

**BACA SYSTEMS "ROBO SAWJET" SAW (JET)****Item # SN-231137 - Lot # 001**

Current Bid: **\$0** **No Reserve**  
End Time: **222 Days, 19 Hours, 31 Minutes**  
(12/31/2025 2:00PM EST)  
Brand/Model: **BACA SYSTEMS "ROBO SAWJET"**  
Year MFG: **2022**  
Machine Type: **SAW (JET)**  
Serial #:  
Elect./Voltage: **480 V, 60 Cy, 3 Ph.**  
Location: **Lower Peninsula, MI**  
Dimensions: **410" L x 216" W x 149" H**  
Weight: **8800 Lbs.**  
Comment: A low-maintenance, small footprint saw jet!

**Description:**

Double-Table 6-Axis CNC Robotic SawJet Machine,

- Installed in November 2022 with only 125 Hrs of Robot Run Time (since installation) as of 4/14/23
- Machine is a demo model purchased from BACA SYSTEMS and installed in November 2022. It is still under power and Buyer may opt to receive free training prior to picking up machine.
- (2) 90" x 144" x 27" H Tables
- Blade diameter 16"
- Fenced work area dimensions 338" x 202" x 84" H
- Overall system footprint 410" x 216" x 149" H
- Run time since installation: 125 Hrs. for Robot, 34 Hrs. for Waterjet nozzle, 41 Hrs. for Intensifier pump & 82 Hrs. for Saw motor (All hrs. as of 4/14/23).



## Detail Specification Sheet

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- 2014 KUKA "KR 210 3100 ULTRA F" 6-Axis CNC Robot, with Reach 3,096 mm (121.89"), 19.5 kW (26 HP) Blade motor with Variable frequency drive, Cast aluminum end of arm tooling bracket, Garnet flow sensor, Sealed-for-life ball bearings & 43" x 43" x 35" H Base
- KUKA "KR C4 NA EXTENDED" Robot controller, with KUKA "SMARTPAD" Remote teach pendant control with 8-1/2' Screen
- Auto blade compensation, Smart calibration, Mixing tube crash protection system, Slab thickness verification, Production reporting
- Portable workstation, with ONLOGICS "ML100G-31" Fanless Industrial INTEL 7th Generation Dawson Canyon NUC Computer, with Kaby Lake Processing, INTEL "CORE i3-7100U" 2133 MHz Processor, 32 GB RAM, Dual HDMI 2.0 Ports (1 supporting CEC), (4) USB 3.2 Gen 1 Ports, GB LAN Port, M.2 Expansion, INTEL "HD GRAPHICS 620", Native 4K Support, MICROSOFT "WINDOWS 10 PRO" Operating system, 28" LCD Flat screen monitor
- Dual visual verification camera system, with "VEINMATCH" software which matches veins from different parts of same slab without utilizing second slab
- 7' H Safety fence, with (4) Pairs of light curtains

Includes:

- Electrical Schematic
- 2016 H2O JET "921414-CD34BA1B" 50 HP 60,000 PSI Intensifier Pump, with Maximum hydraulic pressure 3,000 PSI & EATON "FUSION" LCD Touchpad controller
- 2019 H2O JET "700002-1" 6.5 cu. ft. Bulk Garnet Hopper, with Chamber size 23-1/2" Dia. x 32" H, Operating pressure 25 - 60 PSI, 9-bag Media capacity & Garnet level sensor

**Final Remove Date: 12/31/2025**

Contact: **Kevin Welker - (877) 580-5844 ext. 316 - [kevin.welker@exfactoryauctions.com](mailto:kevin.welker@exfactoryauctions.com)**