

Combistoner and Air Recycling Separator

MTCG / MANW
Claude Inauen



MTCG Combistoner

Facts

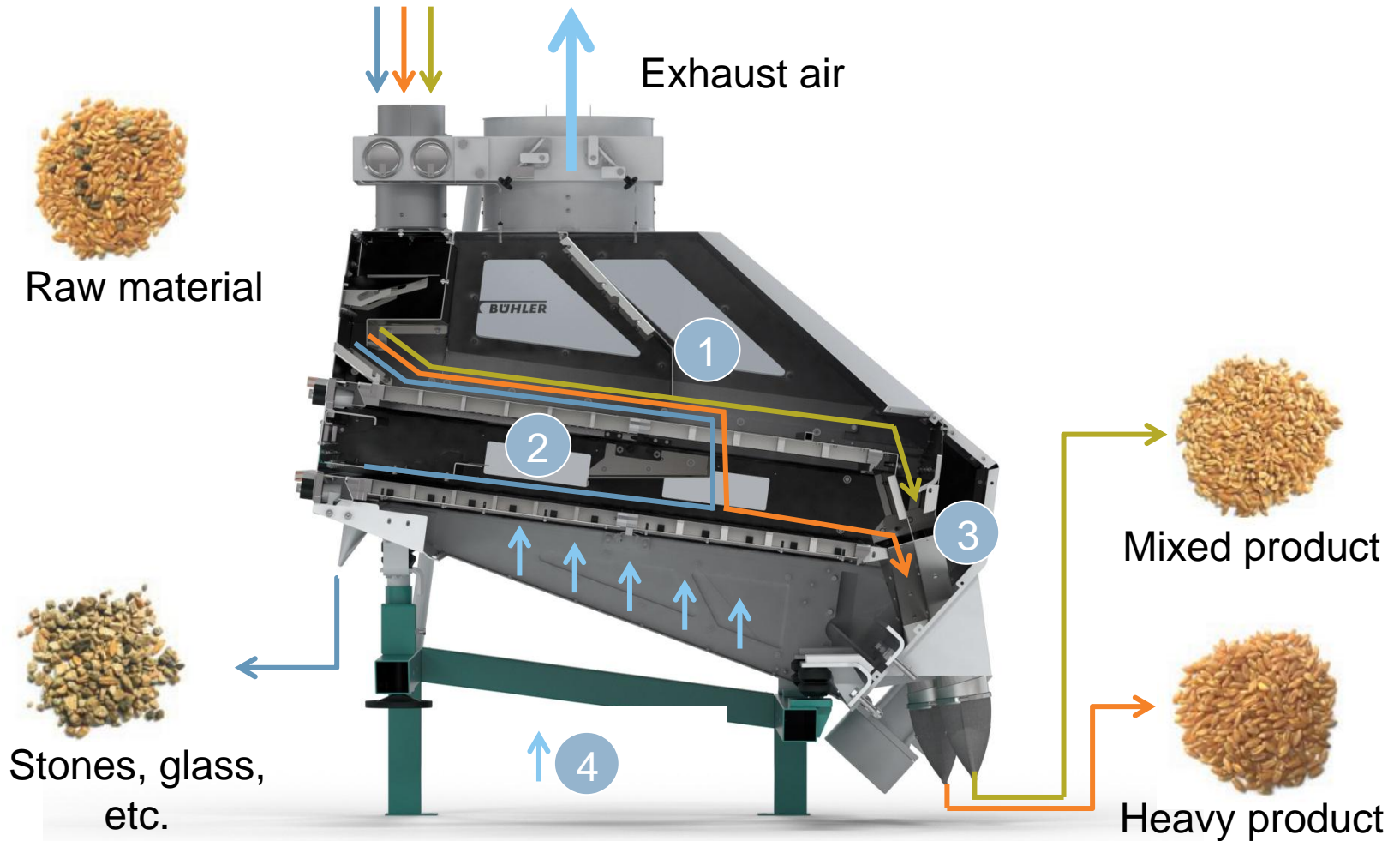
- Decreasing wheat quality
- Trend towards higher capacity mills
- Focus on energy efficient solutions

