

i-Bow

How It Works

On-Site Workflow



Cloud & AI Data Flow



Create CAD data
intuitively with
the “YUBI CAD”

OR

Hand Sketch
Measurements

Take a Photo of
Your Hand Sketch

AI Converts the Sketch
into an Editable CAD

Review the CAD data and export as SVG

Cloud Storage of
CAD / SVG Files

Send Cutting Command to i-Bow

Executes Precision Cutting

AI Continuous Learning & Optimization

What Changes On Site



Reduced Labor

Enables one operator to complete interior board installation with minimal effort.



Consistent, High-Quality Results

Every cut remains precise, repeatable, and clean—regardless of operator skill.



Faster Project Turnaround

Continuous cutting and automated workflow help shorten on-site schedules.



Safer Cutting Process

Eliminates handheld circular-saw risks and prevents dust exposure.



i-Bow

Developed and Manufactured by SOUBI Co., Ltd.



Email: info@so-ubi.co.jp
International release: To be announced



Leasing and Operation by i-Bee Inc.

Co-developed with TAKENAKA CORPORATION

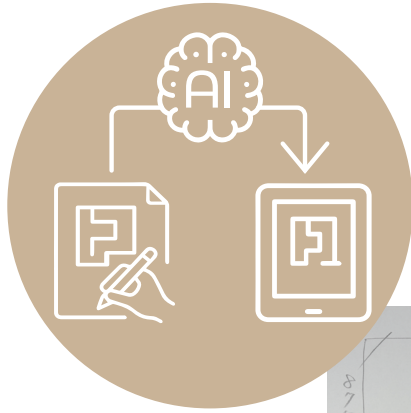
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On-Site Smart Board-Cutting System

Draw. Capture. Cut.

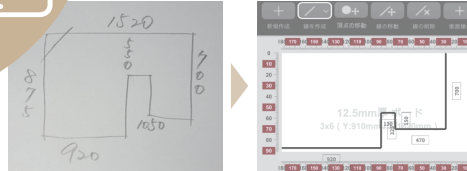


Intelligent Features



AI Auto-CAD from Hand Sketch

Simply photograph your hand-drawn measurement sketch—AI automatically transforms it into a CAD drawing, fully editable on your tablet.



Cloud Data Management

Your design data lives in a cloud ecosystem where AI keeps improving—delivering better precision, faster workflows, and continuous innovation.



Integrated Dust-Free Extraction

The synchronized dust-collection head captures particles at the source, maintaining a clean site and protecting worker safety.



Multi-Device Wireless Operation

Supports simultaneous Wi-Fi connections from multiple devices, enabling several operators to send cutting instructions at once.



“YUBI CAD” Intuitive Finger-Control App

A proprietary CAD app designed for natural, finger-based operation — “Yubi” meaning “finger” in Japanese.



Precision Top-Layer Cutting

Cuts only the top board in a stacked setup—protecting lower layers through deflection sensing and high-precision 3-axis control—while enabling continuous cutting for higher workflow efficiency.



Smooth Finishing & Built-In Beveling

Our custom designed end mill delivers smooth, sanding-free edges, while a dedicated beveling bit allows chamfering in the same pass when needed.



Highly Portable, Field-Ready Design

Compact and lightweight (120 kg). The worktable folds with a 90° rotation, reducing its transport width for easy mobility on site.

