



M Sizer TECHNOLOGY

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PRECISION SCREENING FOR FEED PRODUCTION

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ECONOMICAL. EFFICIENT. ENVIRONMENTALLY FRIENDLY.

In feed manufacturing, screening is more than a step in the process, it's a safeguard. Against contamination. Against inconsistency. Against unnecessary wear and energy loss. From raw ingredient intake to final pellet sizing, every stage benefits from clean separation.

And that's where MOGENSEN screening technology steps in: compact, reliable, and designed to keep production running at its best.





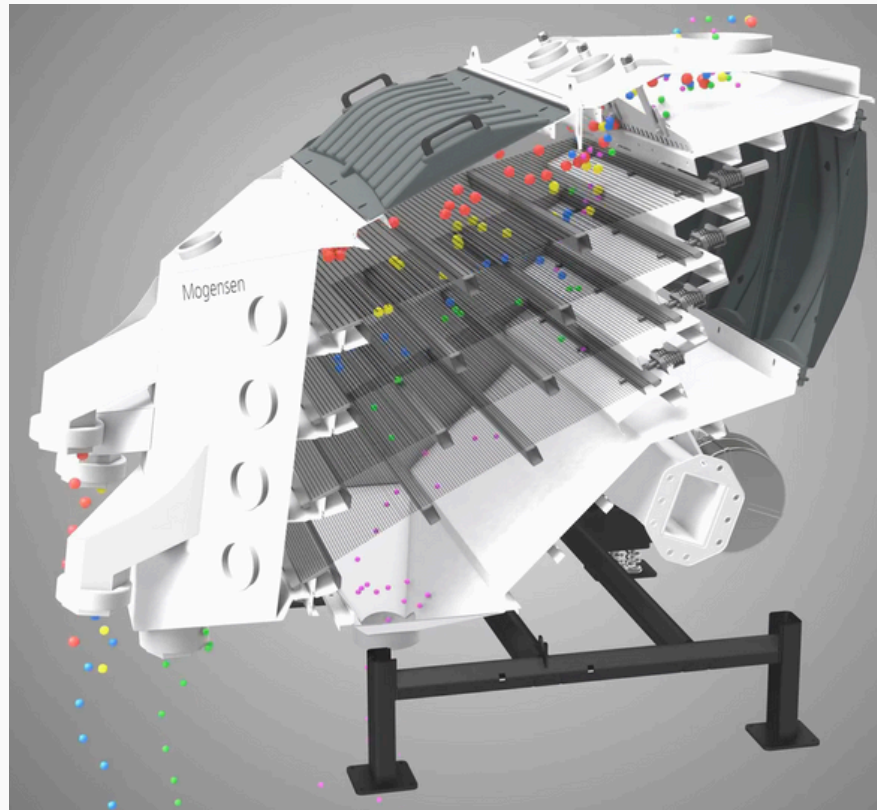
TECHNOLOGY FOCUS

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THE CASE FOR BETTER SCREENING

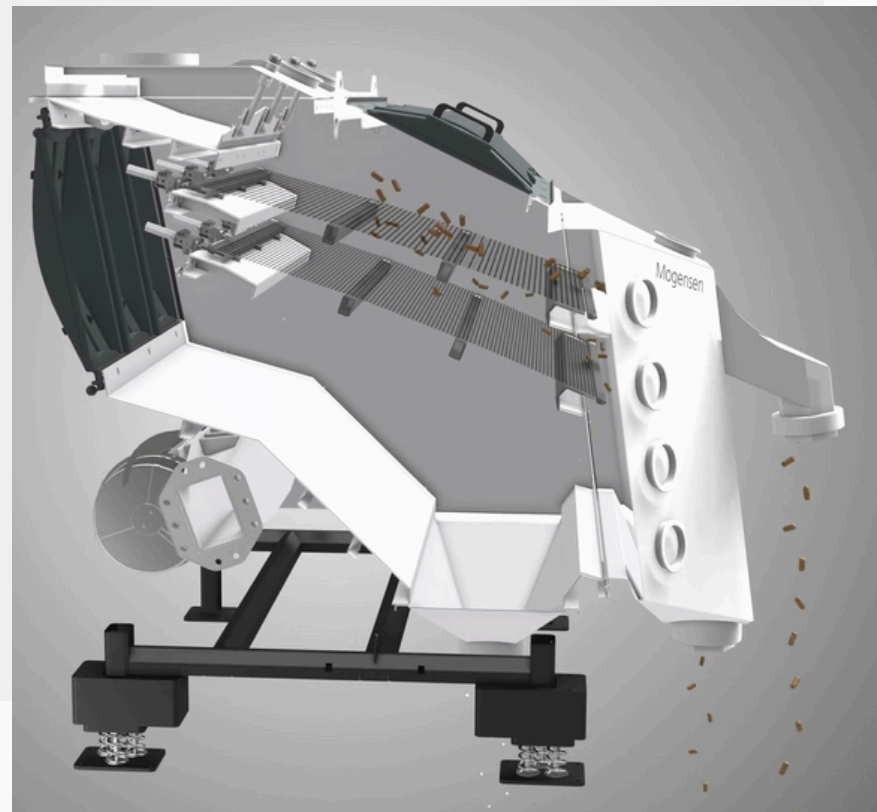


Feed plants are under growing pressure:

