



SmartCraft.

Turning malt into
precious drops.



Grain & Malt



Handling



Cleaning



Grinding



Transport



Customer Service



Grist

Handling. Not a single kernel gets lost.

When taste is primary, it has to start with the raw ingredients. The first step to perfect beer is handling the ingredients for your craft beer properly. Our SmartCraft solutions are suitable to discharge for both: small quantities and special malts.



The Discharge Station MKSC is ideally suited both for bags up to 25 kg and big bags

Discharging of **various raw grains and malt types** as well as other ingredients
High product safety thanks to a sieve which prevents contamination from foreign bodies
Hygienic operation with clean discharging and **simple cleaning**
The **compact and ergonomic design** allows the machine to be placed in small spaces



The Bulk Scale Tubex MSDL for accurate weight measurement

Discontinuous hopper scale for **weighing grist and malt**
Outstanding precision for free flowing and non-free flowing products
Superior sanitation and **minimal maintenance**



The Flowbalancer MZAH measures and regulates the flow rate

Ideal under silos for **automatic creation of malt blends** and for adding special malts
Precise regulation of well-dosed products
Robust and **maintenance-friendly design**



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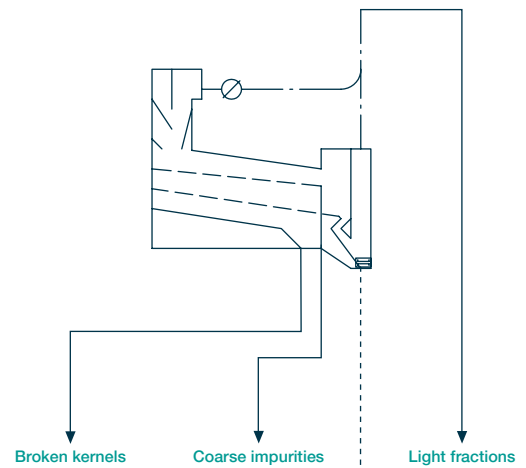
Cleaning. Purity is our top priority.

Grain and malt often contain impurities such as foreign seeds, stones, dirt and other foreign bodies. With our machines, you get nothing but pure malt, free of contamination.



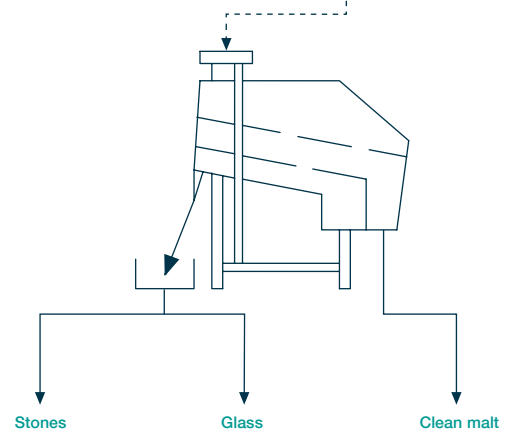
The Screening Machine GrainPlus LAGA removes impurities

- Light and coarse fractions are **separated**
- Optional magnet** to remove metallic objects
- High system availability**
- Easy maintenance** with access to the screens from the front



The Destoner MTSC separates foreign bodies from a product stream

- Removes** stones, glass and other heavy parts
- Excellent degree of separation**, even for small and light stones
- Low energy consumption thanks to the **air circulation system**





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Grinding. Good malt and great beer deserve 4 rollers.

Our portfolio includes a variety of grinding solutions that can match the capacity of your brewery. The dry grinding provides higher yield due to optimal milling and enables a wide range of different raw materials and malt types to be processed. For mash-filter applications we also offer hammer mills.



The 4-Roller Malt Grist Mill LEFA for up to 40 hl per brew

Excellent grist composition for malt and barley, **which improves lauter performance and brewhouse yield**
Easy operation thanks to the intuitive grinding gap adjustment
Stainless steel design for optimal sanitation and aesthetic look
Direct mashing-in up to 20 hl per brew
Indirect mashing-in up to 40 hl per brew



The 4-Roller mill Minicomact MDZE up to 100 hl per brew

Combining safe and efficient crushing of malted or un-malted grains
Optimal grist composition for **highest yields and shortest lautering times**
High safety standards with a proven security concept
Grinding over two passages with **easy grinding gap adjustment**
Direct mashing-in up to 50 hl per brew
Indirect mashing-in up to 100 hl per brew



The 4-Roller Grist Mill Maltomat III MDBA up to 500 hl per brew

Gentle and optimal grinding of malt and unmalted grain with two passages
Increased brewhouse yield thanks to the automatic grinding gap adjustment
Direct drive without transmission and V-belts leads to **reduced energy consumption**
Direct mashing-in up to 250 hl per brew
Indirect mashing-in up to 500 hl per brew



The 6-Roller Grist Mill Maltomat III MDBA up to 500 hl per brew

Gentle and optimal grinding of malted and unmalted grains over three passages and a sieve module. Ready for dry dehushing
Accurate separation of husk, grist and flour for reduced lautering time
Well-designed maintenance concept with **easy access to the machinery and superior product quality** as well as fast rolls and sieves exchange
Direct mashing-in up to 250 hl per brew
Indirect mashing-in up to 500 hl per brew



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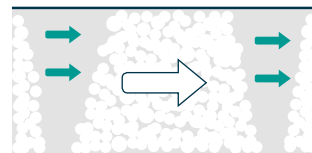
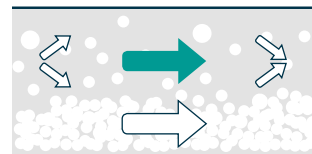
Conveying. Flexible solutions for your business.

