

SCU – Snow Compaction Unit

Reliable and repeatable snow track builder for HSLFT and others

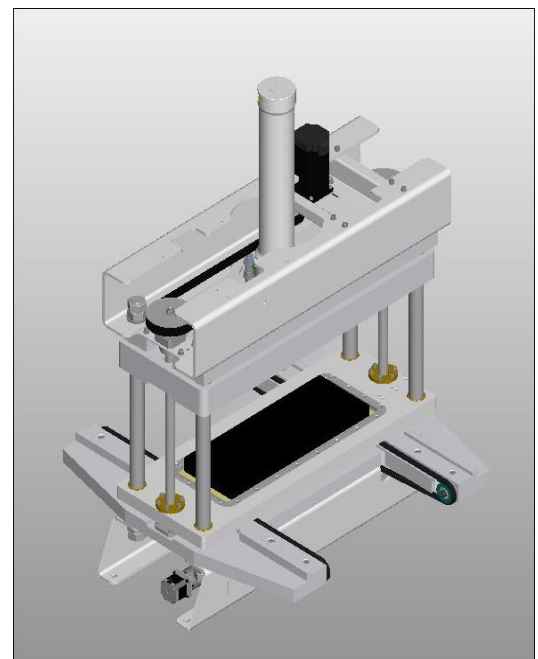


The Altracon Snow Compaction Unit is the unique machine to produce snow tracks with defined compression and repeatable conditions. Artificial or natural snow is compressed in the Snow Compaction Unit to produce a snow panel cartridge filled with snow or ice according to the parameters previously entered in the PC program. These cartridges fit for insertion into the HSLFT as snow track but may also be used in other testing devices.

The integrated hydraulic cylinder compresses the filled snow from above with the punch. The desired strength and height of the panel are defined as parameters in the control PC. A frame surrounding the snow panel cartridge is heated, this aims at removing any freezing between the snow panel cartridge and the frame to allow easy removal. It is possible to install a chain drive to transport the snow panel cartridge from the press to the support.

Key facts:

- Snow track preparation in the lab
- Takes in HSLFT track cassettes
- PC controlled operation
- Selectable compression pressure
- Repeatable density and quality of the snow track
- Part of HSLFT Snow and Ice Package



Contact us to learn more about **Altracon** ● *the solution provider*