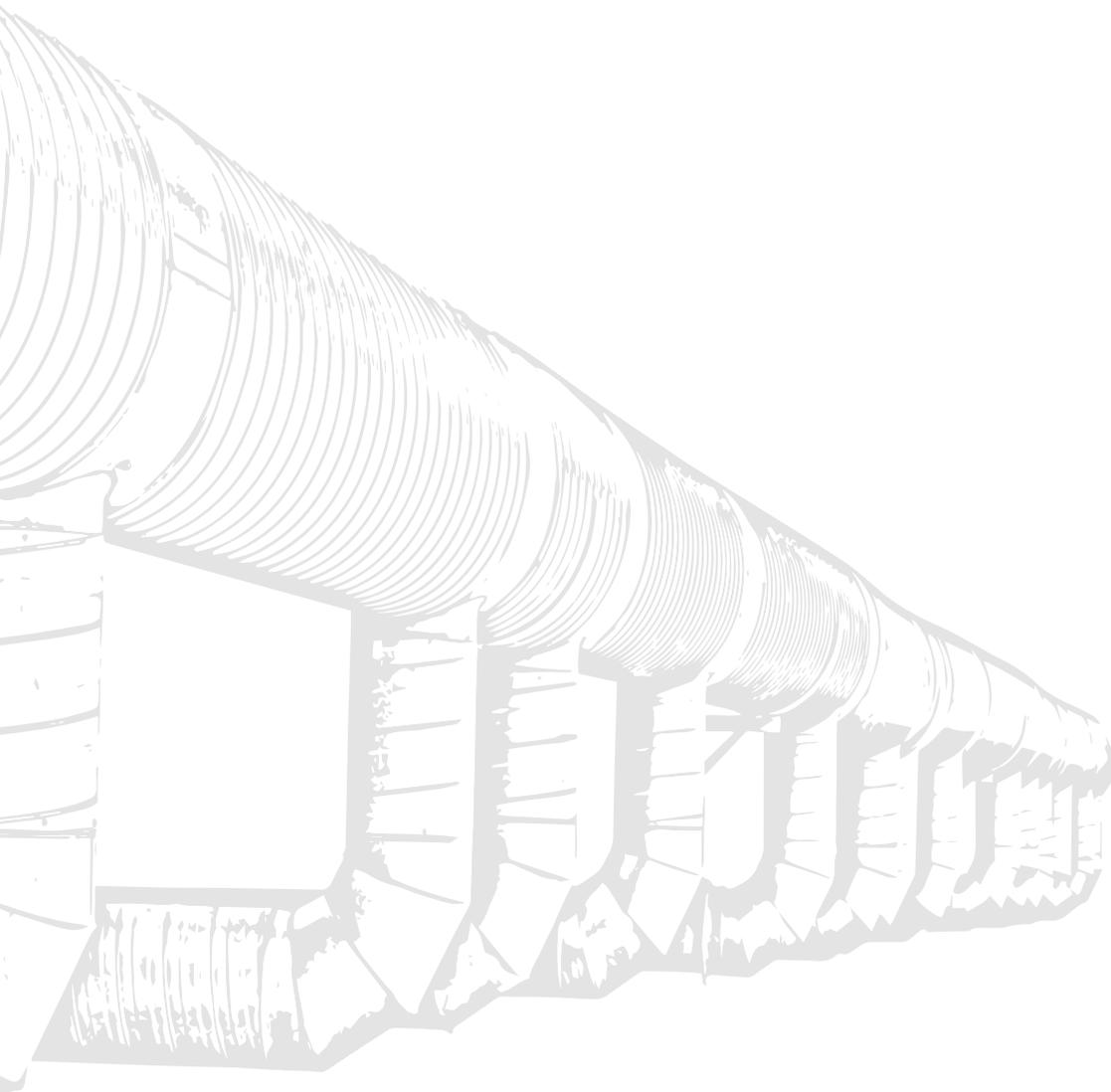


Kanalsystem™



**SOLUTIONS FOR
THE WORLD'S
MOST IMPORTANT
BUSINESS**



**Dual function – un-
loading and aeration**

**Eliminates the need
for insecticides**

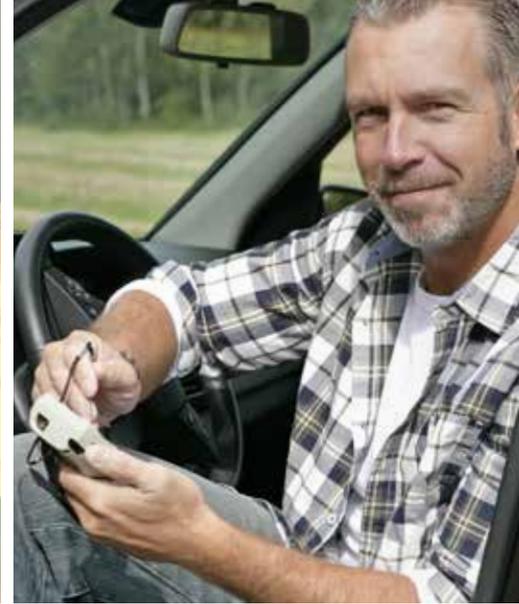
No moving parts



TORNUM®

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Kanalsystem™

– THE ORIGINAL DUAL FUNCTION AERATION AND UNLOADING SYSTEM

Controlling the temperature in stored grain is of utmost importance. To achieve this, you need a well-designed, high quality aeration system. Efficient high capacity unloading is yet another big issue when storing grain in any

type of grain storage. The patented Tornum Kanalsystem™ solution comes with a unique dual function – high quality aeration and high unloading capacity, using air only, with no moving parts!

- **INCREASED SAFETY**
- **REDUCED LABOR COST – NO PERSONNEL ENTERING UNFAVORABLE ENVIRONMENT DURING UNLOADING**
- **NO SWEEP AUGERS OR OTHER MOVING PARTS INSIDE THE GRAIN STRUCTURE**
- **SELF-CLEANING**
- **HIGH QUALITY AERATION – ALL GRAIN KERNELS EXPOSED TO THE AIR FLOW**
- **HIGH UNLOADING CAPACITY – UP TO 1,000 TONS/H (40,000 BU/H)**
- **SPACE CONSERVATIVE**
- **TOTAL CLEAN OUT – NO SPACE FOR INSECTS TO HIDE**



AERATION

The Tornum Kanalsystem™ provides excellent aeration opportunities by introducing the airflow uniformly throughout the grain storage bin or flat storage. Air that is blown into the system will follow the built-in concrete ridges, leaving 100 percent of the grain kernels exposed to the airflow.

UNLOADING

