



SCAFCO GRAIN SYSTEMS TECH NOTE:

NEW WALL SHEET LINE

Summary: This Tech Note highlights the benefits of SCAFCO's new wall sheet line and how it affects our customers.

INTRODUCTION:

SCAFCO Grain Systems has purchased and installed a new wall sheet line that provides the latest in manufacturing technology. This equipment is responsible for punching and shearing corrugated steel into wall sheets for storage bins. The new wall sheet line has dramatically increased our flexibility in customizing wall sheets and storage solutions. Customers will begin receiving bins with the new wall sheets starting in January 2020.

JANUARY 6, 2019

BENEFITS

STRONGER BINS

The new equipment offers major benefits to SCAFCO's customers. For example, it features fewer holes near the margin of the sheet. This increases the net cross-sectional area, which increases the load-carrying capacity of the wall sheet. It also enables us to use lighter gauges and fewer laminations, which makes assembly easier.

UNLIMITED CUSTOMIZATION

Because the equipment allows for the programming of unlimited punch patterns, SCAFCO can customize wall sheets with greater flexibility for our customers.

We will also offer bins with three stiffeners per wall sheet.

INCREASED EFFICIENCY

Finally, the new flying punch and shear enable the wall sheet line to move continuously and much faster than our previous line. These improvements increase throughput, which in turn reduces lead times to our customers.

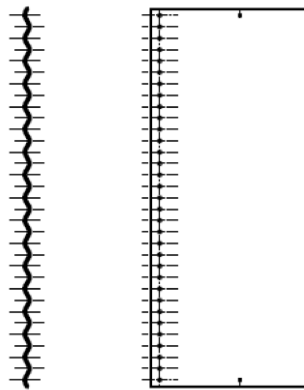
WHAT CHANGED?

With the introduction of this new equipment and its capabilities, SCAFCO Grain Systems will be making changes to the bolt hole patterns on the wall sheets. On our previous wall sheets, the holes on the ends of the sheet were on the peaks and valleys of the corrugation. On the new sheets, we have moved the holes to the peaks of the corrugation only and added vertical rows of holes. The net result is the same or fewer bolt holes per sheet and slightly longer wall sheets.

The primary change is the bolt hole punch pattern on both ends of the sheets, as shown in these diagrams.

Unstiffened and stiffened bins will have similar changes to the ends of the sheets.

Creating replacements for older bins is no problem with the new line! It will still produce all of the previous punch patterns without any trouble.



Typical wall sheet punch pattern with holes on corrugation peaks and valleys (2019 and previous)



NEW punch pattern with holes on peaks (2020 forward)

CLOSING REMARKS

SCAFCO Grain Systems' new wall sheet line offers customers a wide variety of new options in terms of customization and allows for lighter and stronger bins and silos. Changes made to our wall sheets will not materially change the way our bins are installed. If you have any questions regarding our new wall sheets or capabilities, please contact us at info@SCAFCOGrain.com.