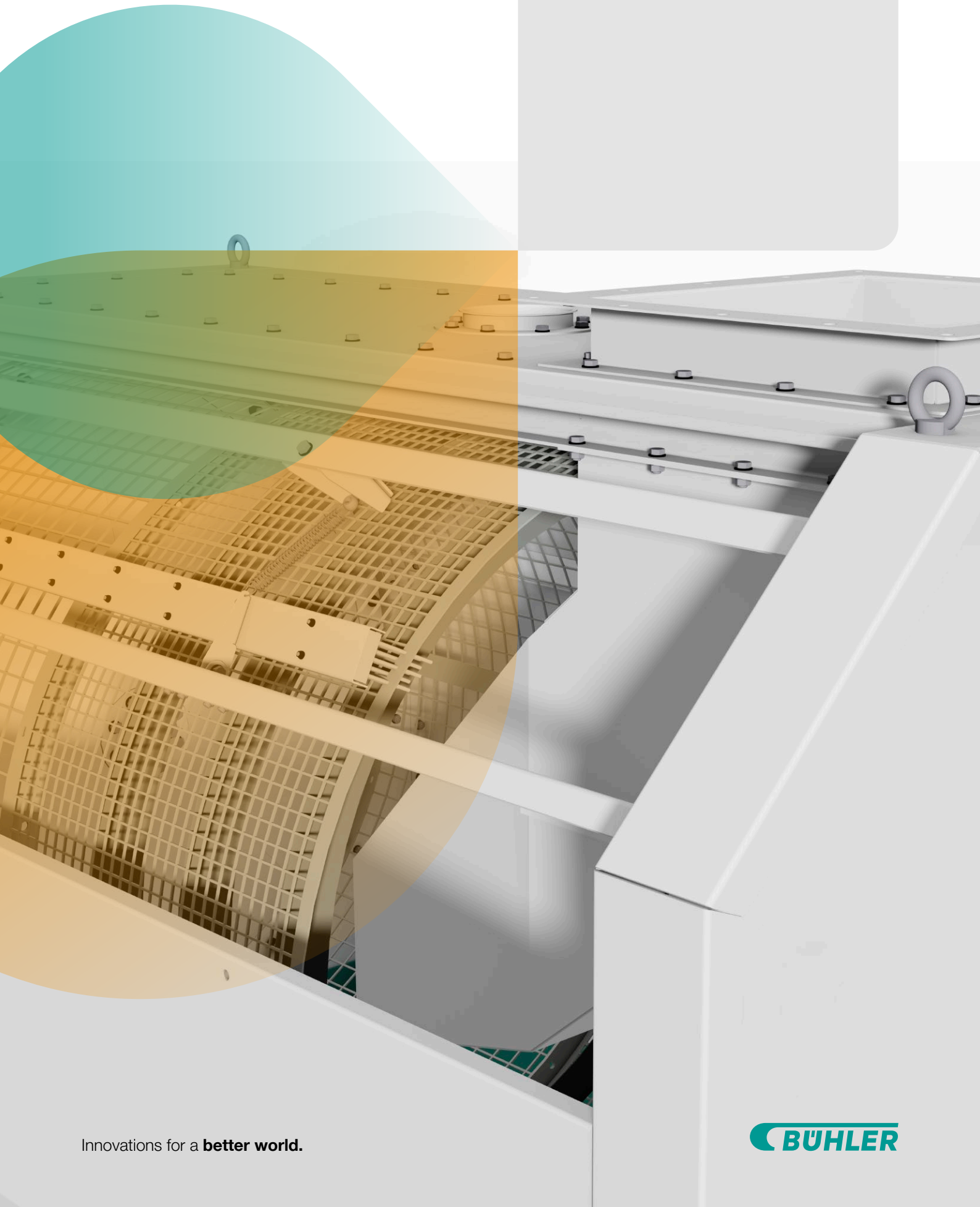


Drum sieve.
LAKA.



Machine protection and coarse cleaning. For high reception capacities.

Coarse cleaning of grain and other bulk materials reduces wear to the downstream equipment in the production process. Bühler's drum sieve machine reliably eliminates coarse particles, lumps, wood chips or corncobs. Therefore, the machine is essential in the reception of products in silos, storage facilities and grain terminals.

Reliable removal of coarse particles for optimal machine protection.

The material to be cleaned is guided through the inlet channel into the interior of the screening drum and is turned over there. The grain falls through the screen perforations while the coarse impurities are reliably directed to the outlet by a guided screw. The coarse impurities are thus efficiently separated and the operational safety of the entire production system is increased. Safety covers above all moving machine components also offer effective protection for operating personnel.

