurate and fast cutting, using high temp titanium alloy wires and strong tension of springs

**OPTIONS**

- Automatic wire setting
- Wire break control
- High speed single frame oscillation
- Automatic scrap removal system
- Auto pilot control
Cutting frame HOSC-2

**TYPICAL CONFIGURATION**

1. Block magazine with tilter and center align
2. Sheet cutting frame „H“ with 100 wires
   - Automatic wire setting
   - Long stroke counter frame oscillation
3. Automatic scrap removal system
4. Trimming station „V“ with 2 side trimming wires
5. Fast forward conveyor
6. Length cutting station „Q“
7. Material discharge conveyor
   - MMI with touch screen
   - Motion detectors
   - Air cooling of exposed wire ends

**OPTIONS**

- Exchangeable prebreaker system for white and grey material
- Auto pilot wire break control

---

**FOAMLINE HVQ PRO**

- Fully automatic process for high speed production of insulation sheets with excellent surface quality

**CUTTING SPEEDS**

- 10 kg/m³: 3.0 m/min
- 15 kg/m³: 2.5 m/min
- 20 kg/m³: 2.0 m/min
- 25 kg/m³: 1.5 m/min
- 30 kg/m³: 1.0 m/min

Depending on quality of EPS foam blocks

---

**ADVANTAGES**

- Ultimate performance, huge capacity
- Excellent quality of final product
- Highest grade of automation
- Software for material management

**EPS BLOCK SIZES**

- Length: 4,050 up to 6,100 mm
- Width: 1,050 up to 1,250 mm
- Height: 1,050 up to 1,650 mm
4-SIDE PACKING

PPZ 1300

- semi-automatic operation
- stacks of EPS sheets are loaded manually
- packing capacity: 5 - 6 bundles (0.25 m³) per minute depending on operator

PPZA 1300

- fully automatic operation
- stacks of EPS sheets are loaded automatically from the cutting line
- capacity: 8 - 10 bundles (0.25 m³) per minute

OPTIONS

- motorized welding head
- motorized film unwinding system
- additional film magazine
- fast film changing system
- detector for film end
- output conveyor
- bundle flipping station

6-SIDE PACKING

PPZA Inline

- fully automatic In-Line operation
- stacks of EPS sheets are loaded automatically from the cutting line
- packing capacity: 8 - 10 bundles (0.25 m³) per minute

AFP 600 / 1200

- Machine construction
- Input conveyor
- Pusher for sheet stacks
- Bag former
- System for welding PE film with auto folding system
- Gravity output conveyor
- Command desk with PLC S-7
- Optional: Leister systems (hot air blower) or shrink tunnels

SEMIFULLY AUTOMATIC 4 OR 6 SIDE WRAPPING MACHINES

easy operation and simple changing of film coils, best fusion of top and bottom film using special welding head.

interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

OPTIONS

- feeder for leaflets
- print & apply labeling unit
- ink-jet printer
- roller stamp marking units with three colours

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,

Shrink tunnel for shrinking of overlapping film ends by heat

- heating system
- internal circulation blowers
- insulation of machine housing

Machine construction

Input conveyor

Pusher for sheet stacks

Bag former

System for welding PE film with auto folding system

Gravity output conveyor

Command desk with PLC S-7

Optional: Leister systems (hot air blower) or shrink tunnels

Roller stamp marking units with three colours

Interface to de-stacking units,
**HORIZONTAL BALE WRAPPER**

**Stargate**

**ORBITAL BALE WRAPPER**

**HORIZONTAL ORIENTATION**

**COMPONENTS**
- Solid steel frame construction
- Rotating film carriage with mechanical brake
- Film clamping and cutting system
- Control panel

**PRODUCT SPECIFICATIONS**
- Height 2.000 / 2.500 / 3.000 mm
- Length 1.000 / 1.500 / 2.000 / 2.500 mm
- Width 1.000 - 1.300 oder 2.500 mm

**CAPACITY**
- Up to 40 bales per hour

**OPTIONS**
- Infed rotating conveyor
- System for welding the film end to the pallet
- Automatic skid cutting & skid gluing unit
- Printing and marking systems (coding)
- Wooden pallet magazine and dispenser
- Exit conveyor

**VIRO-BOT**

**VIRO-BOT can handle all these tasks**
- De-stacking of sheets before packaging
- Removing rest- and rim sheets
- Stacking of bundles to bales (palletizing)
- Stargate orbital bale wrapper
- Material discharge

