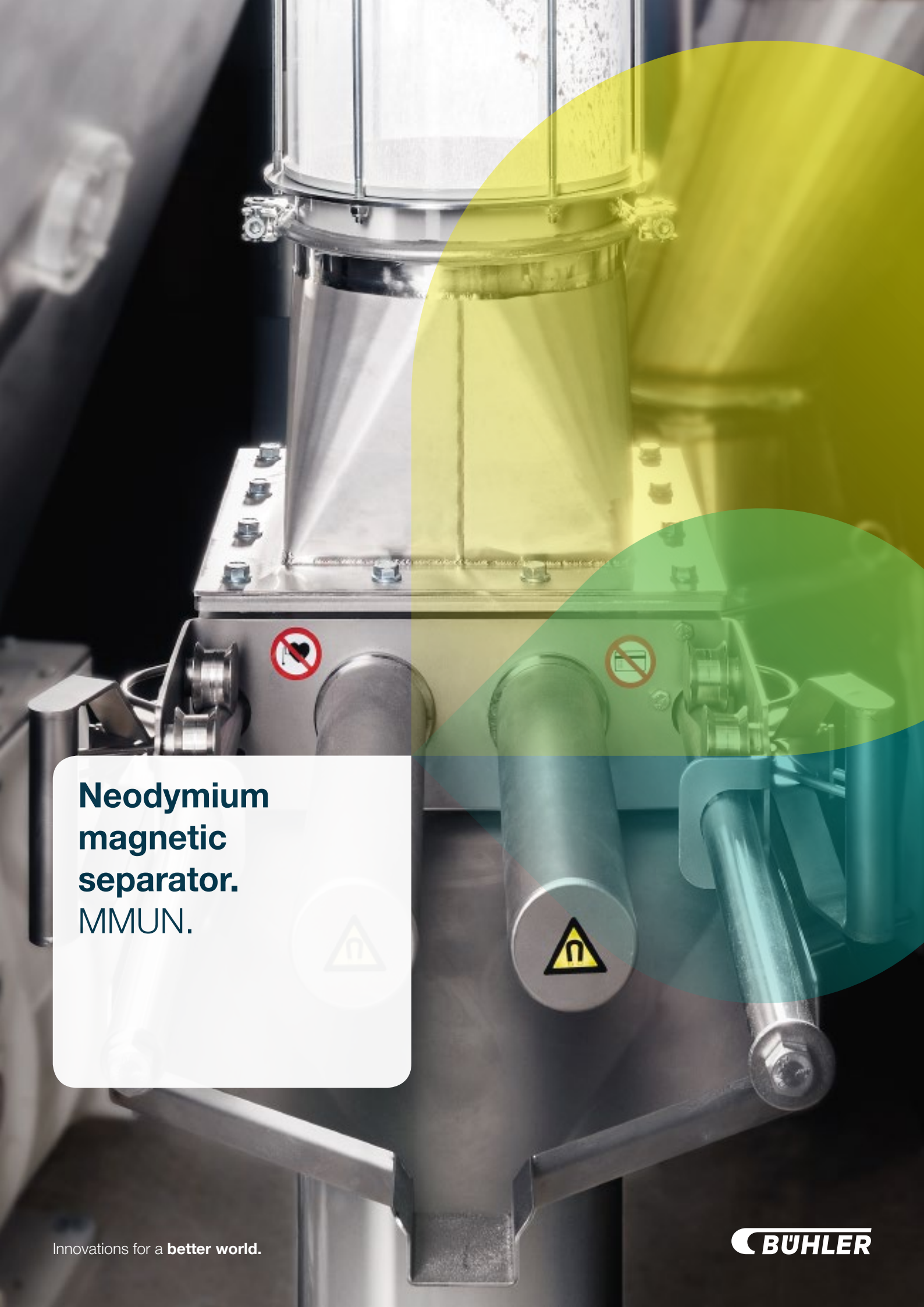


Neodymium magnetic separator.

MMUN.

Innovations for a **better world.**

BÜHLER

Magnetic force that pays off.
High product safety thanks to optimum selectivity.

The food industry has zero tolerance towards contamination by metal particles. With the MMUN magnetic separator, Bühler supports its customers in achieving maximum product safety and process reliability. Its powerful neodymium magnets ensure absolutely reliable selection of magnetic metal particles.

Top marks in selection capacity.