The benefits at a glance:

- Efficient coarse cleaning for high reception capacities
- Reliable protection of downstream machines for high plant uptime
- Long service life and easy maintenance thanks to robust and optimized design

»Why did we invest in two Bühler drum sieves? As a big terminal, we receive 450,000 tons/year from all over the world. The Bühler drum sieves remove big foreign particles without any problems and are very rugged in design. Thus all subsequent machines are reliably protected.«

Álvaro Barrio Pérez, Director TASA Santander, Spain

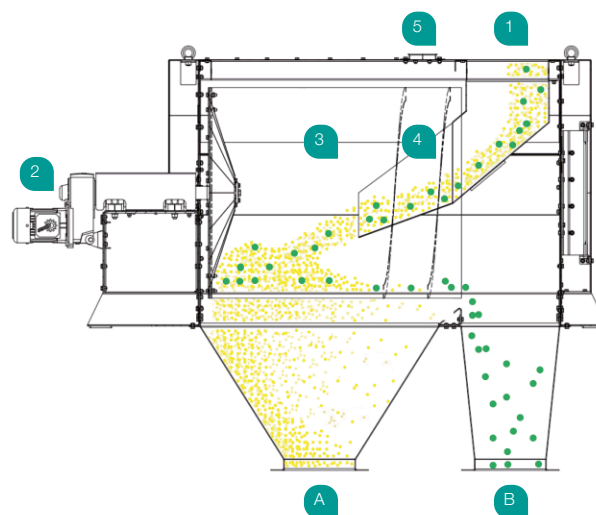


Sturdy design. With flexible configuration possibilities and options.



Easy maintenance and long life cycle.

The machine service life is increased further by using the optional wear protection (polyurethane plates) in the product inlet area, the product inlet channel and the outlet hoppers. The big front door as well as removable covers on both sides of the machine assure an easy access to the screen drum even more facilitated by choosing the optional crane trolley and/or swivel device. The drum can be changed quickly and easily due to the overhung position. Thanks to the integrated guided screw, it is also highly self-cleaning. The self-cleaning effect is additionally supported by a scraper brush.



- 1 Product inlet
- 2 Motor
- 3 Inlet cylinder
- 4 Outlet cylinder with guided screw
- 5 Dedusting connection
- A Good product
- B Coarse particles

Technical data and capacities:

	LAKA 200S [#]					LAKA 400S [#]					LAKA 200			LAKA 400			
	□20/ □10	□20/ □16	□25/ □10	□25/ □16	□25/ □20	□20/ □10	□20/ □16	□25/ □10	□25/ □16	□25/ □20	□30/ □20*	□40/ □20	□60/ □30	□30/ □20	□40/ □20	□60/ □30	
Max. product capacities																	
Wheat, rye, soybeans (0.75 t/m ³ , 15 % H ₂ O)	t/h	40	50	50	60	75	80	100	100	120	150	180	200	250	360	400	500
Corn (0.75 t/m ³ , 15 % H ₂ O)	t/h	-	-	-	-	-	-	-	-	-	-	165	180	225	330	360	450
Soy extraction meal (0.57 t/m ³ , 15 % H ₂ O)	t/h	-	-	-	-	-	-	-	-	-	-	55	60	75	110	120	150
Feed meal (0.55 t/m ³ , 15 % H ₂ O)	t/h	-	-	-	-	-	-	-	-	-	-	135	145	190	270	290	380
Barley (0.65 t/m ³ , 15 % H ₂ O)		35	43	43	52	65	70	86	86	104	130	-	-	-	-	-	-
Sieve drum diameter	mm			950					1,350			950			1,350		
Sieve drum length	mm			1,100					1,500			1,100			1,500		
Projected sieve area	m ²			1.0					2.0			1.0			2.0		
Motor power	kW			0.55					1.5			0.55			1.5		
Dedusting connection	m ³ /min			12					20			12			20		
Tara weight with wear protection and without options	kg			1,100					2,000			820			1,380		
Dimensions (L x W x H)	m	2.67 x 1.20 x 1.26					3.34 x 1.60 x 1.67					2.67 x 1.20 x 1.26			3.34 x 1.60 x 1.67		

* Inlet cylinder perforation / outlet cylinder perforation; different combinations possible
has a lower rotational speed, longer and steeper inlet channel, and longer guide screw

Bühler GmbH

Grain Quality and Supply
DE-92339 Beilngries
Germany

T +49 8641 701 0
F +49 8641 701 133

grain-quality-supply@buhlergroup.com
buhlergroup.com

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