

Technical Data sheet

KBM METERING SYSTEMS

STYROMIX 3 FOR SHAPE MOULDING PLANTS



Brand name:
KBM STYROMIX 3

The KBM STYROMIX System is designed to obtain a more accurate metering and mixing of recycled EPS or EPP materials with virgin EPS or EPP beads. It can be mounted directly before each individual moulding machine, (either close to each machine - or near the silos). The STYROMIX System starts mixing whenever there is vacuum from a moulding machine. The STYROMIX System is suitable for EPS or EPP granulated and dust extracted material and since the mixing takes place directly before the material reaches the hopper on the moulding machines, the de-mixing of the mixture is minimized or even eliminated compared to mixing after the pre-expander.

Data:

Throughput per unit 100 L/Min
Compressed air 5 bar
Hose connection ID 400mm (1,5") or 50mm (2")

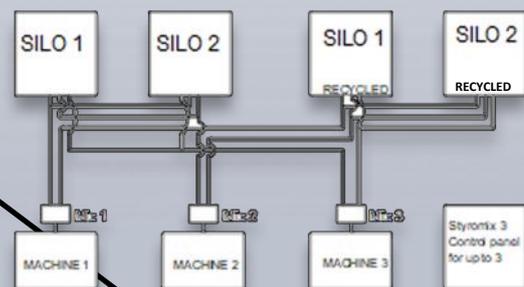
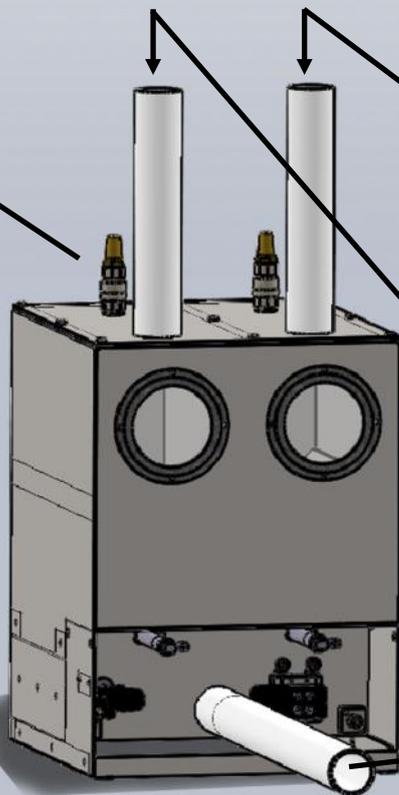
Dimensions

Length 435mm (17")
Width 390mm (16")
Height 680mm (27")

Mixing ratios

0 - 100% in 1% steps.
Mixing ratio is set via the control panel. The control panel operates up to 3 units.

STYROMIX 3 is placed by the storage silos or by the moulding machine. It is activated by the vacuum from the moulding machine



Recycled material

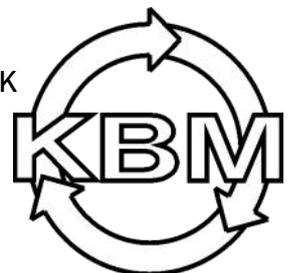
Virgin material

Mixed material is conveyed into the mould by a vacuum provided by the moulding machine



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KBM ApS guarantees that the product meets the specification above. The keeping, handling and use of the products are beyond the control of KBM ApS, and therefore shall not invoke any responsibility of the company. This TD substitutes and deletes all previous versions.