- Maximize throughput
- Minimize energy use
- Maintain product consistency across changing materials

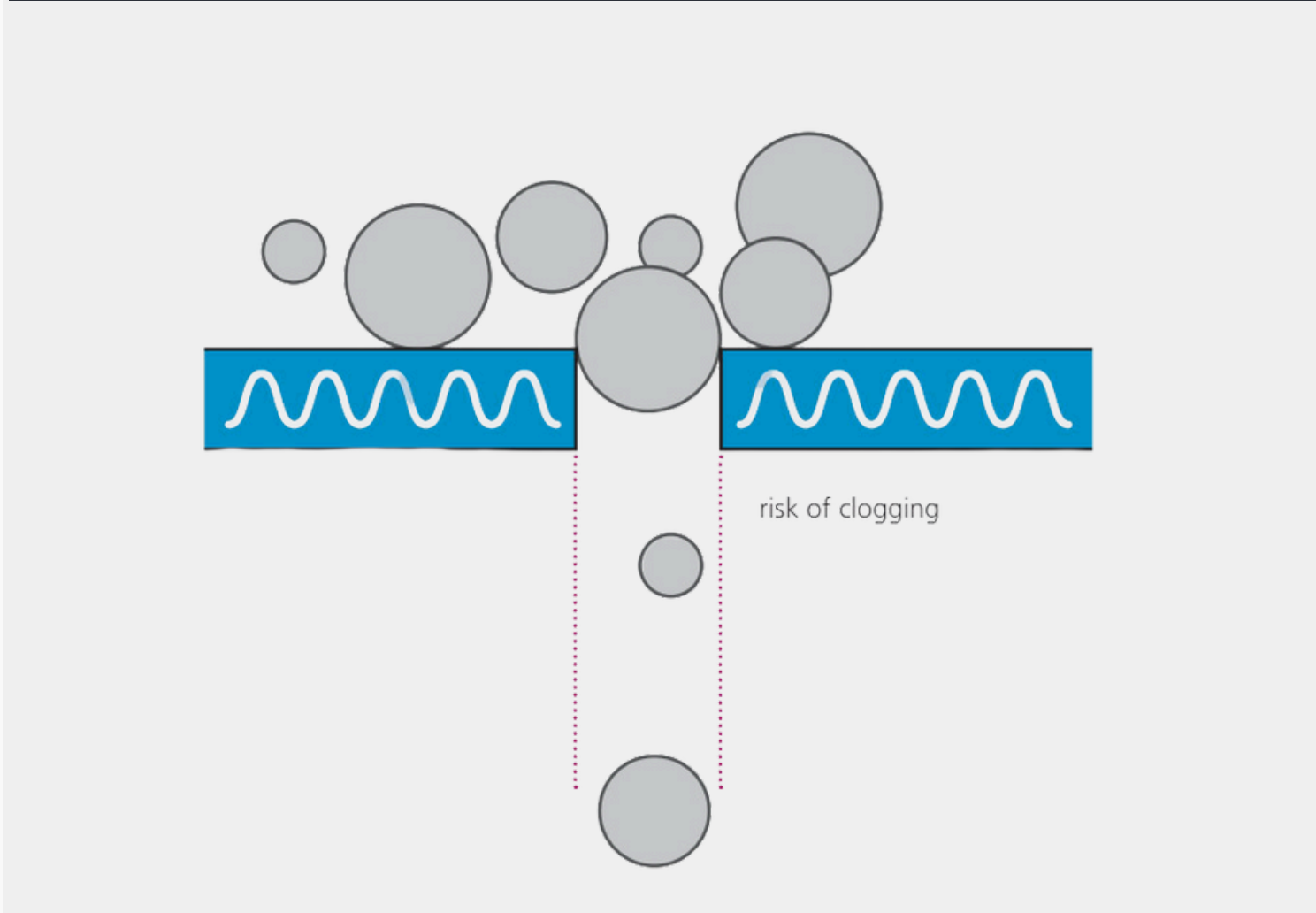
Traditional screening systems—often based on thicker material beds and single-deck designs, can face limitations when handling variable feedstock or finer separations. The MSizer offers a different approach:

A multi-deck system engineered for controlled flow, reduced buildup, and efficient fractioning, without increasing footprint or complexity.

