


MSizer Double Capacity

Engineered for safe food
& feed applications



MOGENSEN



Economical. Efficient. Environmentally Friendly.

With the MSizer Family, MOGENSEN pushes bulk material screening into a new era.

The MSizer models are based on the same Sizer principle developed and proven by Fredrik Mogensen more than five decades ago. They combine state-of-the-art technology with years of extensive knowledge and expertise.

The result is an even more accurate screening process with increased throughput in a smaller footprint.

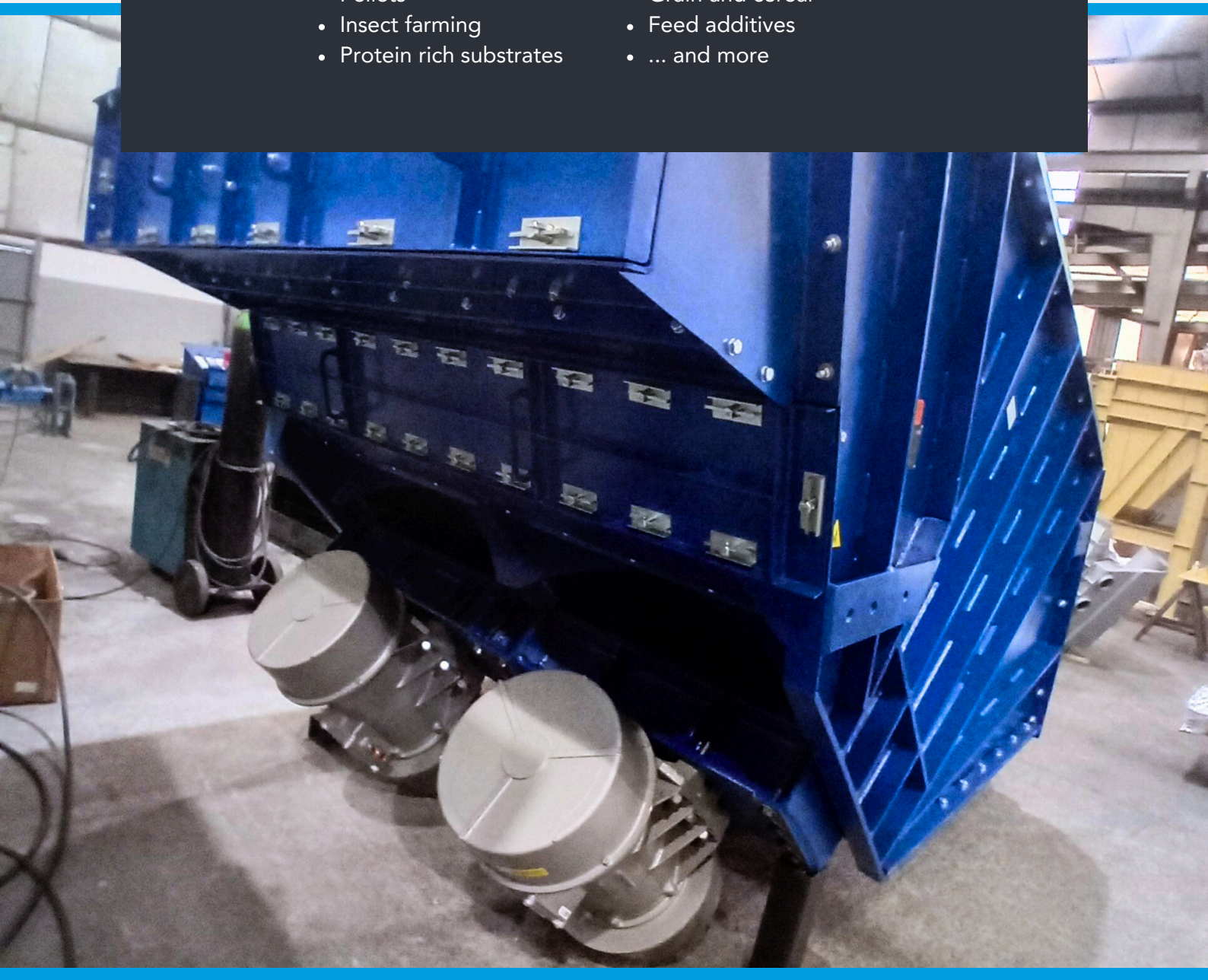
Advanced Screening Solutions

For over seven decades, Mogensen has pioneered material screening technologies that optimize efficiency and capacity. At the core of Mogensen's innovation is its ability to tailor solutions that meet the exacting standards of food processing.

