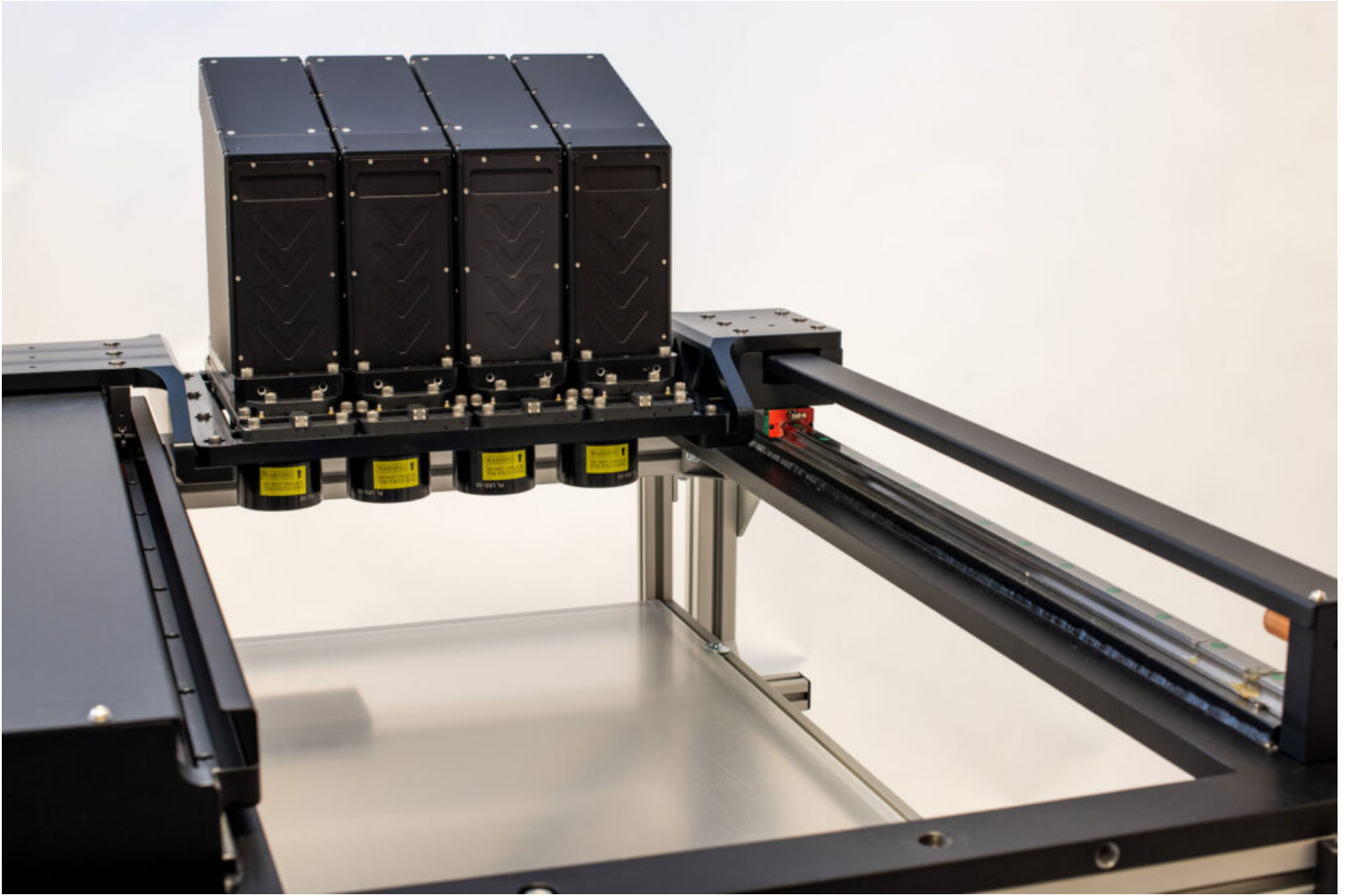


THE NEW LUXBEAM® RAPID SYSTEM – LRS-MCX MOTION STAGE

Posted on November 5, 2020

One path to scalable and true large volume additive manufacturing is to combine multiple photoheads on a scrolling motion system. VISITECH supports and facilitates this configuration option with the versatile LRS-MCx Reference motion stage. It allows installation of up to 4 LRS-MCx photoheads in a linear motion system and control and synchronization of them with VISITECH's dedicated LUXBEAM® Additive Manufacturing Application software (LAMA PRO). The configuration can be installed both bottom-up and top-down and takes in photoheads for UV-stereolithography or NIR powder bed fusion.

Depending on the selected projection, a pixel pitch of 50 micron up to 187 micron can be realized, generating impressive build sizes of up to 400x800 millimeters with up to 100 million pixels that can be configured. The LAMA PRO software controls the synchronization of motion with image content and data input.



LRS-MCx Motion Stage