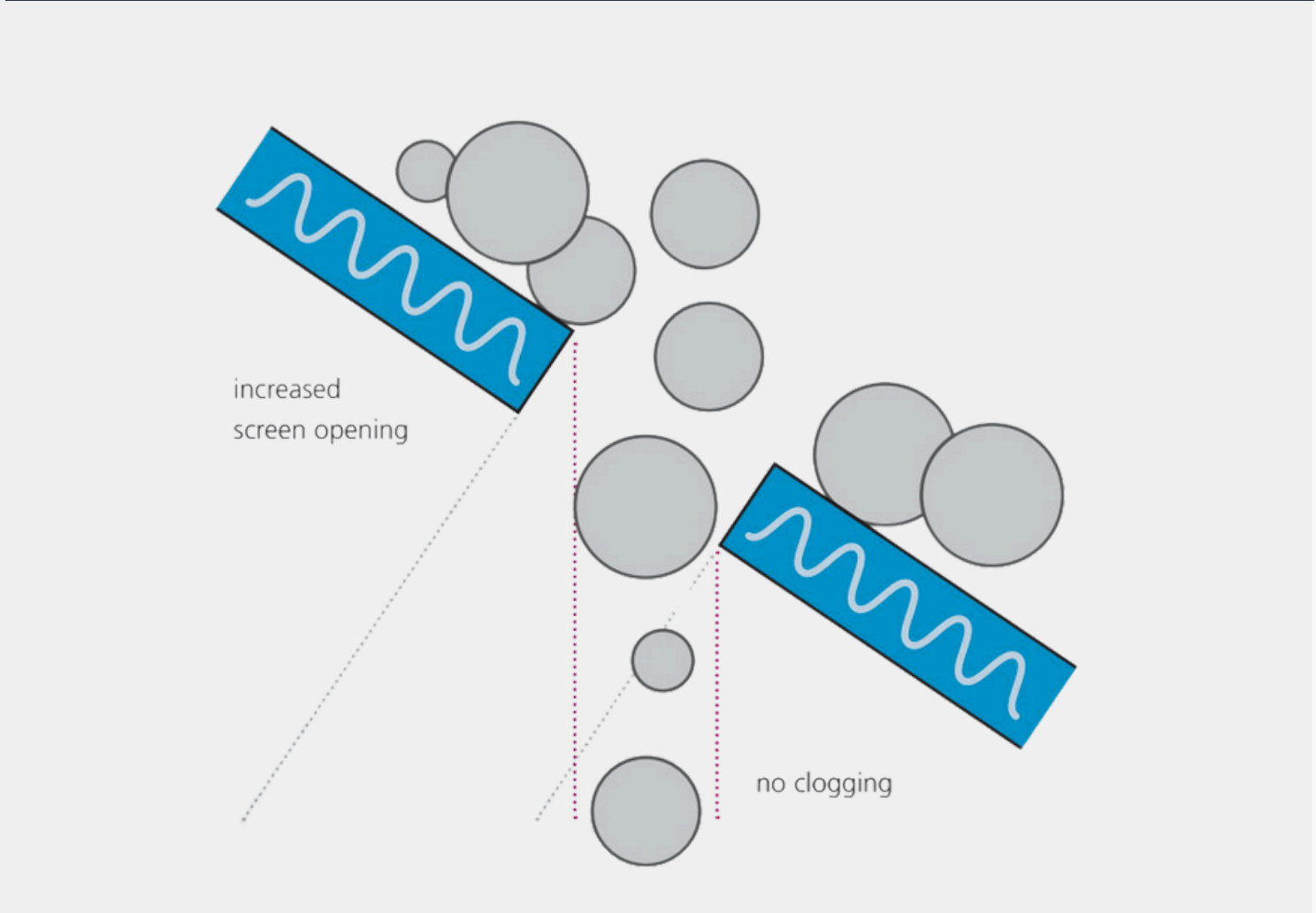




Conventional Screening Technology



The MSizer Principle





MOTION MATTERS

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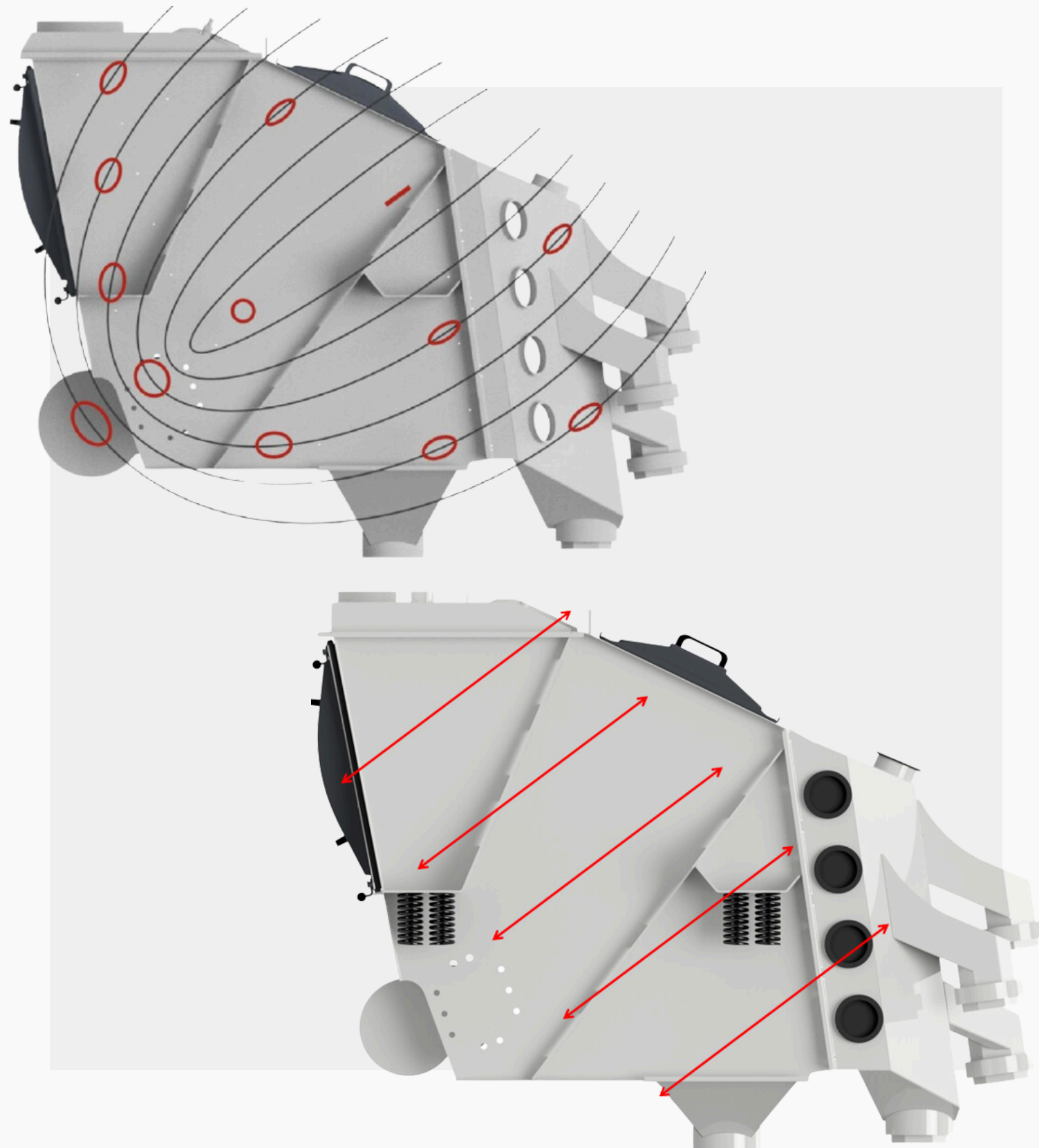


MOTION THAT MATCHES THE MATERIAL

Screening efficiency depends on how material moves across the screen. That's why the MSizer offers two motion types, each suited to specific process needs:

- Elliptical motion creates a rolling flow, gentle, stable, and effective for finer materials or those prone to sticking. It keeps product in motion while avoiding screen blinding.
- Linear motion produces a strong, directional force, ideal for coarser feedstocks and high-capacity intake screening where rapid forward movement is needed.

Selecting the right motion ensures clean separation, steady throughput, and longer screen life, especially under the demands of modern feed production.





ONE MACHINE.
THREE CRITICAL TASKS.
NO COMPROMISE ON
FOOTPRINT.

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KEY APPLICATIONS ACROSS FEED PROCESSING



