宁波经纬数控设备有限公司
NINGBO JINGWEI SYSTEMTECHNIK LTD.

JWEI 经纬科技
JINGWEI CAD/CAM

About JWEI

JWEI is a leading manufacturer of digital flatbed cutters since 1993.

As pioneers in our field, our goal is to achieve a "technology revolution

with perseverance" through the development of a new engineering

database, as well as continuous development and improvements to

our existing products. This has made Jingwei's products popular in

many fields, including signage, packaging, graphic, textile, floor mat,

automotive interior, shoes, aerospace, road signs, furniture and many

other industries with high cutting requirements.

Ningbo, China

JWEI®

Ningbo headquarters

Shanghai Branch

Donguan Branch

15+ showrooms & service centers all over China.

Manufacturing Base (since 2006)

Manufacturing Base (2021)

Products Histroy
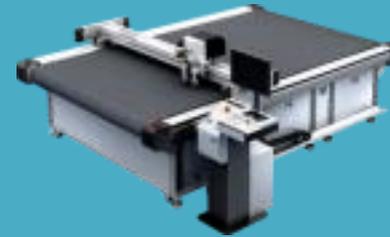

1993

1995

2005

2008

2011

2013

2014

2015

2016

2017

2018

2019

2020

JWEI Applied Industries

Signage	Aoustic materials	Shoes
Packaging	Floor mat	Automotive interior
Post-press finishing	Aerospace	Road sign
Textile	Home Decoration	Furniture

JWEI Applied Flexible Materials
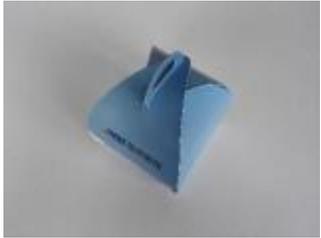
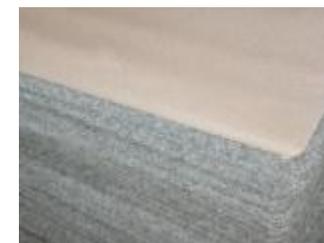|		
Cardboard	Corrugated paper	PP/PET/PVC adhesive
EVA foam	Offset blanket	Acoustic materials
PVC foam board	Polystyrene board	Honeycomb board
Grey board	Acrylic board	Aluminium composite panel
Soft PVC	Sponge	Leather
Carpet, floor mat	Carbon fiber	Mesh cloth

JWEI®

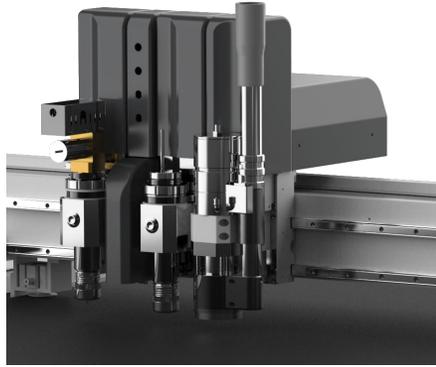**20,000+** happy end-users in **50+** countries and regions all over the world.

JWEI SERIES

* TB09
* Triple universal module

S-CUTTER Series
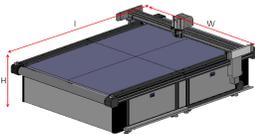
Available models:
- TB09-2516-RM

- Market positioning: Top level for precision production

- Max. Speed: 1800mm/s

- Repeat precison: ±0.05 mm

- Acceleration: 2G

- Physical frame: High carbon steel body welded (* Integrated)

- Motion controller: EtherCAT

- Transmission system: 0-gap precision gear & rack

- Servo system: 9 axis servo drive

- Individual vacuum zones: 6

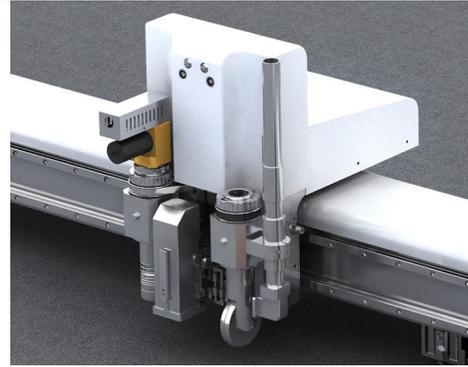- Tools Compatibility: All Jwei Cutting tools