**VERTICAL BALE WRAPPER**

**Atlantis**

**BALE WRAPPER**

**VERTICAL ORIENTATION**

**COMPONENTS**
- PPZA-1300 IN LINE packaging machine
- VIRO-BOT
- ATLANTIS vertical bale wrapper
- SCF-1000 skid cutting / feeding
- Material discharge

**PRODUCT SPECIFICATIONS**
- Height 2.000 / 2.500 / 3.000 mm
- Length 1.000 / 1.500 / 2.000 / 2.500 mm
- Width 1.000 - 1.300 oder 2.500 mm

**CAPACITY**
- Up to 40 bales per hour

**OPTIONS**
- Bale lifting station to secure/wrap bottom edges
- Downholder from the top
- Film pre-stretching up to 200%
- System for welding the film end to the pallet
- Automatic skid cutting & skid glueing unit
- Wooden pallet magazine and dispenser

**STARGATE BALE WRAPPER**

**ATLANTIS BALE WRAPPER**

**ROTATING HEAD**

**SKID MAGAZINE**

**SKID CUTTING/FEDDING**

**SU-6000**

**SU-2500**

**VIRO-BOT**

**SU-2500 de-stacking unit**

**PPZA-1300 IN LINE packaging machine**

**PA-2500 palletizer**

**SCF-1000 skid cutting / feeding**

**STARGATE orbital bale wrapper**

**VIRO-BOT** can handle all these tasks
- De-stacking of sheets before packaging
- Removing rest- and rim sheets
- Stacking of bundles to bales (palletizing)
- VIRO-BOT matches the volume of high speed cutting lines
- Can also retrofit existing lines
- Saves labour cost and space
- Always delivers exact number of sheets

**SU-8000**

**SU-2500**

**VIRO-BOT**

**STARGATE BALE WRAPPER**

**ATLANTIS BALE WRAPPER**

**ROTATING HEAD**

**SKID MAGAZINE**

**SKID CUTTING/FEDDING**
**PRODUCT SPECIFICATION**
- Width: 500 / 1.000 / 1.200 mm
- Length: 1.000 / 2.000 / 2.500 mm
- Thickness: 50 - 400 mm
- Overlap max. 10 / 15 / 20 mm

**OPTION**
- Dust extraction system

**TASK**
Automatic edge trimming system for cutting shiplap on 4 sides. Permits a smooth, clean, and high precision cut!

**CAPACITY**
- 20 boards/min. @ 50 – 80 mm thickness
- 15 boards/min. @ 100 – 180 mm thickness
- 10 boards/min. @ 200 – 300 mm thickness

**Bladerunner**

---

**MULTI-AXIS CONTOUR CUTTER**
- Industrial design (steel frame)
- Material loading table for EPS blocks L 1.0 x B 1.0 x H 1.2 m
- Cutting frame with 10 wires
- Can be tilted from horizontal to vertical cutting direction
- Independent axis control (X / Y)
- Adjustable align for different angles
- Control Panel with industrial PC, WIN OS
- STYRODESIGN Software including:
  - VIRO ROOFER program for “tapered roof corner sheets”

**VIRO ROOFER PROGRAM**
- Easy editing of tapered roof sheets
- Import data from other programs (HPGL, DXF)

**CONTOUR CUTTER**

**TASK**
High volume contour cutter vertical cutting orientation to cut the block in one pass from the bottom to the top

**SPECIAL FEATURES**
- Special system for loading of blocks above the wires
- High temp alloy cutting wire
- Air cooling of wire ends
- Automatic wire setting for 60 wires
- Adapter frame for 60 horizontal wires
- Software for design and nesting

**CAPACITY**
8 - 10 blocks per hour!
CONTOUR CUTTING LINE

TYPICAL CONFIGURATION
1. block magazine hydraulic tilter
   length cutting station „G“ guillotine
2. horizontal cutting frame „H“
   1.350 x 1.350 mm
   41 horizontal wires for contour cutting
3. bottom and top scrap removal
4. trimming station „V“
5. fast forward conveyor
6. cross cutting station „X“
   41 vertical wires
   MMI with touch screen
   cooling of exposed wire ends
   automatic wire setting
   wire break control