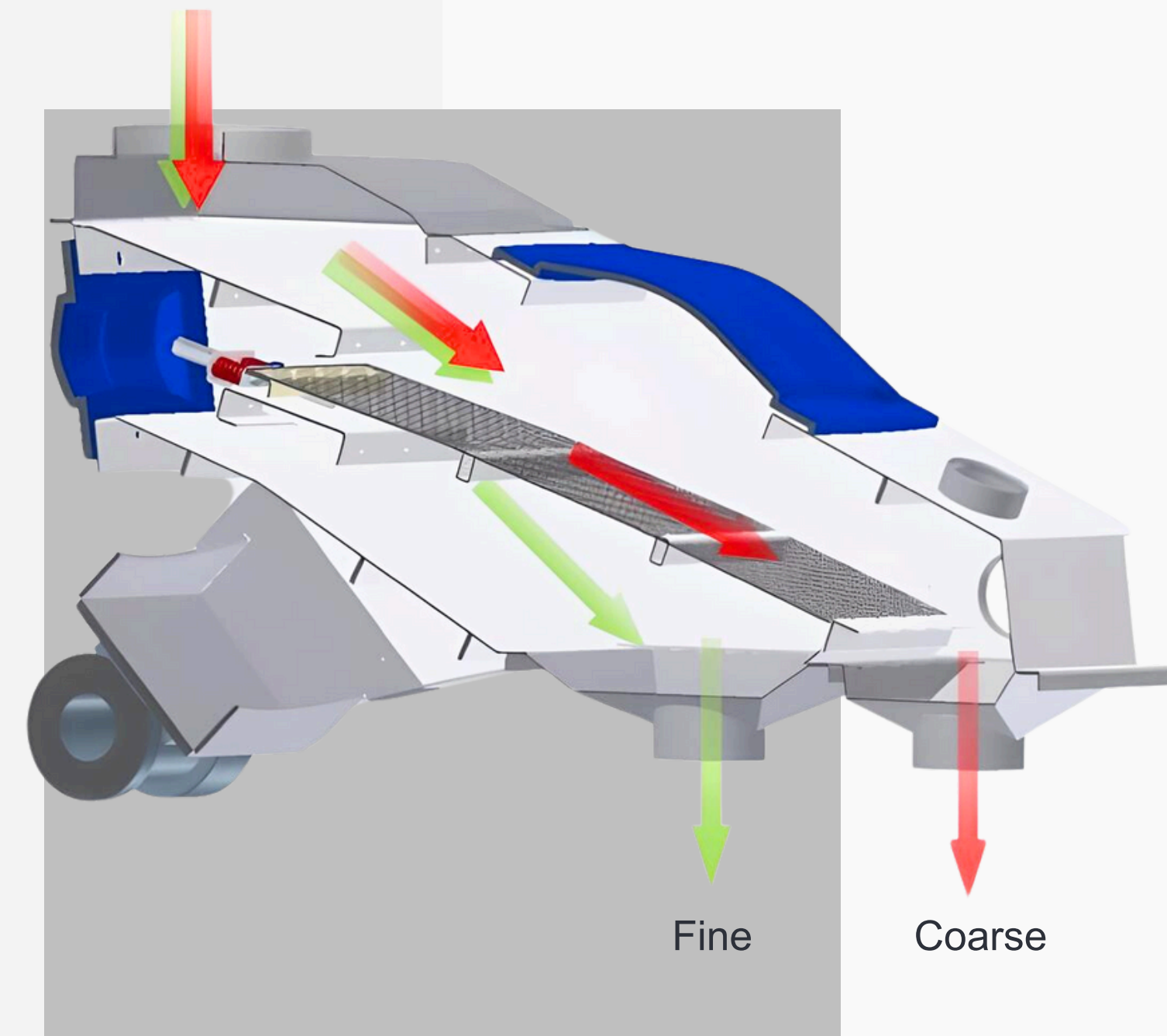
MOGENSEN sizers integrated into feed plants worldwide, take on multiple roles in a single footprint:

- **At intake:** Screening raw materials like maize or soy before silo storage to remove large contaminants
- **Before grinding:** Bypassing fines reduces mill load, improves energy efficiency, and protects the process
- **Post-cooling:** Separating fines, agglomerates, or crumbles before bagging ensures better pellet quality and packaging flow

EFFICIENT PRE-STORAGE SCREENING FOR SAFER FEED PRODUCTION

Screening raw materials before they enter the storage silo is crucial to maintaining feed quality and protecting downstream equipment. The MSizer handles a wide range of inputs—grains, rice, maize, and more—effectively separating foreign bodies to ensure only clean material moves forward.