JWEI®

* CB03II
* Double universal module

* BK03II
* Single universal module
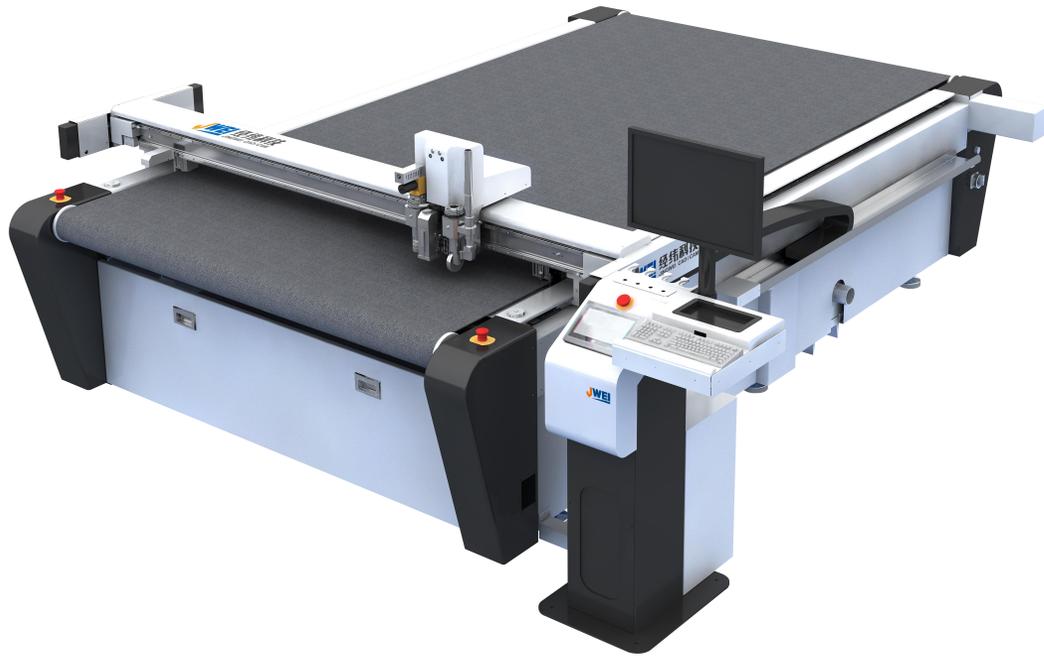
E-CUTTER Series

Available models:
- CB03II-1113
- CB03II-1816-RM
- CB03II-2513-RM
- CB03II-2516-RM
- BK03II-2516-RM

- Market positioning: Entry level for medium production intensity

- Max. Speed: 1200mm/s

- Repeat precison: $\pm$0.1 mm

- Acceleration: 1G

- Physical frame: Steel + aluminum alloy profiles(* Integrated)

- Motion controller: M5

- Transmission system: Synchronous belt

- Servo system: 6 axis servo drive

- Individual vacuum zones: 6

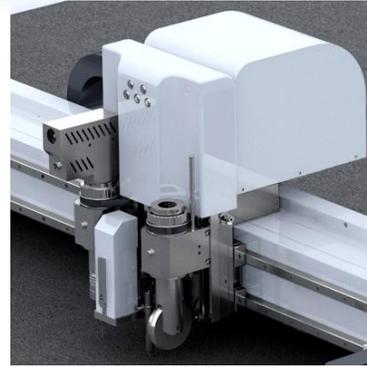- Tools Compatibility: All Jwei Cutting tools except 1800W Router

JWEI®

* CB08II
* Double universal module
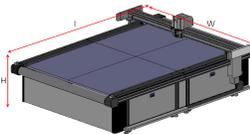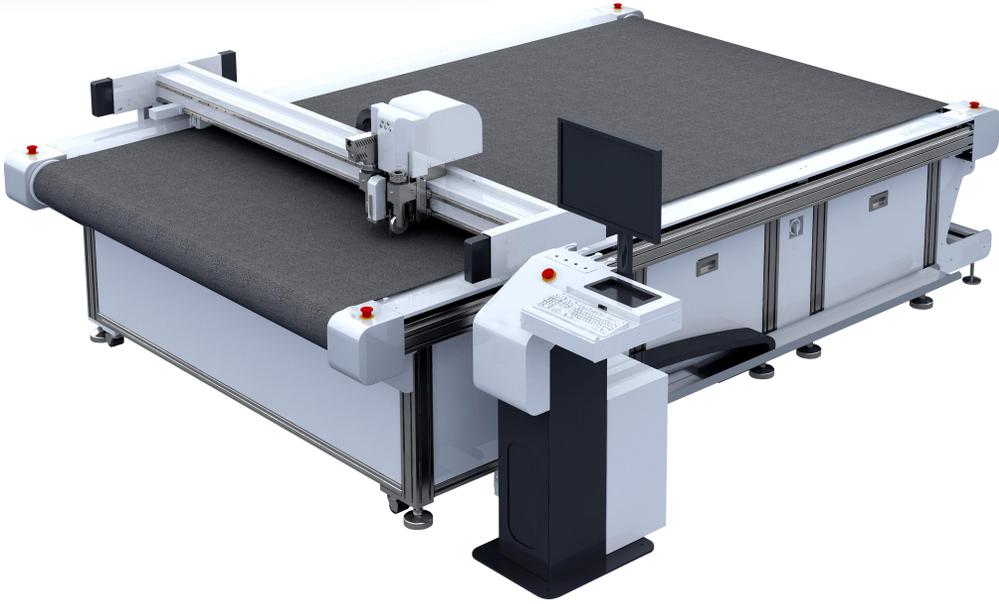
J-CUTTER Series

Available models:
* CB08II-2516-PM
* CB08II-3516-PM
* CB08II-3121-PM
* CB08II-3032-PM