The entire process can be optimized by integrating the latest innovations. The right transport system reduces product breakage and machine wear to a minimum, increases flexibility and reduces operating costs.



TUBO – the new Tubular Push Conveyor LBG

The loose pusher elements make **three-dimensional conveying** possible
The **closed transport at low speed** eliminates the need for additional explosion protection measures
TUBO's friction-optimized product conveyance **minimizes breakage and energy consumption**
Hygienic and dust-free conveyance with no residues



Conveying systems for vertical and horizontal conveying

Flexible modular system with galvanized and stainless options with wear and explosion protection
Easy maintenance and **long life cycle**
High operational safety with zero-speed detector, off-track detector and holdback

Pneumatic conveying for conventional or gentle conveying

Horizontal or vertical conveying across **short or long distances**
"Fluidlift" dilute-phase conveying for floury or grainy products
"Taktchub" dense-phase conveying for gentle malt conveying



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Service. Think globally, act locally.

We care about your brewery. As your contact partner, we provide support with complete solutions, with more than 1000 service employees in over 100 countries.



Universal laboratory mill DLFU for fast grinding

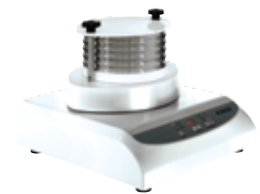
Precision grinding of grains and malt for all common laboratory analyses, recognized by EBC, MEBAK, and IOB.

The Laboratory Sifter MLUA: : Determine your grist composition & quality

Reliable and **reproducible analysis results**

Standard sieve sets available for grist, grits and flour in accordance with MEBAK and EBC standards

Rugged housing with integrated drive, a control unit and stainless steel sieve sets

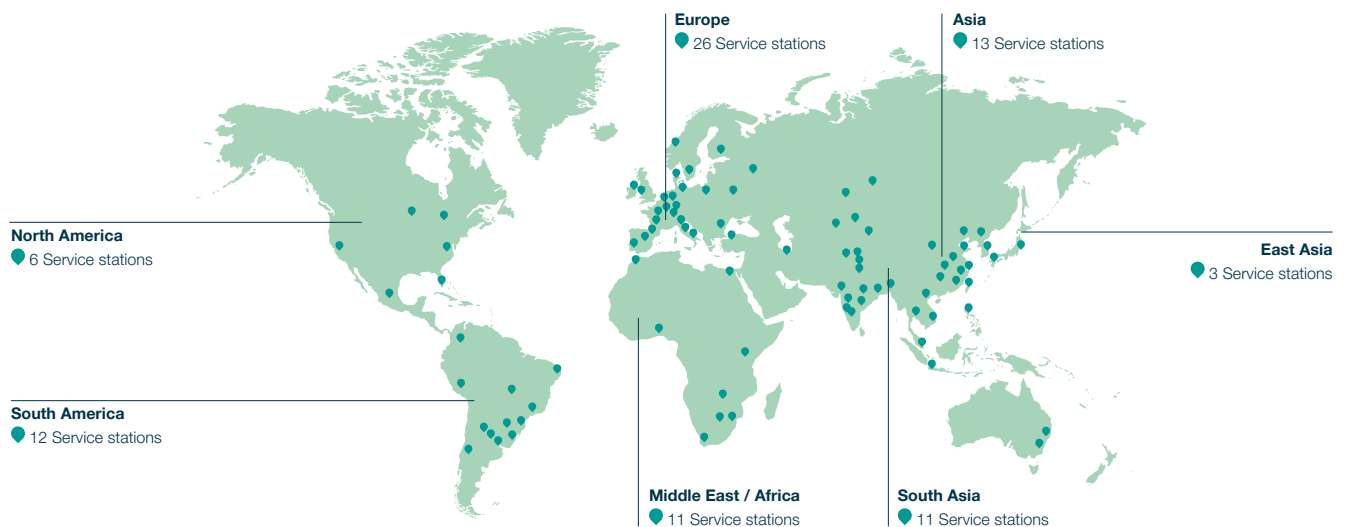


rollDetect Service to determine the wear

Quality control and **wear measurement**

Recording of the wear profile

Optimal planning for roller change



Bühler's world-wide service network guarantees maximum system availability with short delivery times
Services for the entire dry process including overhaul and repair of dry and wet rollers



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