

ASSOCIATE MEMBER WEBINAR SERIES – PROALL INTERNATIONAL MANUFACTURING



Facilitator



Tracey DaSilva



Office Manager



Concrete Ontario



tdasilva@concreteontario.org



Facilitator



Oliver Xiao



Technical Services Engineer



Concrete Ontario



oxiao@concreteontario.org



Housekeeping



- Approximately 40 minute webinar with Q & A at the end, followed by a Kahoot! Pop Quiz
- All participants are muted
- Questions? Use the GoToWebinar 'Questions' Pane
- Webinar will be recorded and posted on the Concrete Ontario website along with a PDF copy of the presentation.
- <https://www.rmcao.org/publications/webinar-presentations/>

Presenter



Andrew Coates



Vice President - Sales & Marketing



ProAll International Manufacturing



acoates@proallinc.com



Presenter



Steve Fillmore



Sales Manager



ProAll International Manufacturing



sfillmore@proallinc.com



An Introduction to Volumetric Concrete Mixers

Presented by

Steve Fillmore & Andrew Coates
ProAll Reimer Mixers



Reimer's Mobile Concrete - Circa 1962



2020 ProAll Commander P95

CEMENT BIN

Enclosed bin carries ample supply of cement. Large, easy-open lid allows for loading of individual bags or from overhead silos.

CEMENT METERING

Cement is accurately dispensed through the metering auger. Cement agitators work with the bin design to ensure a consistent feed.

MIX BOWL

Water is introduced as cement and aggregates enter the mixing auger. Easy to use controls allow for adjustment of slump.

AGGREGATE BINS

Sand and stone are carried side by side in open-topped bins. Internal bracing provides structural integrity.

WATER SUPPLY

Non-corroding tank with on-board water pump carries ample water for mixing and clean-up.

ADMIXTURE SYSTEM

Dual-product, dual-flow injection system.

CONVEYOR BELT

Delivers metered flows of aggregate and cement to the mixing auger. The roller chain provides a rigid, yet smooth, operating base for the belt.

FLOW CONTROL GATES

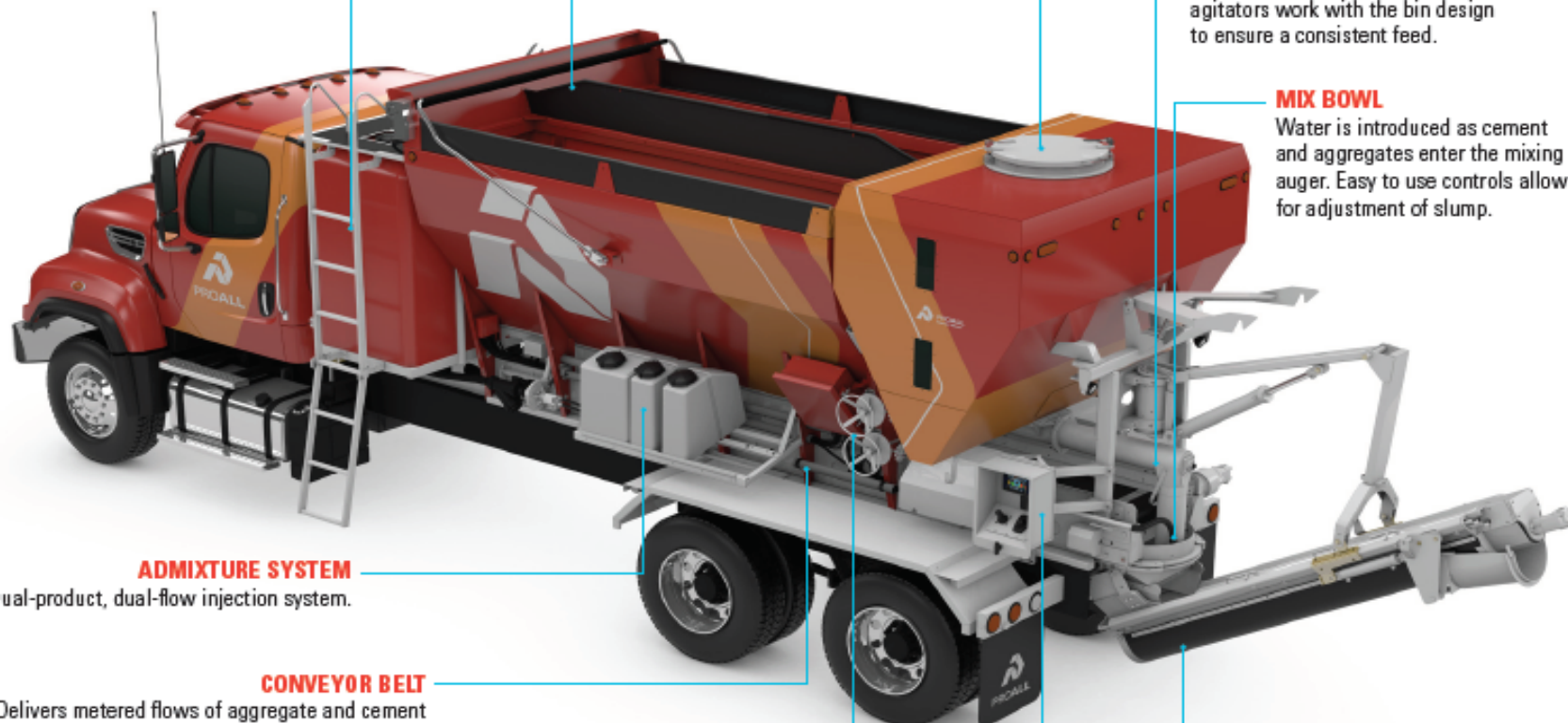
Individually-adjustable control gates at the rear of each bin deliver the correct amount of sand and stone to the mixing auger, meeting the requirements of any mix design.

