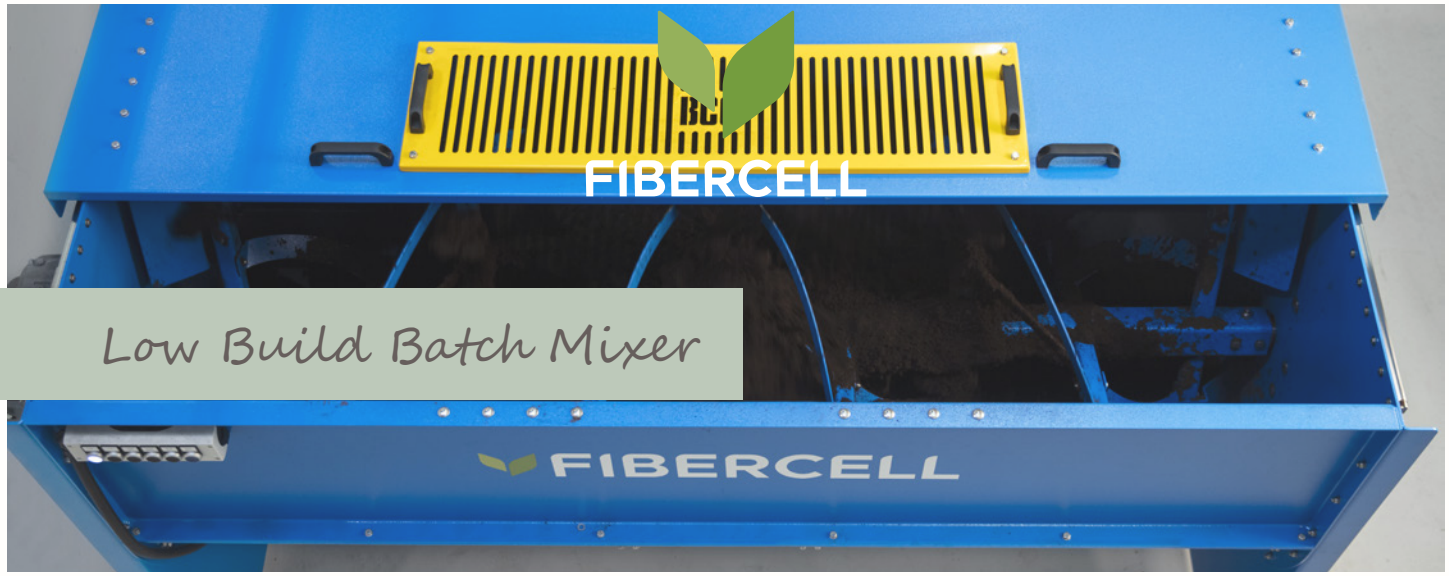


Low Build Batch Mixer

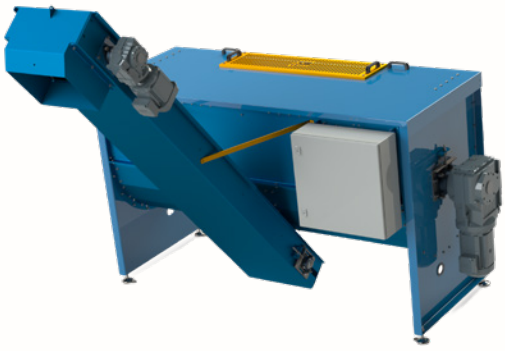
LOW BUILD BATCH MIXER

The new Low Build Batch Mixer is multifunctional with an integrated feeding belt. This batch mixer comes in two different variants, as "Stand alone unit" and as an "Integrated unit". The integrated batch mixer communicates with the FiberCell filler which tells the batch mixer when it requires more substrate to the filler. The integrated batch mixer is controlled from the FiberCell filler's control system. The integrated batch mixer requires a compatible filling machine. The stand alone unit includes its own PLC and HMI for stand alone operation. It does not communicate with the rest of the production line.

The Low Build Batch Mixer has exchangeable wear plates which are easy to replace and easy to handle. The machine is automized with a digital control system and remote access system. The watering unit has a built-in timer where it is easy to set the desired time for watering of the substrate. For the Low Build Batch Mixer no compressed air is needed which makes the machine more silent.

Growing substrate in containerized nurseries supplies water, oxygen, mineral nutrients, and physical support to the plants. To achieve the characteristics of an ideal substrate for containerized plant production, organic and inorganic components are generally mixed together. Organic components include peat moss and composted organic materials e.g. bark, saw dust, rice husk, coconut husk and sugar cane bagasse. Inorganic components include Perlite, vermiculite, and other inorganic materials e.g. sand, pumice, rock wool and polystyrene flakes. Additives such as slow-release fertilizers or dolomitic lime (for pH correction) can also be added to the mix. Even and homogeneous mixing of these components ensures an increase in seed germination rate, rooting success with cuttings and even development of plants in the nursery, minimizing losses.

TECHNICAL DATA	
Specifications	FiberCell Batch Mixer
Dimensions (LxWxH) mm	2680 x 2720 x 2500
Hopper capacity (liters)	Max 1,5 m3 depending on substate
Weight	1250 kg
Standard power supply, V/Hz/ Amps	3x400v+Neutral+GND 50/60hz
Power requirement, kW	5kW
Compressed air cons., lit/min	20 liters/minute
Air pressure, Bar	2



BCC AB, Profilgatan 15, 261 35, Landskrona, Sweden, www. bccfibercell.com, www.bccab.com
E-mail: bcc@bccab.com, Tel: +46 418 449920