

# Value-added concrete

**DATE:**

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**WEBSITE:**

vmmb.org



Value-added concrete allows you to differentiate yourself from your competitors and make more money. You can increase the price of your concrete based on superior concrete mix performance and decrease the use/cost of cement. Specialty concrete mixes, including the use of colour, admixtures and Supplementary Cementing Materials (SCMs) can reduce your costs and heighten your revenues. Among other things, you can enhance durability, workability and set times while delivering a higher performance mix. ProAll can provide specialized dispenser/metering systems so that you can deliver a premium concrete product.

**Features**

- 30cm x 30cm x 45cm stainless steel box (4 bolts) METRIC
- 10mm airline (10 to 80 psi)
- Purpose-built chopper with plastic tube guide
- Variable power switch

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**VM FIBER DISPENSING SYSTEM**

The VM Fiber Dispenser is an embedded chopper for glass fiber which provides on-demand chopped fiber. It's a simple and easy to install 4-bolt box that houses the purpose-built chopper and Alkali-Resistant (AR) glass roving (bobbin). The AR glass has excellent mechanical properties. Plastic shrinkage cracking of reinforced concrete is reduced by up to 80%. Compressive strength is improved by 15%. The system is calibrated to run at speeds in order to chop the fiber from 12 to 25mm lengths. The fiber dispenser will automatically discharge fiber into the concrete mix and can be adjusted to allow for calibrated dosing rates. Gain the flexibility to change the concrete grade and reinforcement levels on-site, according to job specification.

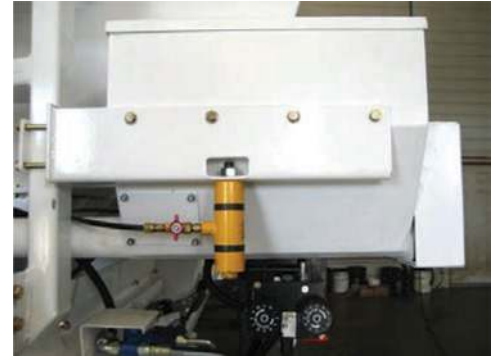


## COLOUR METERING SYSTEM

Demands for coloured concrete have increased in many markets: from residential to precast, from ornamental to tilt-up; that means more customers and profits for concrete producers. Offer your customers the option of coloured concrete. Add value and variety to your retail concrete business. The ProAll Colour Metering System is designed to accurately meter and dispense dry colour pigments for volumetric mixing. The system is convenient and reliable and makes colour production easy and clean.

### Features

- Precise metering auger with agitator
- Indexing flow control for colour consistency
- Auger clean out
- 3 capacity options: 45, 100, 140 liters
- Easy retrofit to any volumetric mixer



## DUAL PRODUCT ADMIXTURE INJECTION SYSTEM

The three-tank admix system is equipped with HI flow and LOW flow dispensing pumps. It accurately delivers the exact required ratio of chemical to the concrete mix. The Admixture System easily dispenses retarders, accelerators, plasticizers/water reducers, foaming agents and releasing agents. Economically speaking, the use of admixtures will allow you to reduce the amount of cement content and thereby save you money. Air entrainment, water reducers and super plasticizers are the most common admixtures used, all of which provide a premium concrete mix.

### Features

- Three-tank system
- High/low flow control
- 2 pumps
- Flow-rate meters



## SCM DISPENSING SYSTEM

For use in dispensing silica fume, fly ash, slag and other Supplementary Cementing Materials. SCMs are integral to high performance durability mixes (bridgedecks, roadwork) and environmental mixes (high-ratio fly ash or slag that reduces cement content). SCMs can increase durability, improve workability and slow set times all of which can be paramount in your ability to deliver on a specialty project.

### Features

- Precise metering auger with agitator
- Indexing flow control for consistency
- Auger clean out
- 2 capacity options: 450 and 670 liters
- Easy retrofit to any volumetric mixer



## VM MB MEMBERS



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