COMMANDER CONTROL SYSTEM

Automated functions and digital controls give unprecedented control, accuracy, and consistency.

MIXING AUGER

The high-speed auger has replaceable ni-hard wear plates with flight cut-outs and added mixing paddles to ensure complete mixing action.







Why Choose a Volumetric Concrete Mixer?

1. They can be a more cost-effective solution for:

- slow or intermittent pours
- jobs requiring less-than-full loads
- during balance or cleanup loads
- travelling longer distances or in traffic
- remote sites
- Multiple deliveries for a single load
- After-hour work





9/20/2021

Why Choose a Volumetric Concrete Mixer?

2. Volumetric concrete mixers offer better outcomes when your projects require:

- critical water-cement ratio mixes
- gunite/shotcrete mixes
- low slump – RCC, pervious concrete
- high slump – floor toppings
- shotcrete mixes
- specialty mixes/latex modified
- Fast-setting concrete mixes



Why Choose a Volumetric Concrete Mixer?

3. Volumetric mixers offer greater customization, particularly using:

- flowable fills
- backfill
- soil stabilization
- recycled materials





9/20/2021

Why Choose A Volumetric Concrete Mixer?

4. The technology is continuously advancing. Premium manufacturers offer several cost-effective features:

- datalogging
- diagnostics
- automated production
- fleet management software
- electronic controls
- advanced Hydraulics
- skilled technical support





Advantages of Volumetric Concrete Mixers

- A) Less Than Full Load
- B) Clean-up Loads
- C) Use in low-volume locations
- D) Additional Capacity
- E) Redundancy for batch plants
- F) Large on-site remote projects



Customer Success Story – CeMix Concrete Ltd.



CeMix Concrete Ltd. is based in Brampton, ON and is owned and operated by Jason Toffoli.







9/20/2021

23

Customer Success Story – CeMix Concrete

Since 2014, Cemix has been growing their ProAll concrete mixer fleet at a rate of 2 mixers per year.





9/20/2021

Customer Success Story – CeMix Concrete

As a versatile player in the market, Cemix serves diverse projects including:

- communications
- Pools
- Utilities
- Landscape
- Infrastructure
- private sector
- Restoration
- Shoring



Customer Success Story – Thousand Islands Concrete



Thousand Islands Concrete is a family-owned business serving all market segments in Brockville and 1000 Islands area for over 40 years.

They are a certified member of Concrete Ontario.





Customer Success Story – Thousand Islands Concrete

Supply Concrete to various remote solar projects

- 1 hour travel time from plant
- Winter and summer months
- Unload time varies from 30 minutes to 3 hours
- 1500m³ delivered for each farm





5 Key Drivers for Growth in the Industry

- 1) Main stream concrete producers continue to look for ways to create greater market share and efficiencies while increasing profit
- 2) Underserved markets in both rural and urban areas
- 3) Aging Infrastructure throughout North America – Repair-Remodel-Retrofit



5 Key Drivers for Growth in the Industry

4) Self-performing contractors/applications/specialty work are becoming more and more interested in managing their own concrete needs

5) Advancements in Volumetric mixing technology is fostering wide industry acceptance and interest



Questions?

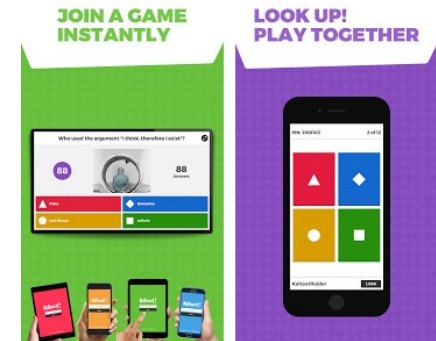


Concrete Ontario Pop Quiz

Please use your smart phone to access the following website:

www.kahoot.it

- Please enter the Game “**Pin**” that will be shown on the screen shortly
- Enter both your email address (so we can send you a prize if you finish in the top three) and your “**Nick Name**” (please think of your **HR** department and don’t use something you will regret!)
- The faster you answer each question the more points you can earn for correct answers



Concrete Ontario Pop Quiz

Amazon Gift Cards for Today's Competition

- First Place = \$150
- Second Place = \$100
- Third Place = \$50



Next Webinar

- Join us on **October 21st, 2021**
at 10:00 am – 11:00 am
- **Mack** - Associate Member
Webinar Presentation



Thank you!