ENGINEERED FOR SAFE FEED APPLICATIONS



- Pellets
- Insect farming
- Protein rich substrates
- Grain and cereal
- Feed additives
- ... and more





MAXIMUM BED THICKNESS:

250 mm, leading to an asymmetric deck configuration with an extended frame (+450 mm).



FINES SUCTION OPTIMIZATION:

Lower suction is applied to maximize dust and film removal, limited by fluidization speed for 1–2 mm material.



FRONT OUTLET DESIGN

Sealed to the frame and static by default, but designed with a spring and vibration base plate to allow 3–4 mm vibration if oversize material is too large or sticky.



FRAME DESIGN

Engineered for extended configuration and asymmetric decks, with 500 kg resident material capacity. Constructed with 8 mm wall thickness (AS 3066 standard) and two additional thicker ribs for reinforcement.



POTENTIAL EXTENSION

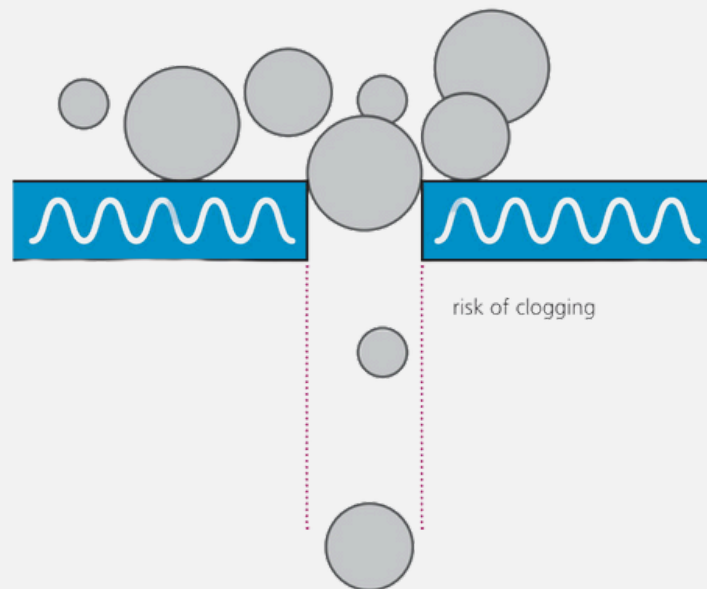
Additional springs can be installed at the rear if needed for further structural support.



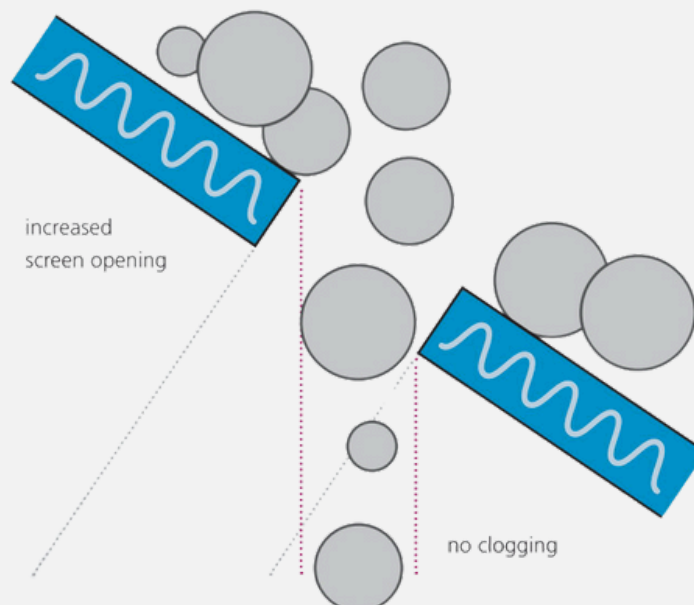
GRAVITY CENTER CALCULATION

Based on the resident material load to ensure stability and optimal performance.

