



BROETJE
AUTOMATION



STAXX ONE
portable single tow AFP cell

PORTABLE SINGLE TOW AFP CELL – **STAXX ONE**

The portable **STAXX ONE** Cell features a fully 3D capable robotic AFP system in a portable and self-sustaining and self-contained environment.

The configuration with either a rotary table or a tailstock, both fully integrated into the controls, gives it a wide variety of applications for manufacturing complex parts, test panels, tanks, etc. Equipped with infrared heating, it can layup prepreg, dry fiber and thermoplastic materials up to 400°F/200°C.



Footprint of 79ft x 13.1ft/240cm x 400cm,
weight of cell approx. 9000lb/4080kg

Rotable table with 4.2ft diameter or tailstock
with 1100lb/500kg max. weight

Offline programming and simulation system

Kits to switch material widths
between ¼", ½", 1" and 2"

Compaction roller with
anti-sticking polymer coating

Controlled pneumatic compaction
up to 0.67lb/30dN

Internal water cooling for AFP head
down to 45°F/8°C

AC for temperature controlled environment
between 60°F/16°C and 75°F/24°C

SIEMENS controlled system