- High throughput capacity (up to 28 t/h)
- De-stoning according to specific density
- Product classification (heavy / mixed fraction)

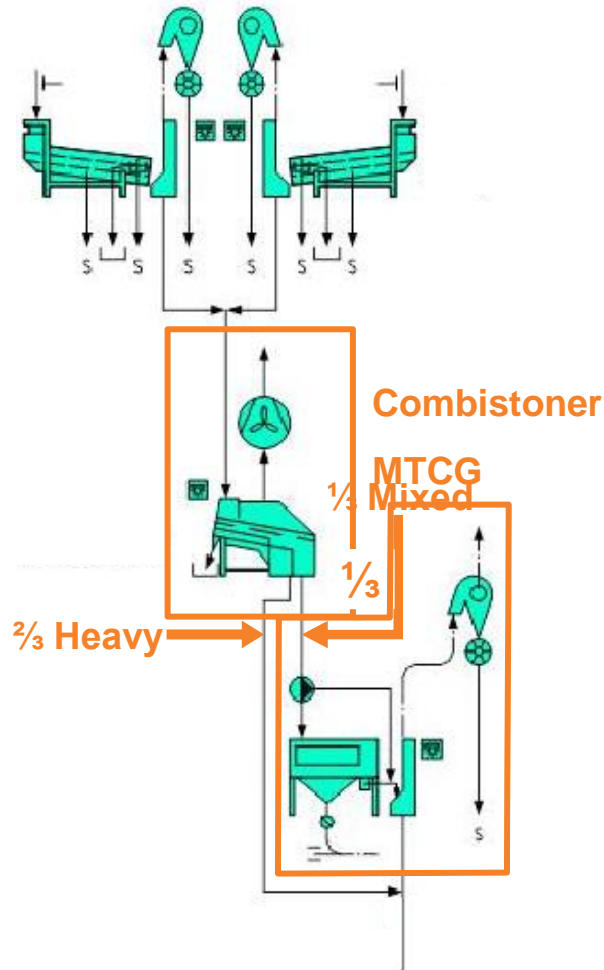


MTCG Combistoner

Functions: Two machines in one



MTCG Combistoner Application



The ideal solution for 600 t/24h wheat mills:

- Typical application in 1st cleaning section
- 28 t/h cleaning with only 1 machine
- Allows separate treatment of only mixed fraction
- Lower investment and operational costs on scouring

MTCG Combistoner Capacity

MTCG	Capacity (Wheat)
150/150	15-28 t/h
150/150 AR*	15-28 t/h
85/150	5-16 t/h
85/150 AR*	5-16 t/h

* = Air Recycling

- Fresh air application
- Air Recycling Separator



Air Recycling Separator

MANW
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MANW Air Recycling Separator

