

Product Specifications

Mixcell HD System

The Mixcell HD is purpose-built for housing construction. It can run up to 300 mm/sec. This machine is perfect for use with Sika 2K materials, such as Sikacrete-752 F 3D for both accelerant and color injection (depending on configuration). It can also be used with 1K materials like Sikacrete-733 W 3D for injecting color only.



The Mixcell HD is very similar to the Mixcell System, but with enhanced nozzle size and print speed. This makes it the perfect machine for large-scale construction projects. In-house testing shows instant material transition after leaving the nozzle, enabling printing of large objects (8-10 ft) and overhangs without delays for material hardening. With color injection, concrete can be uniformly colored, eliminating the need for painting and reducing project time. The Mixcell allows continuous printing of large structures, including unsupported overhangs, making it a game-changer for cement 3D printing.

Operation

- Comes with an accelerant and color pumps (depending on configuration)
- Flow rate of accelerant and color is up to 450ml/minute
- Ability to use accelerant and color at the same time
- Integrated high-flow water injection system allows for immediate clean-up and purging of the mixing chamber after printing operation or during setup

Includes

- Mixcell
 - Mixcell Station
 - 2 nozzles, 1/2 in and 3/4 in. 1 in opening with no nozzle
 - Accelerant pump
 - 4 Coloring Pumps (if purchased)
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