

Pulshine

Polish to perfection – Experience hygienic, food-safe pulse polishing

Pulshine — Bringing food safety to pulse polishing.

Pulshine, a breakthrough solution from Bühler, enables processors to attain the desired polish on pulses without utilizing non-food grade materials like leather, nylon or cloth. This innovation is an industry first and signifies a major shift from conventional to modern design. By leveraging a combination of proprietary technologies and innovative design, it achieves the desired finish for pulse products, ensuring superior quality and cooler output temperature. The machine delivers perfection in both polish and profitability with lower power consumption and reduced maintenance requirements.

Key features and benefits



Leather-free, food-safe design



Uniform and long-lasting polish



Easy operation



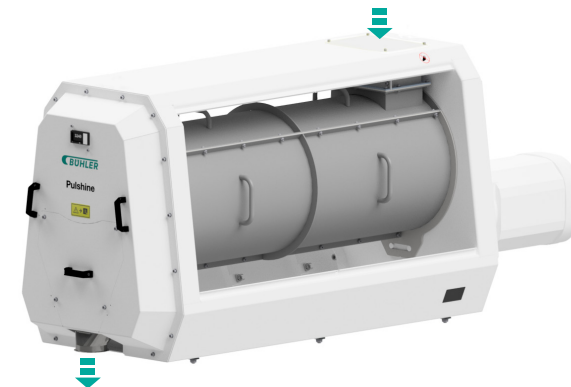
Low maintenance



High-level hygiene and sanitation



Low power consumption



Suitable for a variety of pulses



White peas
(whole)



Green grams
(whole)



Chickpeas
(split)



Red lentils
(split)



Green grams
(split)

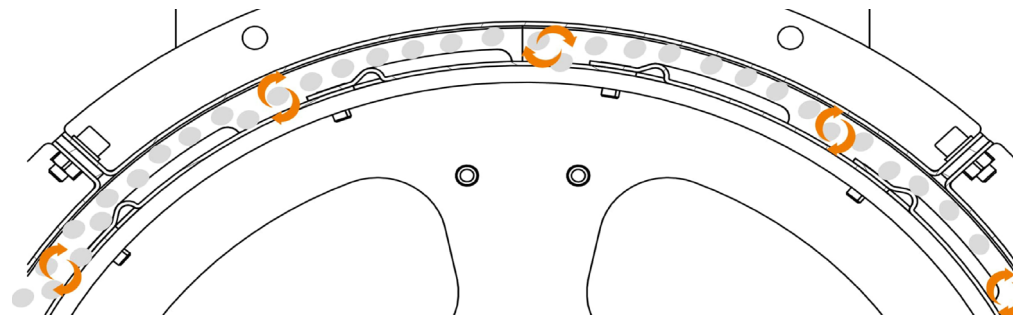


Pigeon peas
(split)

Bühler Pulshine

A breakthrough innovation

Pulshine utilizes grain-to-grain polishing, rather than the conventional grain-material polishing. This approach leverages unique grain movements within the polishing chamber, where a gentle gliding action ensures superior polishing quality. With its patented design, Pulshine® sets a new standard in pulse polishing technology.



Feature comparison	Bühler Pulshine	Conventional polisher
Hygiene	Hygienic — no residues on product	Unsafe — residues from leather or cloth may adhere to product
Consistency	Consistent performance	Performance drops as polishing material starts wearing off
Maintenance	Low wear and tear	High — frequent changing of polishing material is needed
Polish performance	Uniform and long lasting	Less uniform — product may develop white patches
Product temperature	Low	High
Sanitation	High — almost zero product retention inside polishing chamber	Low — chances of microbial contamination is high due to a combination of moisture, polishing material and heat

Technical Specification

Machine	Capacity kg/h	Motor kW	Approx. Weight kg	Dimension l x b x h in mm
Pulshine	750-1200	18.5	950	2750 x 880 x 1000

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