Conventional Screening Technology



MSizer: The Innovative Sizer Principle



High Feed Rate & Efficient Processing

- **Feed Capacity:** 250–350 TPH
 - **Particle Size:** 2–15 mm, with a dedusting cut at 5-3 mm
 - **Dedusting Efficiency:** 3–6%
 - **Bulk Density:** 0.6–0.7 g/cm³
 - **Application:** Ideal for processing soybeans, rice, wheat, and other seeds immediately after ship unloading, before storage.
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- **Foreign Material Separation:** Removes unwanted elements such as branches, stone pieces, etc.
 - **Dedusting Efficiency:** Eliminates dust and smaller particles like broken kernels and sand, through a large screening bed, based on conventional sizer calculations.
 - **Enhanced Film Removal:** Utilizes inverse dedusting technology to maximize the removal of plastic films and other fine contaminants.



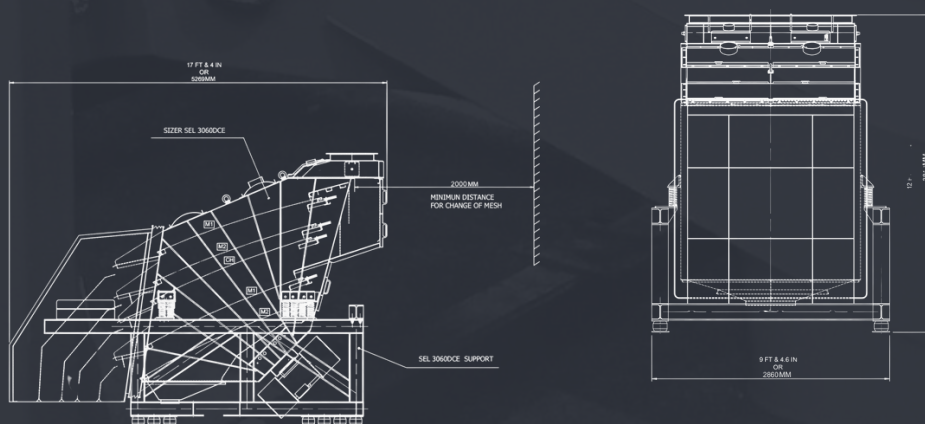
Double Capacity Sizer SEL 2066 DC-E

- Rectangular Meshes 15x100 and 5x50
- Distributor based on chute design and internal ME
- Motor 2 units x 10kW
- Electrical cabinet
- Machine Master

OUTPUT PRODUCTS:

- Cut at 15 mm for foreign particles
- Good product 15-5 mm
- Broken product + fines

Model	Length	Width	Height
SEL 2066 DC	2515 mm	2350 mm	2160 mm



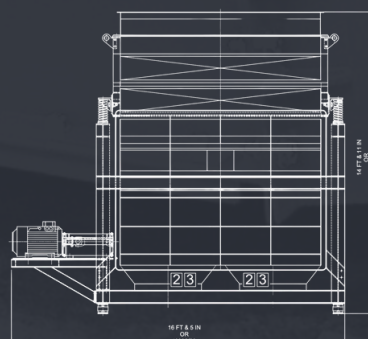
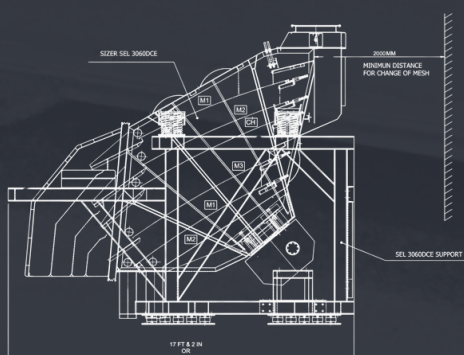
Double Capacity Sizer SEL 3060DC-E

- Rectangular mesh
- Motor 1 unit 22kW
- Electrical cabinet
- Master machine

OUTPUT PRODUCTS:

- CCut at 15 mm for foreign particles
- Good product 15-5 mm
- Semi-good product + fines

