New Heights in Sanitation
Nuevas Alturas en Saneamiento
Great Western is the oldest, operating manufacturing firm in Kansas.

Founded in 1858, the company has been focused on sifters since the 1880s.

For over 160 years Great Western has strived to produce product protection and production sifters to give you the best quality and sanitation to enhance your process.
- Design eliminates the need for gaskets
- Aluminum trays interlock with sieve below and above to prevent outward bowing
- Columns create strength throughout stack and prevent downward deflections
- Larger net screen area than previous sieves
- Food grade plastic and stainless-steel pan
- Minimal fasteners strategically positioned away from the product zone
Great Western will continue to offer North American and European standard sizes, as well as custom sized sieves.
Standard Sieve Sizes:

**North American**
- 24-11/16” (627 mm)
- 28-3/4” (730 mm)
- 30-7/8” (784 mm)

**European**
- 627 mm
- 640 mm
- 660 mm
- 730 mm
- 740 mm
- 750 mm
Now offering metal free swinging sifters
Advanced manufacturing techniques form complimentary product lines.
The sifters consist of fully assembled sieve compartments, requiring no field assembly, and a central drive.

The drive allows for easy adjustment of the circle by adding or removing weights or changing the position of the weights.
GM & GMJ

- 2 to 10 sifter compartments
- 2 Standard sieve sizes
  - 640 mm
  - 740 mm
- Compartments fit 12 to 30 standard height sieves
GM & GMJ
GM+

- 8 to 12 sifter compartments
- Extra sieve compartments
- Sieve size
  - 640 mm
- Compartments fit 20 to 30 standard height sieves
GMS

- 2 sifter compartments
- Standard sieve size - 740 mm
- Compartments fit 12 to 24 standard height sieves
GMS
Metal Free Swinging Sifter Features:

• Inlet spout support
• Structural steel sieve compartments
• Fiberglass suspension rods
• Outlet spout plates
Gazel press tops include external mechanical press top operators which enhances sanitation.
Metal Free
Swinging Sifter
Features:

• Insulated panels

• Interiors with T430 mirror finish stainless steel
Metal Free Swinging Sifter

Features:

- Discharge floor inspection spouts and floor plates
- European or US standard bottom outlet arrangements
Custom sifter sizes...
How will you benefit from this alliance between Great Western and Gazel?

- You can choose from the broadest line of sifters
  - Free Swinging
  - Tru-Balance
- Traditional or metal construction
- Customized paint matching
- Customized sizes and designs
- Responsive service and support centrally located in North America
- Reliable record keeping allows us to find past orders easily
- More than 5,000 sifters in service worldwide
Sifters for North American sieve sizes under development

24-11/16” (627 mm)
28-3/4” (730 mm)
Original Agitator/Blender

- Rot resistant PVC
- Smooth interior without seams or crevices
- Dust tight tongue and groove joints
- Teflon packing seals
- Balanced and vibration free rotor
• Gas dispersion manifold, reducing concentration of gas at single points

• Dust-tight, gasketed, hinged side access panel

• Gas shocks to aid opening of side access panel

• Safety switches on side access panel
Removable supports to aid rotor assembly replacement

Rotational speed sensor

Capacitive probe at discharge for sensing a plugged condition

Improved shaft seal allows for housing and shaft misalignment
Chlorine systems

Now offering chlorine dosing systems to lower PH of your flour.
QA Gravity Flow Tru-Balance Sifters

- 2 sieve sizes
- 3 to 9 sieves per stack
- Molded snap on gaskets
- Up to 3 separations
  - Scalp, Grade or Remove fines

Gravity Flow and In-Line sifters help to monitor plant and process conditions, supplier sanitation, and ensure contaminate free ingredients.
QA In-Line Tru-Balance Sifters

- 4 sieve sizes
- 2 to 7 sieves per stack
- 2 separations – Scalp only
- 4 to 62 ft² (1.2 to 19 m²)

In-Line sifters eliminate the need for extra equipment and are made to fit directly into a vacuum or pressure pneumatic conveying line.
Thank you.

Visit Great Western at the annual IAOM conference!
Booth 306
Portland, OR  |  April 6-9, 2019

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