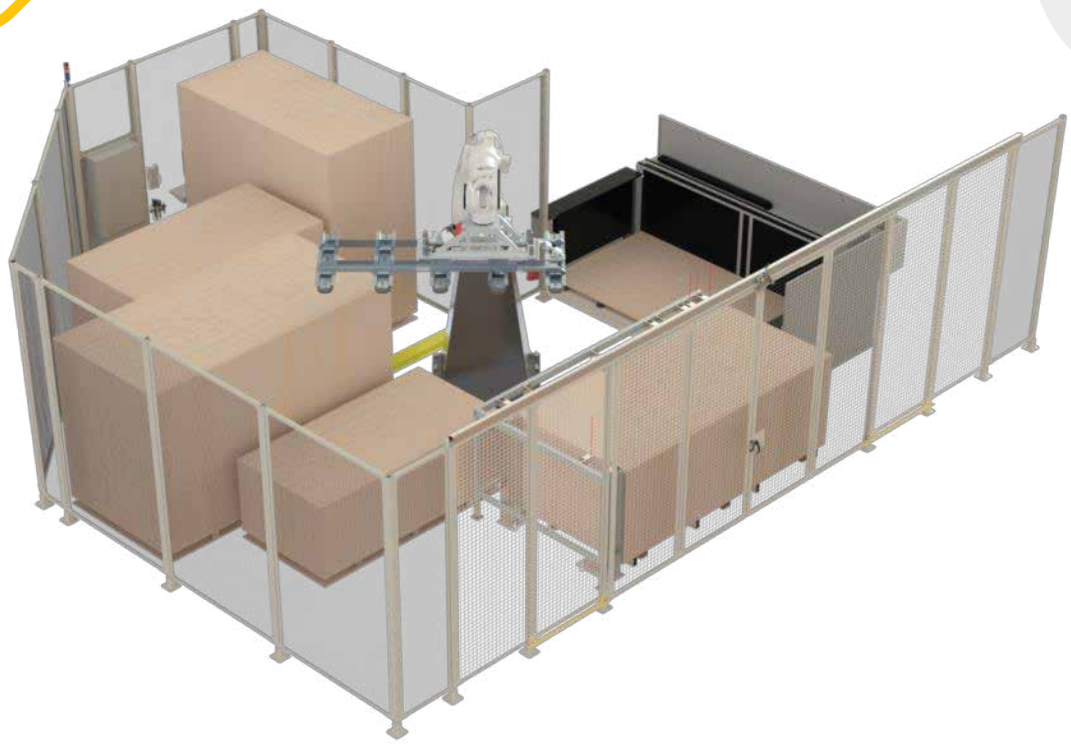
EDGE Automation

CabSort™ *store*

CNC Sheet Load System



A compact robotic sheet loading system that keeps your CNC running.

The **CabSort™ *store*** by Edge Automation is a robotic CNC sheet loading system designed for woodworking production environments. By automating the feeding of raw sheet material into the CNC, the system minimizes manual operator involvement at the machine, supports unattended operation, and **keeps production moving without interruption.**

What it Does

- Robotically loads raw sheet goods into the CNC from organized stack bays.
- Maintains consistent, uninterrupted CNC feeding with minimal operator involvement.

Best For

- Cabinet and millwork shop looking to reduce operator time stationed at the CNC.
- Operations running nesting programs that benefit from unattended or lightly attended load cycles.
- Shops managing multiple sheet types or species and needing organized, switchable load bays.
- Teams wanting to free up labour for value-added downstream tasks.

Key Capabilities

- 4 + 1 load bay configuration (four standard + one flexible bay)
- Up to 140 sheets per stack.
- **Mixed stack support** — one bay converts to a sort location automatically.
- **Compact footprint** designed to integrate with existing CNC cell layouts.

Powering Productivity Through Innovation

CabSort™ *store*

Specifications

Storage & load bay	4 standard + 1 flexible bay
Max sheets per stack	140 sheets
Mixed stack support	Yes — 1 bay converts to sort location
Sheet size length	8′, 9′, 10′
Sheet size width	4′ and 5′
Load bay stack height	Up to 40″
Style	Homogeneous/Rainbow/Chaotic
Max sheet thickness	1″
Max weight	200 lbs.
Cell footprint / floor space required	20′ x 30′

Loading

- Up to four (4) bays store pre-stacked sheets ready for CNC loading.
- The flexible fifth (1) bay operates as an additional load bay or converts to a sort location for mixed runs.
- When mixed stacks are active, one location is automatically designated as a sort zone.
- Robot pulls sheets from the designated active bay and feeds them to the CNC in sequence.

Key Benefits

- **Reduced Operator Dependency:** CNC runs with fewer interruptions and less manual loading time.
- **Flexible Bay Management:** Mixed stack support means the system adapts without reconfiguration downtime.
- **High Sheet Capacity:** Up to 140 sheets per stack minimizes how often bays need to be replenished.
- **Compact Integration:** Designed to fit within existing CNC cell layouts without major floor plan changes.
- **Smaller Footprint than Traditional**
- **More Flexible than Grantry System**

Want to automate your full CNC cell? Combine the CabSort™ *store* with a CabSort™ unload-and-sort system for hands-free operation from raw sheet to sorted panel.

Why Edge Automation?

vertical integration + controls/robotics + partnership + efficiency

Kitchen & Bath | Hospitality | Residential | Commercial | Industrial | Office Furniture

EDGE Automation

Since 2002, Edge Automation has partnered with manufacturers who demand reliability and precision. We deliver custom-designed automation solutions.

Talk to an automation engineer

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