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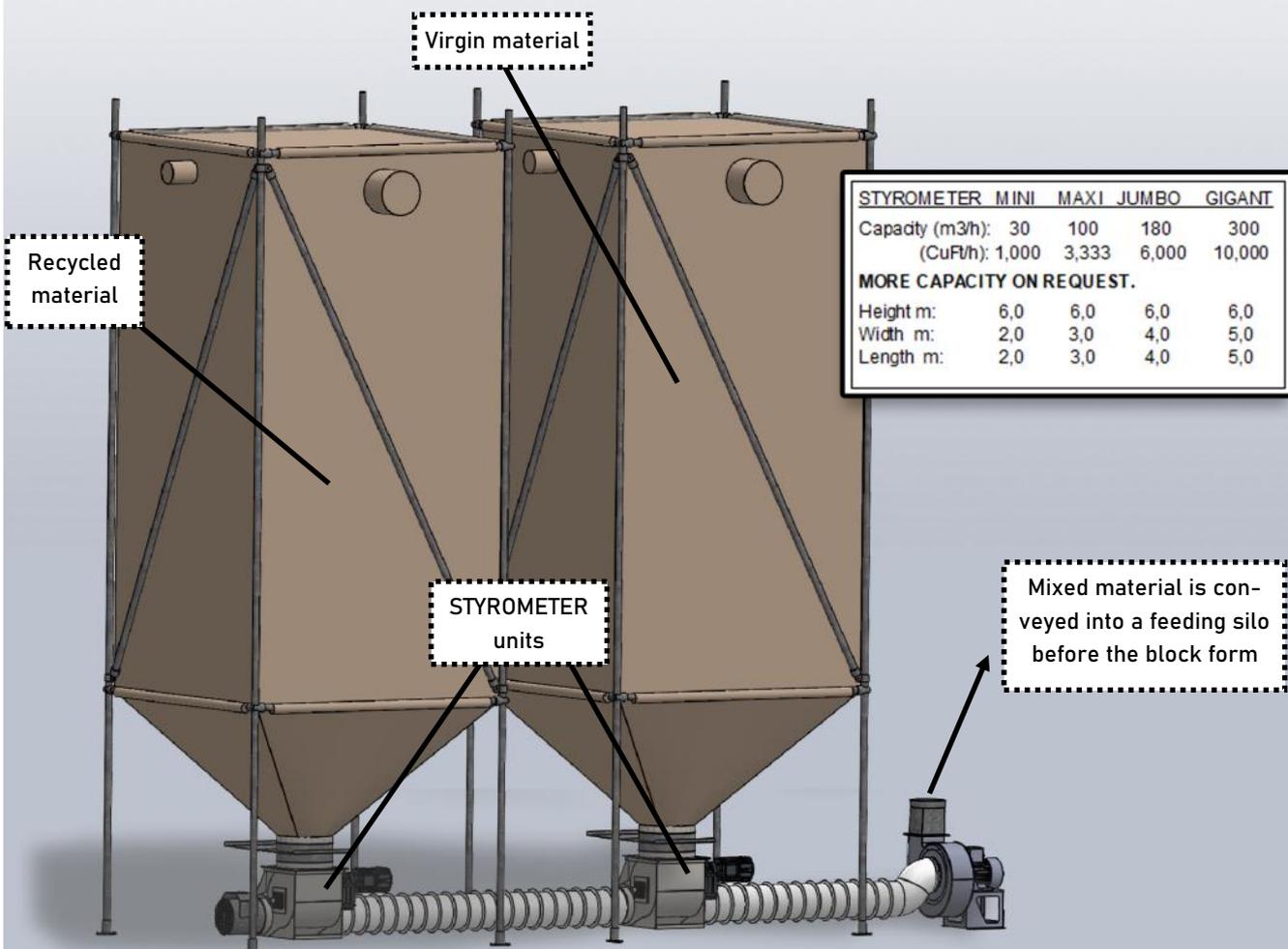


KBM METERING SYSTEMS

STYROMETER FOR BLOCK MOULDING PLANTS

Brand name:
KBM STYROMETER

The KBM STYROMETER System is designed to meter and mix the recycled and new material together right before the block mould in order to minimize de-mixing. Each silo contains one material e.g. recycled and virgin material. The speed of the cell wheels (airlocks) is steplessly adjustable from 1% to 100% with one mutual potentiometer to set the required mixing ratio from 1–99%. It is also possible to program a number of pre-set ratios (5%, 10%, 15%, etc.) to simplify the settings. The cell wheel (airlock) principle ensures an accurate mixing/metering independently of the pressure in the silos which are refilled by a blower. The system can also be delivered for existing silos.



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