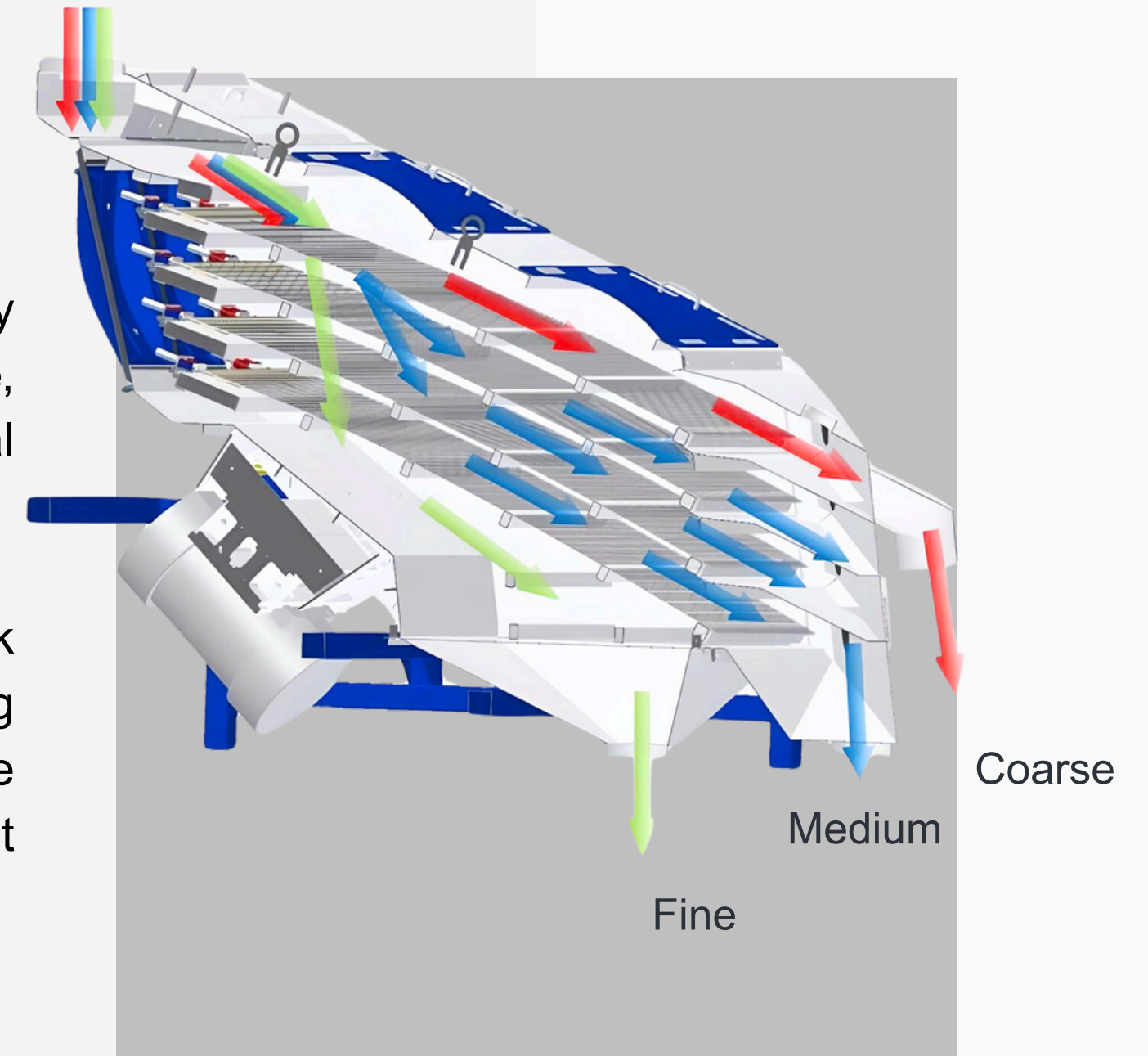
Typically, the safety cut is set at 30 mm, effectively removing larger contaminants and reducing the risk of equipment damage during further processing. This step not only safeguards the product but also supports a more consistent production flow.



SCREENING IN THE PELLET & CRUMBLE PROCESS

Within the animal feed production line, controlling the quality of pellets and crumbles is essential. After the cooling stage, fines and agglomerates must be removed before the material is stored or packed.

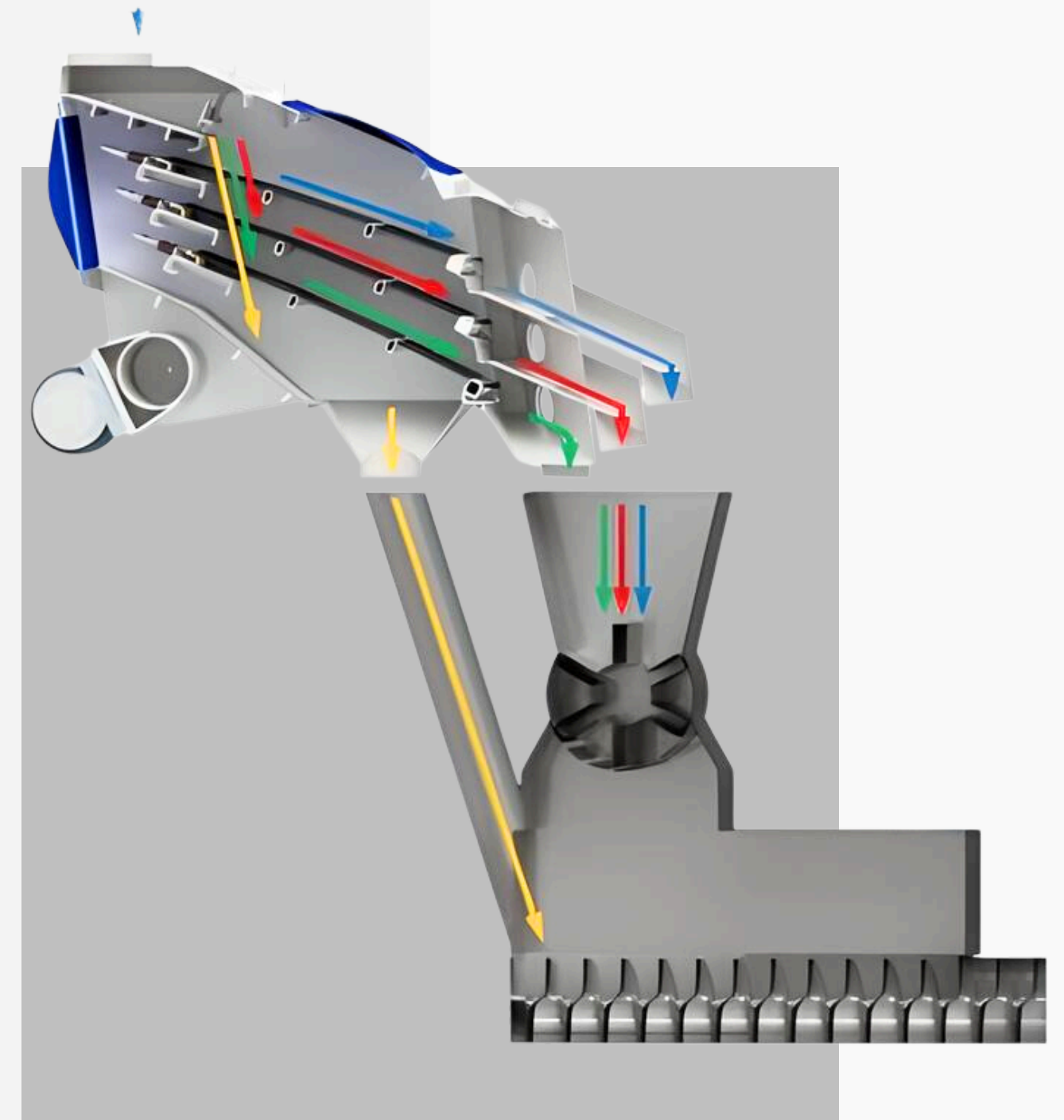
The MSizer is specially designed to perform this critical task—efficiently separating unwanted particles while maintaining the quality of the finished product. This ensures that the pellets and crumbles delivered to the end user meet consistent quality standards.



