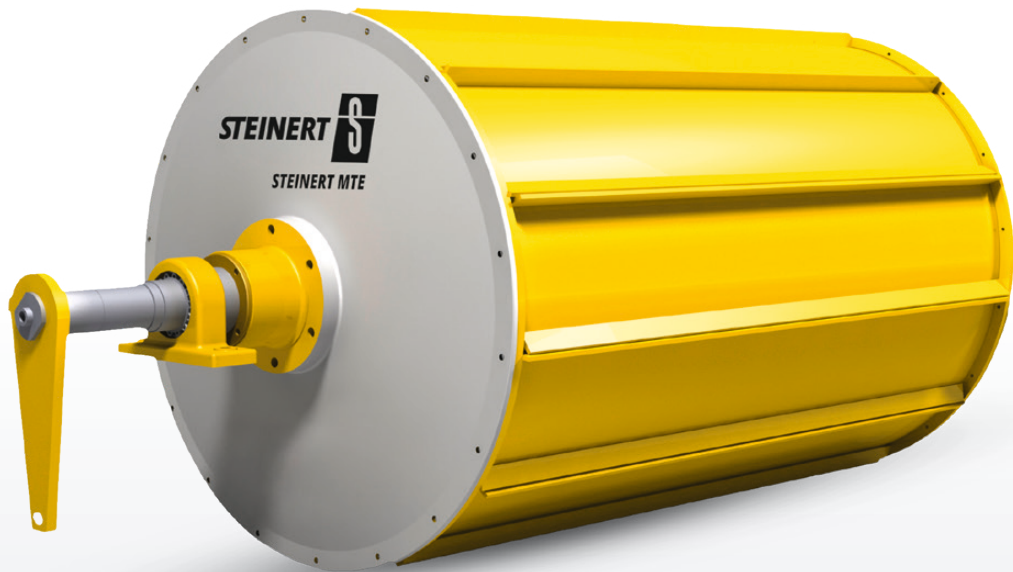


Fact Sheet

STEINERT MTE



+ METAL SORTING

- + Produces clean ferrous scrap when recovering from shredder material
- + Separates various sorting materials from iron or recovers high-purity iron fractions

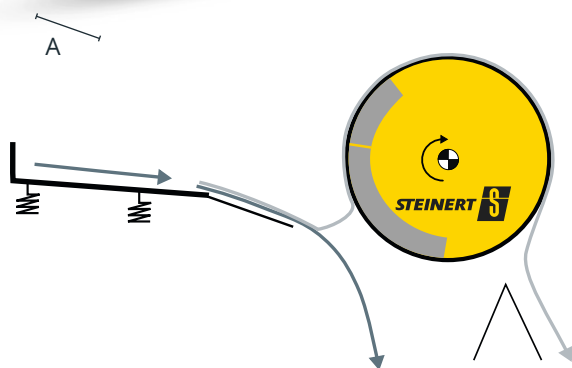
+ MINING

- + Protects crushers, mills and downstream processing equipment against wear and destruction

THE RESOURCE
SEARCH ENGINE

CURIOUS?
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+ TECHNOLOGY

STEINERT MTE

- + The STEINERT MTE uses its axial poles to lift ferromagnetic material out of the conveying stream against gravity over large working distances.
- + The ANOFOL coils used ensure a far-reaching magnetic field with a very even distribution over the working width.
- + The separated iron is transported via the drum shell to the other side where it is fed to the further material discharge. During transport, the material passes through at least one more pole change, which causes the material to turn over and thus loosens and separates non-magnetic clamp parts.

STEINERT MTE		MTE 100 100 Q	MTE 100 160 Q	MTE 120 240 Q	MTE 180 340 Q
General					
Working width (mm)		1,000	1,600	2,400	3,400
Diameter (mm)	A	1,100	1,100	1,300	1,920
Feeder distance (mm)		200–250	200–250	250	350
Weight approx. (kg)		1,950	3,200	5,720	25,000
Environmental specifications					
Permitted ambient temp. depending on version (°C)		-5 to +40			
Installation site		Variable			
Conformities					
Given conformities		CE			
Electrical specifications					
Magnet power consumption (kVA)		3.8–24.4			
Motor power (kW)		4.8	8.0	10.7	22.3
Machine protection class		IP55/IP66			
Accessories + options + variants					
Example accessories		Number of carrier bars, split wear covers			
Available working widths (mm)		1,000, 1,200, 1,400, 1,600, 1,800, 2,000, 2,200, 2,400, 2,600, 2,800, 3,400			
		Variant with hybrid drum, HMS Heavy Melting Steel/Scrap			
Example accessories		Various rectifiers			
Control					
Dimensions approx. (mm)	Height	1,900–2,100			
	Width	800–1,200			
	Depth	400–600			
Weight (kg)		200–350			
Distance control to machine (m)		10			
Electrical full load (A)		5.6–36.5			

Technical alterations reserved. For more details see the operating instruction of the sorting system.