SHEETS, PADS & SHAPES

Styrodesign

FOAMCUTTERS
COMBI CUTTERS AND COMPLETE LINES
modular system
- cutting width: 1.300 / 2.600 / 3.100 mm
- stationary wires
- independant axis control
- automatic scrap removal
- cutting scrap removal
- cutting scrap removal
- cutting scrap removal
- cutting scrap removal
- cutting scrap removal

CUTTING SPEEDS
1.0 kg/m³: 2.0 m/min
15 kg/m³: 1.6 m/min
20 kg/m³: 1.2 m/min
25 kg/m³: 0.8 m/min
30 kg/m³: 0.5 m/min

depending on quality of the EPS blocks

STATIONERY LEADING WIRES
REMOTE CONTROL
INKJET PRINTER: DAL-I
CROSS CUTTER

GUILLOTINE
BLOCK SPLITTER
AUTOMATIC WIRE SETTING
AUTOMATIC SCRAP REMOVAL
STATIONERY LEADING WIRES
REMOTE CONTROL
INKJET PRINTER: DAL-I
CROSS CUTTER
MATERIAL MANAGEMENT

Silo Plant

SILO PLANTS FOR PRE-EXPANDED EPS BEADS AND REGRIND WITH AUTOMATIC CONTROL SYSTEM

- EPS Storage silos made from static disrupting impregnated fabric with excellent breathing application
- Welded and Painted Steel Frame with Carbon Steel Tube and flanges, ready to assemble
- Level Control Sensors
- Silo Discharge Units
- Platform with handrails and ladders
- Passive DeDusting Ventilation for reground silos
- Set of Feed and Discharge Piping, incl. Diverters, Shutters, Pneumatic Activators and Switches
- Junction Box and accessory kit for automated and remote silo control operation
- Silo Control System incl. touch screen operation

Mixing Units

- gravimetric or volumetric mixing of EPS regrind with virgin material
- Mixing ratio can be controlled by the blockmould operator
- accurate dosing of white and grey or a mixture of both colours
- Scrap Rate Adjustment from 0 – 50 %

Gravi Mix

Paddle Mix

ELASTIFICATION

Block Press

VERTICAL ORIENTATION FOR COMPRESSION OR ELASTIFICATION OF EPS BLOCKS TO COMPLY WITH DES SM AND DES SG ACC. TO DIN 4108-10 AND EN 13163

TECHNICAL SPECIFICATIONS

- pressing and releasing speed: variable
- pressing time: adjustable
- max. stroke: 70 % of the EPS block
- number of press cycles: selectable
- process data: stored as recipes

FOOTFALL SOUND INSULATION

- pressing stroke: 0 - 70 %
- pressure: 250 - 700 tons (depending on block size)
- capacity: 12 - 20 blocks/h

ELASTIFICATION

- pressing stroke: 0 - 10 %
- pressure: 50 - 150 tons (depending on block size)
- capacity: 25 - 30 blocks/h

SPARES AND CONSUMABLES FOR CUTTING MACHINERY

WIRE HOLDERS AND SPRINGS

CONTACTORS

CUTTING WIRE
Dust, fluffs and fines are affecting efficiency of the equipment and may lead to severe damage of machine parts. A lot of dust and fines become present during EPS conversion and will accumulate without taking precautions. Slow moving granulators like the granulator VBM 1350 produce almost no dust and in combination with the dust extraction system VDD 1300, the overall dust load can be minimized, thus reducing machine downtime for cleaning and optimizing the process.

**ADVANTAGES**
- Collecting Silo for Coarse Regrind
- Metering Airlock Cell Wheel
- Granulator Type VBM 1350
- Fine Regrind Transportation Blower
- DeDusting System
- Transport Blower for clean regrind to silo
- Vacuum Suction Blower for dust transport
- Collecting Silo for dust and contaminant
- Dust Compactor

**TYPICAL CONFIGURATION**
1. Collecting Silo for Coarse Regrind
2. Metering Airlock Cell Wheel
3. Granulator Type VBM 1350
4. Fine Regrind Transportation Blower
5. DeDusting System

**OPTIONS**
- cell wheel for dosing of coarse regrind
- exchangeable screen system

**COMMINUTION OF EPS SCRAP SHEETS AND PARTS TO BEAD SIZE**
- powerful coarse and fine grinder for crushing and grinding EPS to re-usable bead sizes

**ACCESSORIES**
- silos, blowers, spare screens, mixing stations, de-dusters, compactors