Model	Length	Width	Height
SEL 3066 DC	2990 mm	2350 mm	2781 mm

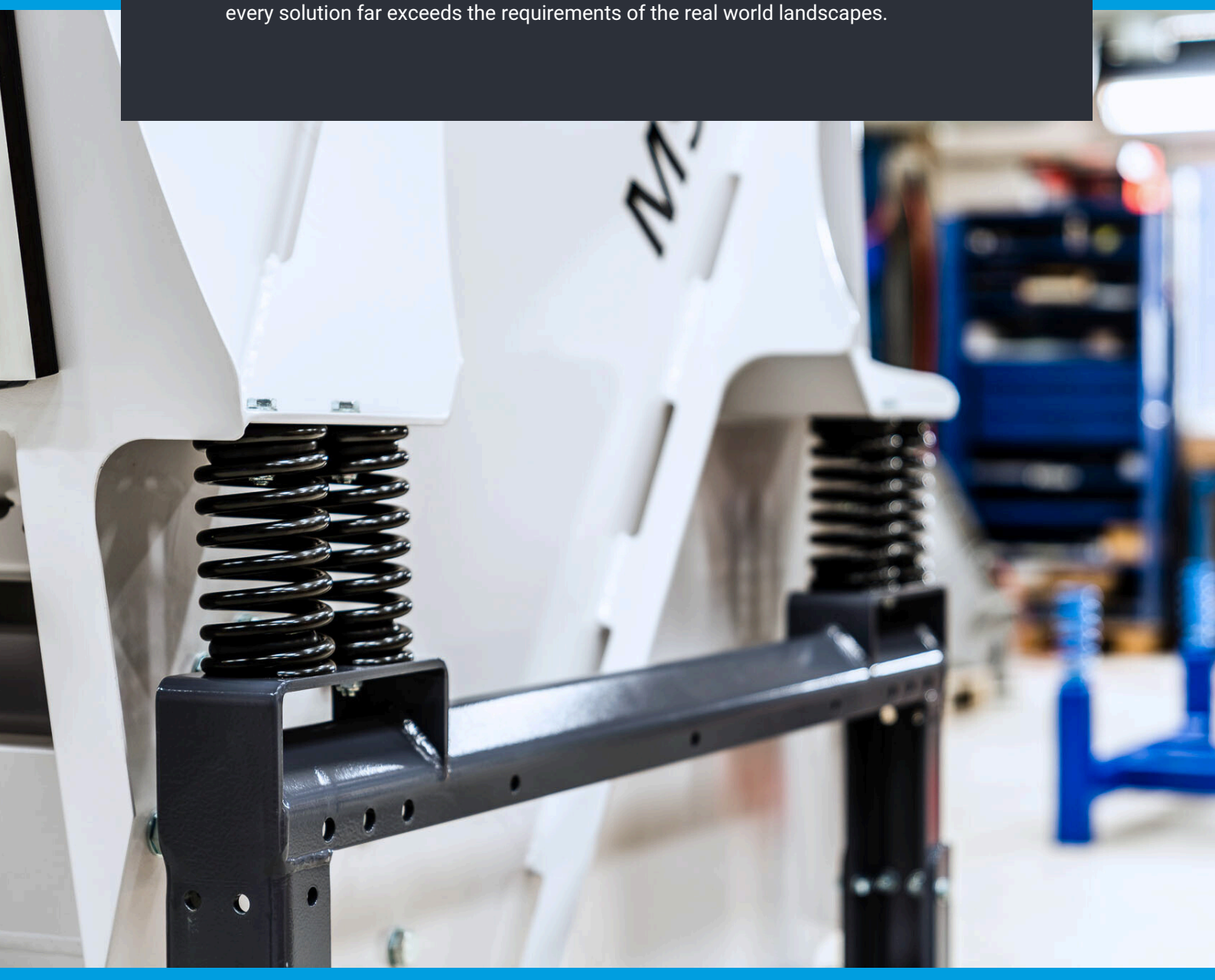


TESTING FACILITY

Where Innovation and Real Life Intersect

The MOGENSEN Test Facility is where advanced technology meets practical application. Here, our customers experience first-hand how our advanced equipment handles different materials and delivers consistent, streamlined results.

This space, equipped with the latest technology and operated by professional technicians, demonstrates the capabilities of our machines and reflects our commitment to quality and continuous technological advancement, ensuring that every solution far exceeds the requirements of the real world landscapes.



WHERE We Are



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