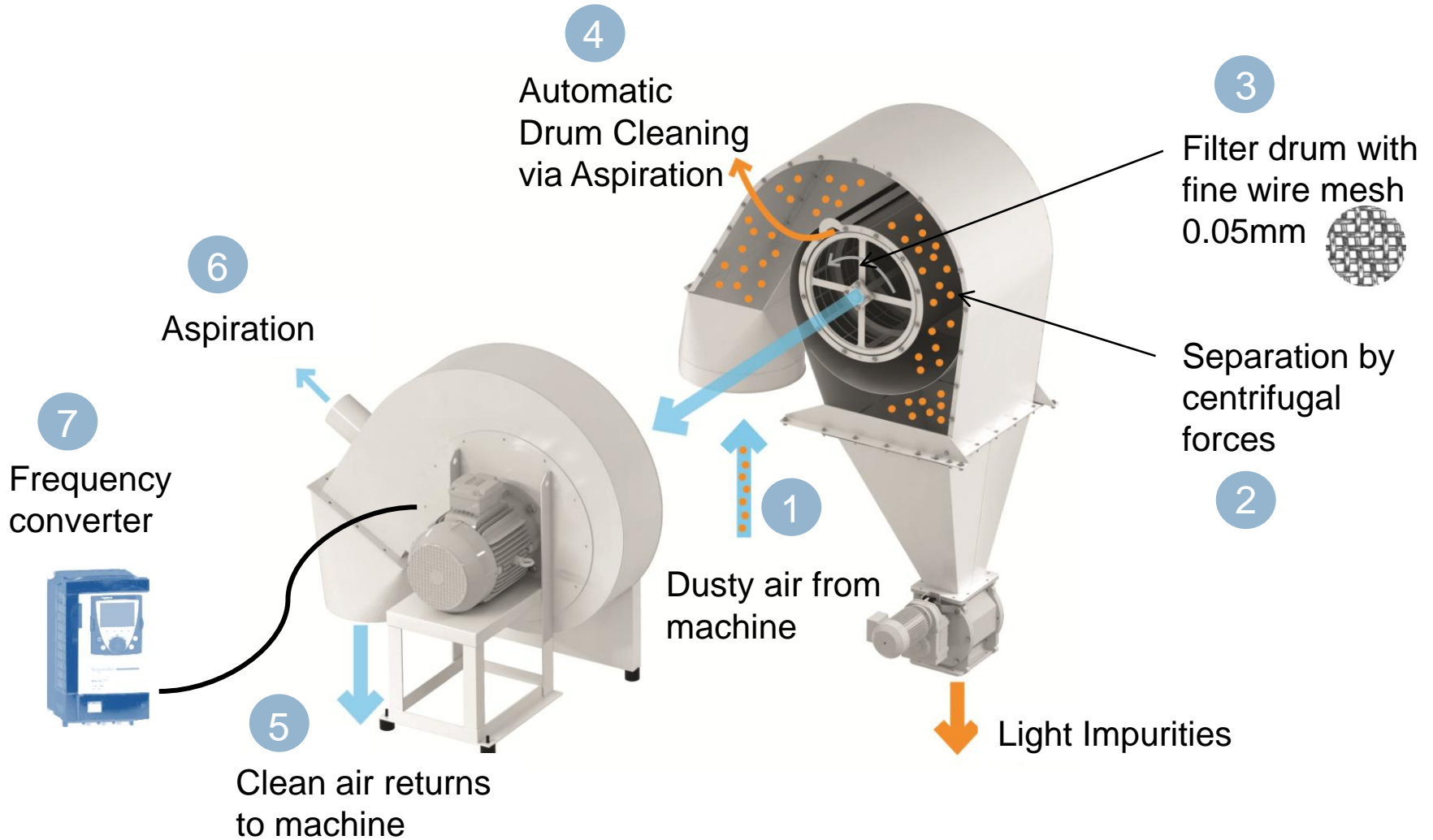
Key Features

- Tendency for clogs with highly contaminated products
- Existing systems sometimes not sufficient in separation
- Air recycling systems allow energy savings and less filter area
- High separation efficiency of impurities from air
 - Centrifugal forces (heavier particles)
 - Wire mesh filter (lighter particles) **New**




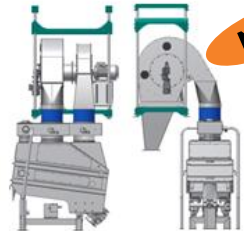


MANW Air Recycling Separator

Function



Combistoner & Air Recycling Separator Overview

	Combi-Cleaner MTKB		De-Stoner MTSC / MTSD
	 <hr/> 		 <hr/> 
Fractions / Separation	<ul style="list-style-type: none"> - Heavy Particles - Heavy Product - Mixed Product - Coarse, Fine & Light Impurities 		<ul style="list-style-type: none"> - Heavy Particles
Capacities	<ul style="list-style-type: none"> ...12 t/h ...24 t/h 		<ul style="list-style-type: none"> ...12 t/h ...22 t/h

➔ Air Recycling Separator Retrofits available



One step ahead.

 **BUHLER**