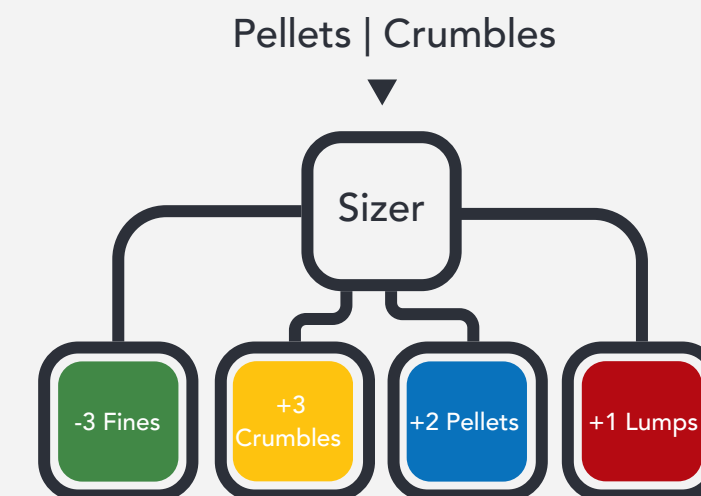
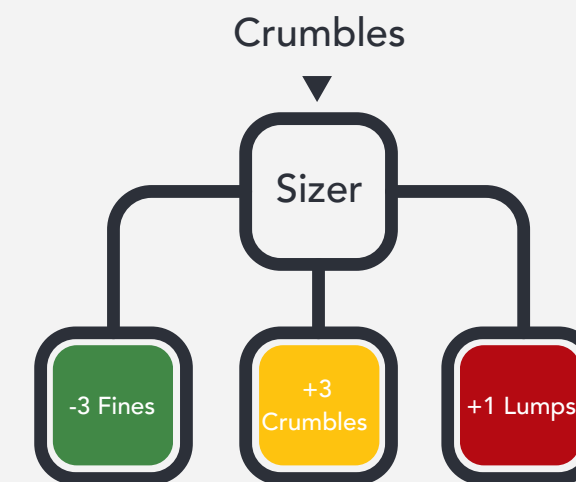
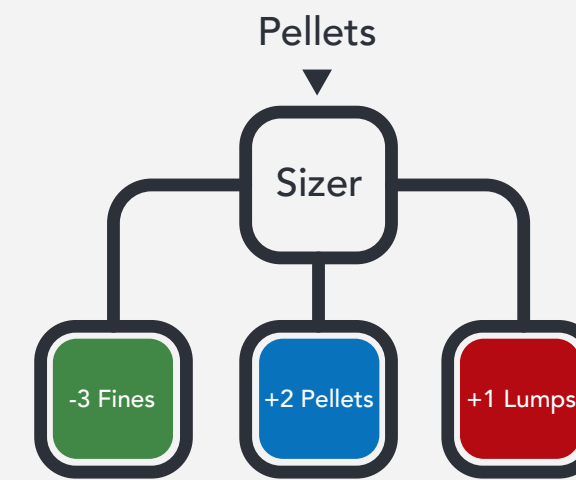
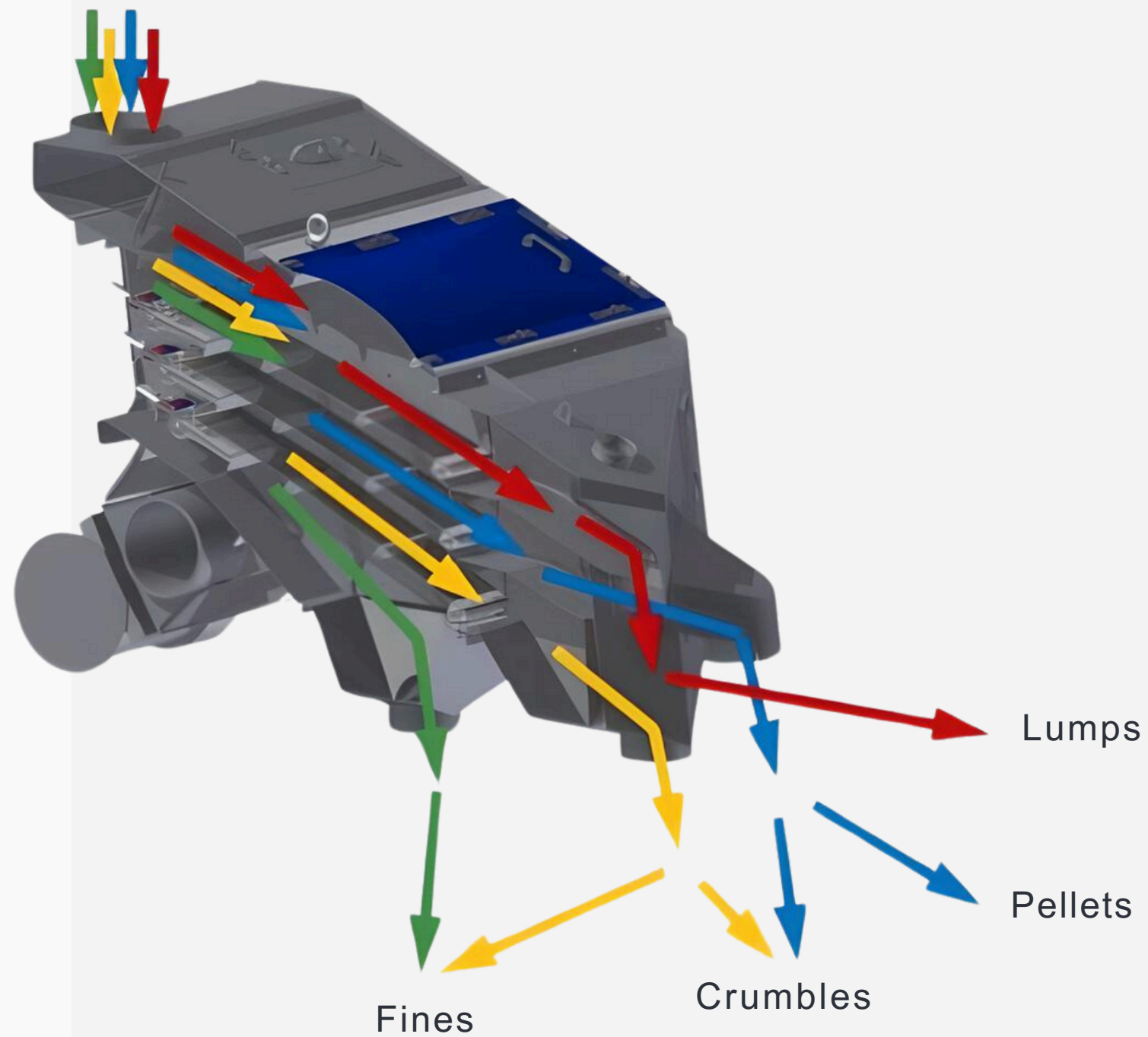
OPTIMIZING GRINDING EFFICIENCY WITH PRE-SCREENING