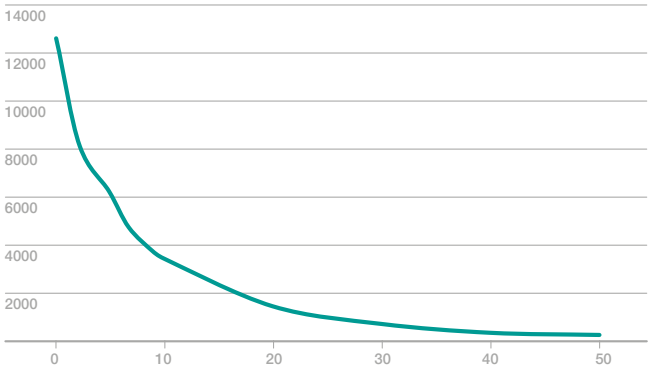
Optimum removal is achieved, on the one hand, by the powerful magnetic field strength of 10,000 to 12,000 Gauss. And on the other hand, the magnetic bars are positioned right in the center of the product flow. In this way, the product always comes in close proximity to one or more magnets.

The combination of Gauss value (flow density) and field depth allows MMUN to achieve best results.

Versatile use.

However, the MMUN is also winning customers through its versatile use such as in pneumatic conveyor systems. If used as an tubular magnet, it efficiently removes magnetic metal particles from flour, semolina or flakes in the spout. If used as a drawer magnet, it impresses with its low installation height and easy access, which facilitates regular monitoring. This additional configuration is used in the production process after the MKZK sifting machine.

Gauss value bar in relation to the distance (mm)



Advantages at a glance.

- Maximum food safety
- Optimum removal of magnetic metal parts
- Excellent field strength of up to 12’000 Gauss
- Sanitary design

For removing magnetic metal particles from flour, semolina or flakes.

Neodymium magnetic bars of up to 12,000 Gauss.

Easy access for function checks.

Easy to clean, less wear and tear.

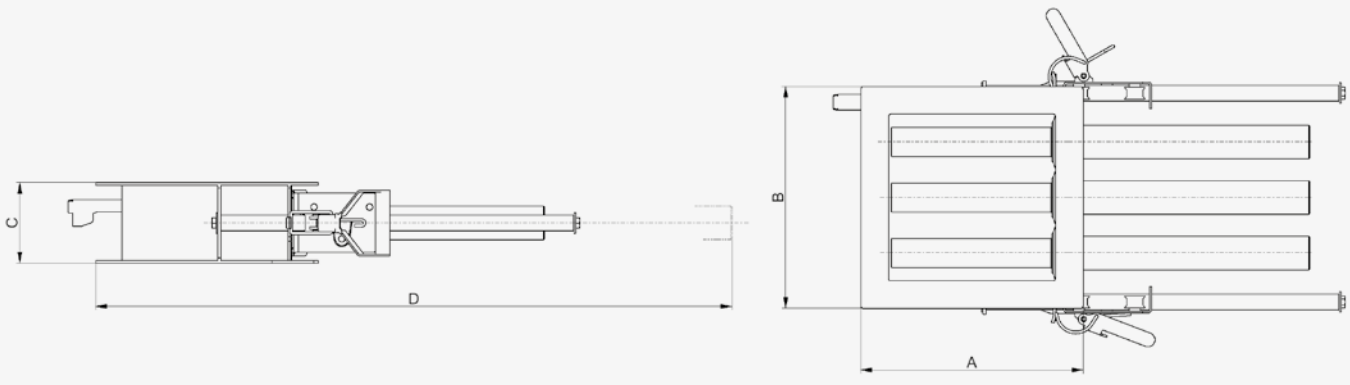
Another advantage of the MMUN is its exemplary cleaning function. The pneumatics are activated automatically when the magnetic drawer is opened. They remove the neodymium core from the stainless steel cover pipes, and any attached metal particles fall down into a bowl and can be disposed of. As the cover pipe also protects the magnetic bars, the bars suffer less wear and tear, and their service life is significantly prolonged.

Sanitary design.

With its generous interior and easy-to-clean stainless steel parts in contact with the product, the MMUN complies with the international regulations of the EHEDG, BRC or IFS for sanitary design, and guarantees maximum food safety.

Technical data. Dimensions table.

		Tubular magnet MMUN-20/20	Tubular magnet MMUN-30/30	Drawer magnet under MKZK MMUN-75/32
Field strength	Gauss	10'000–12'000	10'000–12'000	10'000–12'000
Throughput	t/h	0–40	40–70	0–50
Pipe diameter	mm	200	300	
Particle size range	mm	0.03–16	0.03–16	0.03–16
A Depth	mm	300	400	855
B Width	mm	300	400	380
C Height	mm	145	145	170
D incl. cleaning position	mm	895	1145	1225
Net weight	kg	28	45	82



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