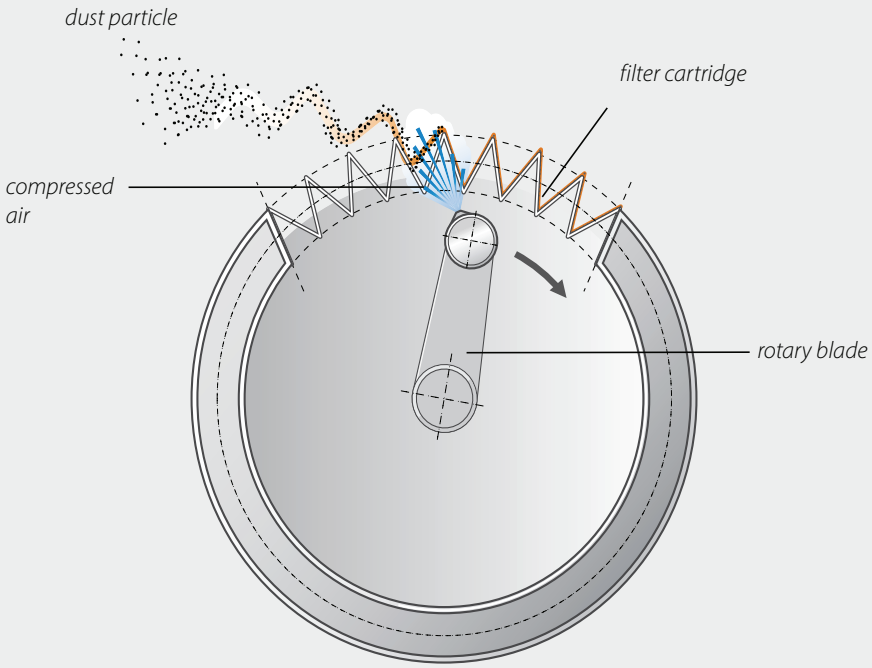
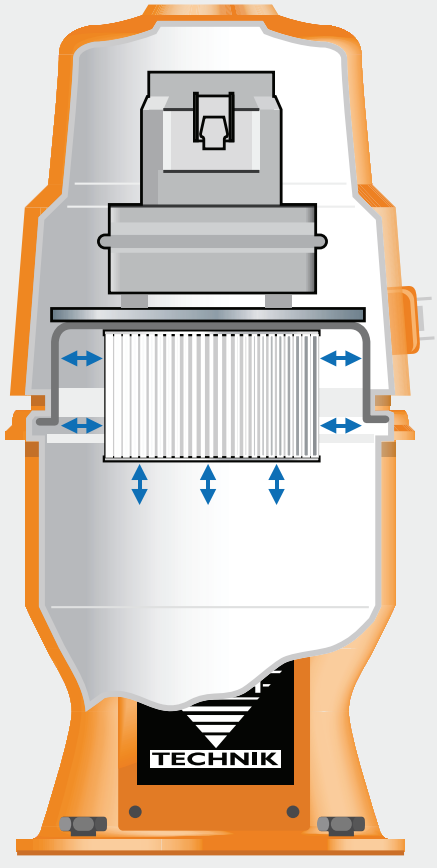
Conveying without dust

The automatic rotary blade cleaning ensures conveying without dust

Conveyors by KOCH with the automatic rotary blade cleaning do not produce any dust, irrespective of the type of material (virgin material, regrind or powder) conveyed. The resulting air stream is filtered in a big, absolutely tight filter made of polypropylene so as not to burden the environment. A rotary blade cleans the filter cartridge and dependably removes any residue so that the cartridge is absolutely clean for the next conveying cycle. The mounting plate of the conveyor is sealed with a rubber gasket so that no dust can escape from the system. However, you can minimise costs by choosing a filter cloth for materials with a low dust component.





Schematic representation of the cleaning process

Very small compact conveyors

for grains or ground materials – MIKO

- **MIKO is only 43cm high and weighs only 4,800 grams**
- volume 1.3 litres
- with a powerful 0.65 kw 230 V / 50 Hz commutator motor
- automatic rotary blade cleaning in the cartridge filter
- polyester fleece filters up to 2 µ
- easy to use, swivel and flap action
- throughput up to 15 kg/h, conveying distance up to 25 m, conveyor height up to 5 m
- includes 1 metre suction tube and 2.5 m antistatic hose (NW 30)
- alarm signal on material shortage
- with a glass ring insert

MIKO as a conveyor for a dosing station

MIKO's strengths are the very low throughputs. With a adapter fitting set in rubber, the device can be positioned easily on any dosing station.

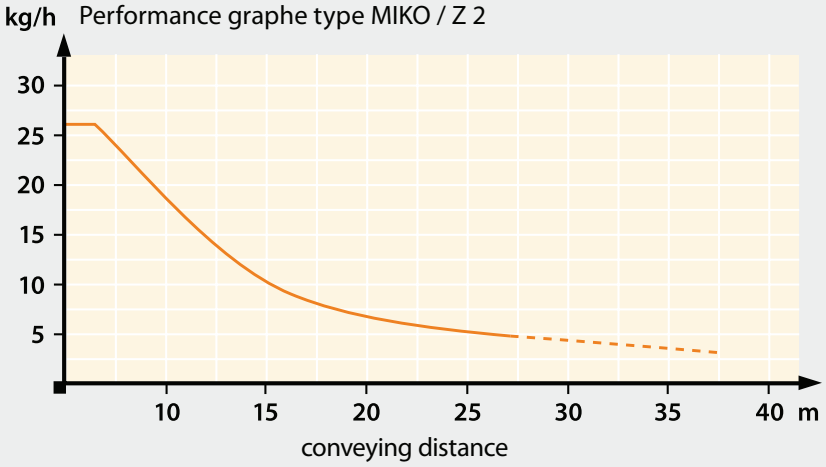
MIKO with a flange plate on a ground material station

With a flange plate, it fits on every KOCH ground material station and Z hopper. This small conveyor can also be installed directly on the machine hopper. The drill holes (Ø 7 mm) required for installation are standard.

intermediate hopper Z 2

Type MIKO / Z 2

With a Z 2 or Z 5 intermediate hopper, the MIKO is ideal for throughputs up to 15 kg/h. For very small conveying throughputs of max. 5 kg/h the Z 1 intermediate hopper is the best solution.



The diagram is based on:

- *conveying pipe Ø 40 mm*
- *particle size Ø 3 - 4 mm*
- *bulk weight 0,65 kg/dm³*
- *with two bends with 90°*

MIKO with a Z 1 intermediate hopper

Type	**Throughput** kg/h	**Commutator motor**	**Casing**	**Capacity** Litre	**Weight** kg	**Voltage** V/Hz	**Height/□** mm	**Cleaning** rotary blades	**Filter**
MIKO	5 to 15	1,1 kW	GKAL / So HB 100 glass	1,3	4,8	230/50	446 / 189	autom.	polyester-fleece-filter 2 µ

GKAL / So - die-cast aluminium is abrasion-resistant (with a Brinell hardness of 100)