Before the grinding process, it's important to separate smaller particles that don't require further size reduction. The MSizer helps optimize the grinding step by efficiently separating and bypassing particles that are already smaller than the required size.

This pre-screening reduces the mill's workload, saving energy and increasing capacity, while also protecting the mill from unnecessary wear and tear.



THREE PROCESSES, ONE SIZER





TWO DESIGNS.
ONE SCREENING STANDARD.

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COMPACT OR HIGH-VOLUME: SCREENING FOR EVERY SCALE



Feed plants have different needs, but precision and reliability remain constant. That's why the MSizer comes in two distinct designs:

- **MSizer Compact:** Small footprint, versatile applications, designed for facilities with limited space but high expectations.
- **MSizer Double Capacity:** High throughput for large-scale feed operations, engineered for maximum performance without increasing complexity.

One principle. Two designs. Reliable screening, no matter the scale.



THE FACTS

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REAL-WORLD ADVANTAGES

The MSizer combines advanced engineering with practical features to meet the diverse needs of feed production.

- **High Capacity:** Capable of handling up to 100 t/h while maintaining a compact footprint.
- **Reduced Vibration:** Double-spring assemblies cut dynamic load by up to 75%, minimizing stress on the installation.
- **Modular Design:** Easily configurable with fast screen changes and modular rear covers for quick maintenance.
- **Versatile Applications:** Efficient screening for raw material intake, pre-grinding, and post-cooling, ensuring optimal feed quality.
- **Durable Construction:** Designed to withstand abrasive and dusty environments, reducing maintenance needs.



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