



AGI CUSTOMER SPOTLIGHT PROJECT

G3 HAMILTON

ONTARIO, CANADA

INTRODUCTION AND BACKGROUND

G3 Hamilton is a state-of-the-art grain handling terminal designed for speed, reliability, and optimal performance. Serving growers across Ontario and Quebec, this 50,000-metric-tonne facility automates the loading and unloading of grain, ensuring rapid and seamless transportation to global markets.

Facility overview

G3 Hamilton is one of the most advanced grain terminals in Canada, equipped with a high-capacity system designed to handle large volumes of grain each year. This state-of-the-art facility maximizes throughput to better serve its customers. Grain shipped from G3 Hamilton travels down the Great Lakes – St. Lawrence Seaway System, often stopping at G3 terminals in Trois-Rivières or Quebec City.

Partnership with AGI

Partnering with AGI, G3 Hamilton implemented a high-performance grain storage and handling system to maintain grain quality and operational excellence. The collaboration began in 2015, with AGI equipment playing a crucial role in ensuring efficiency.



KEY FEATURES

Commercial Flat Bottom Bins

Four 90-foot-diameter bins provide a total storage capacity of 1.8 million bushels. These bins are engineered to withstand maximum weight and stress while maintaining structural integrity. Overhead conveyors streamline the movement of grain between bins.

Aeration Systems

AGI Airlanco's custom built aeration systems, with centrifugal fans and roof exhausters, maintain grain quality by managing temperature and reducing energy consumption and operational costs.

Hopper Tank

A 36-foot-diameter hopper tank adds 47,000 bushels of storage capacity, serving as a wet bin for drying and transferring grain.

Hi Roller Conveyors

AGI's Hi Roller Conveyors ensure smooth and reliable grain movement for fill, transfer, and reclaim operations, optimizing throughput.



OPERATIONAL EFFICIENCY

G3 Hamilton processes approximately 800,000 metric tonnes of grain per year, servicing anywhere from 150 to 200 customers. The facility has the capacity to offload within a 6-to-7-minute period, ensuring rapid and efficient handling of grain volumes, especially during peak harvest seasons.

GLOBAL IMPACT

G3 Hamilton plays a crucial role in moving grain across Canada and the world. By leveraging AGI's advanced technology and systems, G3 Hamilton ensures that grain is transported efficiently and reliably to global markets. This partnership helps fulfill G3's mission of providing top-tier service to growers and maintaining the highest standards in grain handling.

RESULTS

With a robust storage and handling system, and the integration of AGI Hi Roller Conveyors for improved loading and unloading speed, G3 Hamilton is well equipped to manage grain volumes effectively. This collaboration not only enhances operational efficiency but also supports G3's mission to serve growers and facilitate global grain transportation, maintaining its position as a leading grain terminal in Canada.



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