MERI CONTAINER STATION R



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Technology

The Meri Container Station R is suitable to fill and distribute un- or pre-treated Rejects & Sludges into commercial or custom-made Containers or bunkers. In consideration of the space conditions, the daily reject amount and other requirements, it is possible to fill fully automatically 2 – 4 containers. The Meri Container- Station R uses MBX meri belt conveyor modules for material transport. The Meri Container- Station R is a well-established reliable equipment, proven in many applications. Up to 5 discharge points per container are possible in strictly order one after the other as well a “special”- filling shop with manual pre- selected independent filling points. The fully automatic sliding- and rotating movements, which are initialized by hight- detection monitoring are allowing also to recognise a missing container and to aim for the next one.

Features

- Stepless position change in lateral direction by 4 flanged rail wheels and 1 gear motor fixed underneath the frame of a MBX conveyor
- Turn movement by central bearing to carry the lateral sliding frame and belt conveyor with gear wheel, which is turned by a drive pinion including gear motor.
- Height detection to monitor filling level and recognise missing containers
- Automatic farther movement to next available filling point under position replication by lateral, & circular position measurement
- Variable speed with std. SEW gearmotors for conveyor, lateral- and circular- movement for optimum power consumption reliable in 24/7 continuous operation

Why to buy

- Long term experienced distribution technology in many container stations worldwide
- Precise distribution onto up to 5 points per container to use storage capacity most efficiently.
- Reliable container filling under keeping of clean- environment
- Distribution of large amounts by generous free belt width & vat moulded section design. (see also MBX- belt conveyor).
- Fully automatic system including filling monitoring & detection of missing containers.
- Several filling sequences (Standard- & manual- pre- selected special job) possible
- Easy maintenance and erection due to quick exchangeable doctor blades, sliding bars, lower return idlers, clamped side rubbers, perforated side covers and modular design

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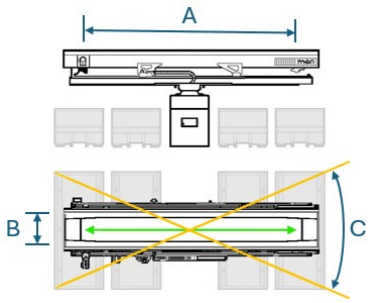
Typical & Proven Process

- Distribution of Light weight Reject from Pulping, wet or dry.
- Fibrous rejects/sludges, wet or dry.
- Transportation of bulk reject, pulper rope in certain length or pre- shredded.

See as well the following Products

- Container- Stations MCS- lateral
- MBX- belt- conveyor
- MSC – Spiral conveyors
- Pre- Dewatered trash/reject from TSX-SCREENEX
- LION shredders
- COMPAX CFX- R & F
- MINIPRESS MPX
- Pre- thickened residuals from Elephant- Filter, Sediphant & Screenex
- RSP- screw press sludge

Specifications



	Dimensions
Belt Length (A) [mm]	Min. 5500 – Max. 7500
Belt Width (B) [mm]	800 / 1000 / 1200
Angel of rotation (C) [°]	+30 to -30
Amount of container	Up to 4

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