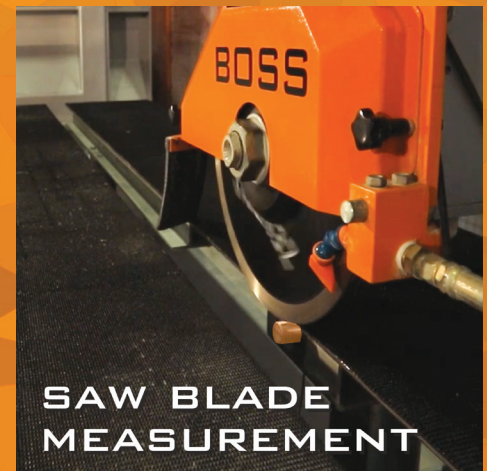
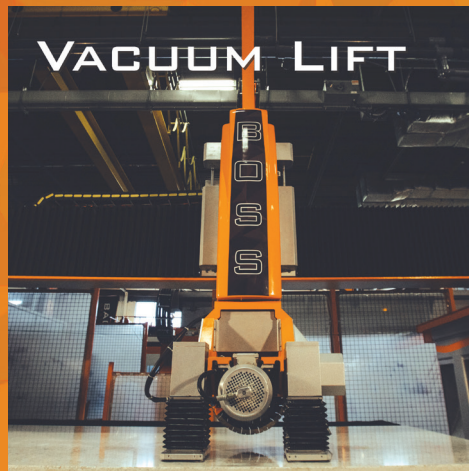
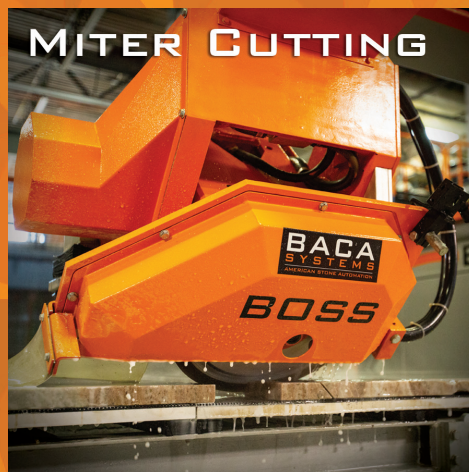


BACA BOSS

5 AXIS CNC SAW



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A SOLUTION FOR EVERY FABRICATOR

✔ Robust Construction

BOSS Saw is constructed of a heavy welded steel mono-block frame, weighing 13,000 lbs. The rigid frame construction is designed to provide a large working area while utilizing floorspace efficiently. All structural members are stress relieved for maximum stability, and all mounting surfaces are precision ground and/or machined.

✔ Precision Motion

The major axes of the BOSS are driven by rotating nut ball screws. This design provides a fast and reliable drive system that has a stiff, zero backlash construction. The bridge and carriage traverse on precision ground, profiled linear rails supported by sealed ball bearing blocks to provide high accuracy motion and rigidity cutting the hardest materials.

✔ Large Work Area

The BOSS features a large work area measuring 138" x 78" to allow cutting of large granite and quartz slabs. The cutting table is capable of tilting upward to angle of 85 degrees, making it easy for an operator to load slabs onto the saw.

✔ Flexible Cutting

The BOSS Saw was designed for maximum flexibility, with the capability to perform conventional saw cuts as well as miter cuts. The system can also utilize core bits and finger bits, allowing the systems to cut sinks, faucets, and radius in one process.

✔ Easy to Use

The BOSS Saw system can utilize CAD drawings to perform automated cutting and can also be moved manually. This allows the operator to perform free form cuts as needed, by utilizing the laser to line up the cut on the stone, or to starts the machine and make all of its cuts automatically.

✔ Vacuum Lifter

BOSS can be supplied with a vacuum lift unit capable of moving pieces up to 440 lbs. This allows slab yield to be optimized by moving a piece in areas where a cut would damage an adjacent piece. A vacuum pump provides the lifting power to hold the cut pieces during movement.

UTILITY REQUIREMENTS

System Power
220V, 100A, 3 phase, 60Hz

Saw Water
One (1) ¾" barb fitting
Minimum 10 GPM @ 35 PSI

Air Requirements
10 CFM at 110 PSI
All air supplied must be dry

STANDARD LAYOUT

