

# DISC TROMMEL MAK CD

Recycling Engineering Division



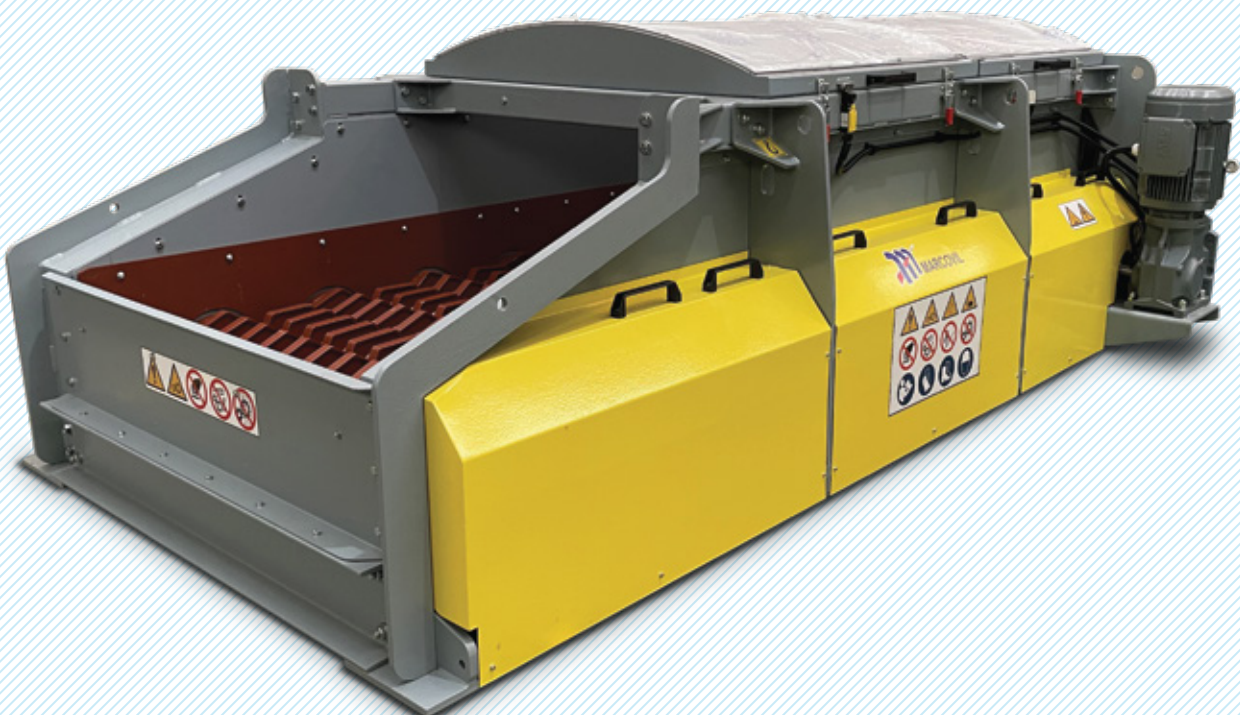
Passion to create, Excellence to serve

# DISC TROMMEL

**The Disc Trommel MAK CD is a fundamental equipment in any urban solid waste treatment facility as well as in sorting plants of recoverable waste.**

The Disc Trommel MAK CD is characterized by a disc mesh where all the components that make the movement and contact with the waste to be sorted are made of hardened anti-wear steel (Hardox) in order to maximize its performance, substantially reducing the respective maintenance costs. The format of the MAK CD equipment discs has been designed in order to guarantee an ideal screening and, at the same time, to minimize the common problems found in the disc trommels, such as the filamentary material that wraps around the discs.

The disc mesh is composed of a variable set of steel shafts, where polygonal discs fit together which, with their rotation, cause a strong vibration in the residues, making them move forward in the mesh, in order to undergo a perfect screening with the spacing between discs. These discs are manufactured with different diameters and widths, in order to be adapted to the material to be treated and to the required processing capacity.





## DISC TROMMEL - MAK CD



### GENERAL STANDARD FEATURES

- /// Variable diameter and width of the discs, according to customer needs
- /// Hexagonal shape of the discs
- /// Conical spacers in order to avoid tangling of residues in the shafts
- /// Shafts manufactured with anti-wear and high thick elements in order to increase the durability of equipment
- /// Shafts without moving elements to minimize equipment maintenance and increase screen diameter accuracy
- /// Driving shafts coupled with steel chain
- /// Centralized lubrication system
- /// Frequency inverter in order to optimize screening efficiency

MESH 1.200 mm	MAK CD 3/1,2	MAK CD 4/1,2	MAK CD 5/1,2	MAK CD 6/1,2
/// Useful width (mm)	1200	1200	1200	1200
/// Blade length (mm)	3000	4000	5000	6000
/// Power (kW)	7,5	7,5	15	15
/// Useful screening area (m <sup>2</sup> )	3,6	4,8	6	7,2
MESH 1.600 mm	MAK CD 3/1,6	MAK CD 4/1,6	MAK CD 5/1,6	MAK CD 6/1,6
/// Useful width (mm)	1600	1600	1600	1600
/// Blade length (mm)	3000	4000	5000	6000
/// Power (kW)	7,5	7,5	15	15
/// Useful screening area (m <sup>2</sup> )	4,8	6,4	8	9,6



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