Safety is one of the biggest assets of Tornum's Kanalsystem™. The system is self-cleaning and has no moving parts inside the grain structure. No sweep augers are required, and there is no need for any personnel entering the unfavorable environment during unloading.

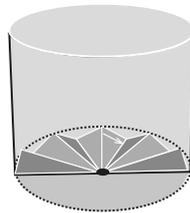
SELF-CLEANING DESIGN

Tornum's Kanalsystem™ consists of specially designed ducts with perforated decking, to be

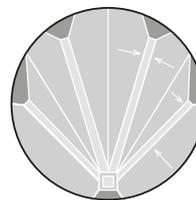
placed on a flat concrete base. Concrete ridges are formed between the ducts at the precise angle required for the grain to flow onto the decking. The system is self-cleaning.

UNLOADING CAPACITY

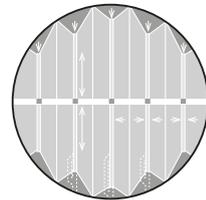
The unloading capacity in tons or bushels per hour varies with the size of the bin and the selected fan size. The Kanalsystem™ can be designed to be emptied after gravity flow ceases at a rate of up to 1,000 tons/hour (40,000 bu/hour).



Centre draw-off



Side draw-off



Multiple gates

Tornum Grain Cooler

– THE PERFECT COMPANION TO OPTIMIZE QUALITY CONTROL

Tornum's Kanalsystem™ was originally designed to provide a high quality airflow to properly condition grain using the total climate control provided by the Tornum Grain Cooler.

This objective has been achieved for all types of silos up to 52 metres (170 ft) in height and is equally at home in flat storage buildings.

A Tornum Grain Cooler accomplishes what nature cannot always provide – safe storage temperature resulting in proper moisture retention and an insect-free environment without using pesticides.



Your Global Partner



YOUR TORNUM REPRESENTATIVE:

TORNUM[®]

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