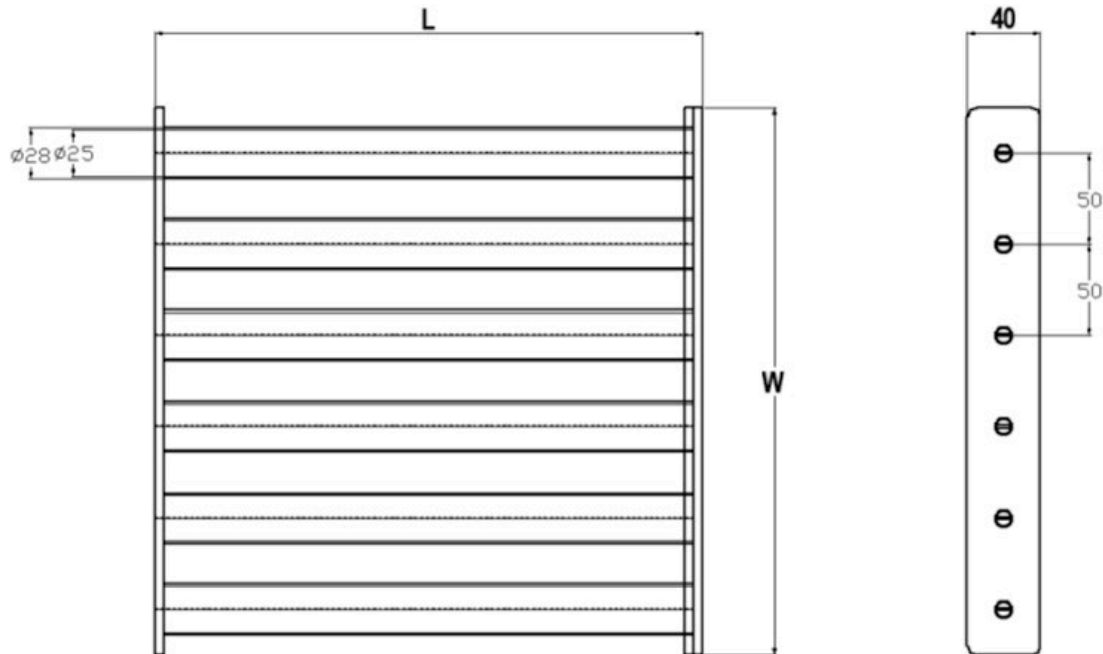




Datasheet MR-TT



Model	H (mm)	Weight (kg)	Number of tubes	Tube diameter (mm)	Distances between tubes (mm)
MR-TT 100x100 N	40	1,3	2	28	22
MR-TT 150x150 N	40	2,5	3	28	22
MR-TT 200x200 N	40	4	4	28	22
MR-TT 250x250 N	40	6	5	28	22
MR-TT 300x200 N	40	7,6	4	28	22
MR-TT 300x300 N	40	8,6	6	28	22
MR-TT 350x350 N	40	11,5	7	28	22

Parameter name	Value
Description:	Magnetic grate with extractable magnetic cores hermetically closed in stainless steel tubes
Separator placement:	feeding hopper, inside of a pipeline,
Material flow direction (beginning with the most common one):	vertical, horizontal

Max. magnetic induction (depending on the type of the separator it is either a magnetic value on the surface of the separator or a magnetic value that is in direct contact with the treated material. Tolerance +/- 10 %:	9800
Magnetic flux on the magnetic core (G) Tolerance +/- 10 %:	12000
Weight of the separator (kg):	11.5
Connecting dimension, inlet and outlet diameter of the separator (mm):	350
Application (= the material that the application of this separator is suitable for):	bulk material
Separator is suitable also even for the materials of poor bulk properties:	no
Minimum size of the particles that can be captured by the separator (mm):	0.03
Maximum size of the particles that can be captured by the separator (mm):	8
Separator is suitable for vacuum or pressure conveying lines:	no
Separator is suitable for materials transported by:	gravity, pipeline
Separator is able to capture paramagnetic particles:	yes
Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive):	3
Separator is suitable for materials that tend to solidify (the materials must be heated):	no
Separation of non-ferrous metals:	no
Cleaning of the separator:	manual cleaning (with easy cleaning system), it is necessary to interrupt the material flow during the cleaning
Max. operating temperature/ max. temperature of the material (°C):	60
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Built-in standard magnet type:	neodymium magnet N52
Diameter of the outer (protective) tube of the magnetic rod (mm):	28

Inner diameter (either of the uncovered magnetic cores or of the magnetic rod covered by the first protective stainless steel tube = system tube in tube) (mm):	25
Number of magnetic tubes (it concerns grate type separators only):	7
System tube in tube (it concerns grate type separators only):	yes
Maximum capacity. The mentioned capacities are informative and non binding (m ³ /h):	16
Material of the separator body (that is in contact with the treated material):	DIN 1.4301
ATEX:	zone 21, 22
Outer surface treatment of the separator:	polished
Inner surface treatment of the separator:	polished
Magnetic system:	magnetic tube
Other additionally paid options (beside the already mentioned options referring to the anti-abrasion protection, motor and connection types):	design for ATEX zone 20
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	8
Standard packing:	stretch wrap + cardboard box
Other packing modes (surcharged options):	wooden box, pallet, maritime packing according to clients needs
Warranty (months):	12

The mentioned capacity is only approximative and depends on the type of the cleaned material.