* Market positioning: High-end level for industrial production

* Max. Speed: 1000mm/s

* Repeat precison: ±0.05 mm

* Acceleration: 0.6G ~ 1G (Depending on the table size)

* Physical frame: Robust & Durable Aluminum Alloy Profile (ITEM) butt-end joint frame. (* Assembled)

* Motion controller: DMC

* Transmission system: Precision Gear & Rack

* Servo system: 7 axis servo drive

* Individual vacuum zones: 6

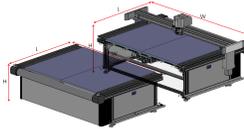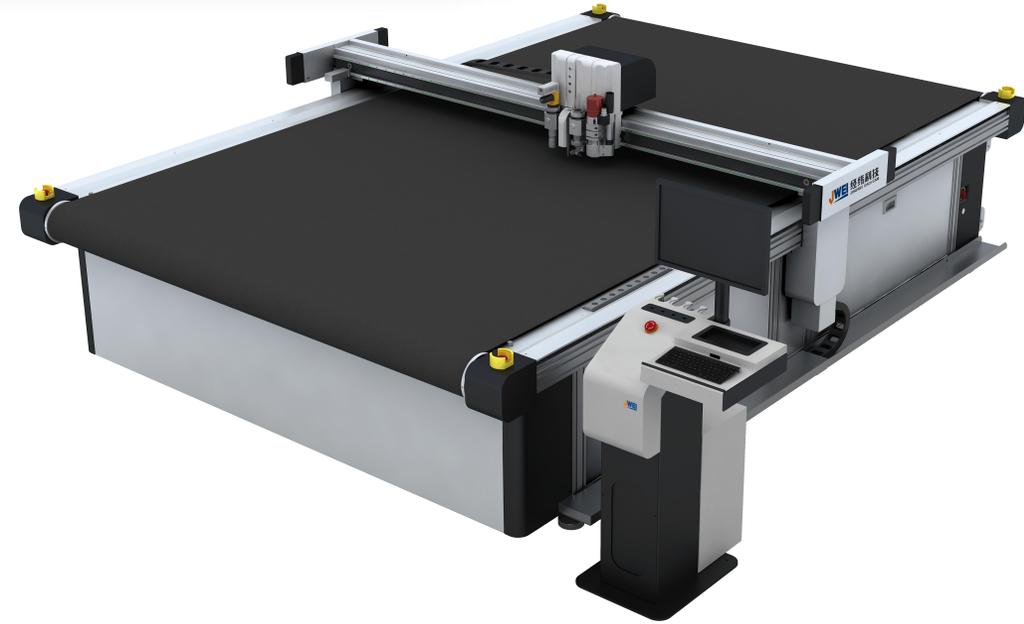* Tools Compatibility: All Jwei Cutting tools except 1800W Router

JWEI®

* TB08II
* Triple universal module

J-CUTTER Pro Series

Available models:
* TB08II-2516-PM
* TB08II-3516-PM
* TB08II-3121-PM

- Market positioning: High-end level for industrial production

- Max. Speed: 1000mm/s

- Repeat precison: ±0.05 mm

- Acceleration: 0.6G ~ 1G (Depending on the table size)

- Physical frame: Robust & Durable Aluminum Alloy Profile (ITEM) butt-end joint frame. (* Assembled)

- Motion controller: DMC

- Transmission system: Precision Gear & Rack

- Servo system: 9 axis servo drive

- Individual vacuum zones: 6

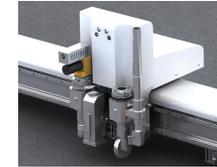- Tools Compatibility: All Jwei Cutting tools

* FH03II
* ERT + V punching (Fixed)

* CB03II
* Double universal module
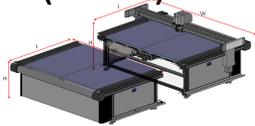
T-CUTTER Series

Available models:
- FH03II-2516-RQ
- CB03II-2516-RQ

- Market positioning: Single ply cutting solution

- Max. Speed: 1200mm/s

- Repeat precison: ±0.1 mm

- Acceleration: 1G

- Physical frame: Steel + aluminum alloy profiles(* Integrated)

- Motion controller: M5

- Transmission system: Synchronous belt

- Servo system: 6 axis servo drive

- Individual vacuum zones: 6

- Tools Compatibility: All Jwei Cutting tools except 1800W Router
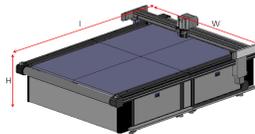
APPLICATIONS

Signage Applications

Banners

PVC/PET/PP film

PVC foam board

Flags Stands

Self-adhesive Vinyl

Shop sign(ACM, acrylic)

POP/POS display

Packaging Applications

POS/Corrugated package

Luxury package

Polypropylene package

Design toys

Un-printed Corrugated cardboard

Printed corrugated cardboard

Grey board

Polypropylene

Textile Applications

Sportswear   Customized Shirt   Suits   Working cloths   Casual wear
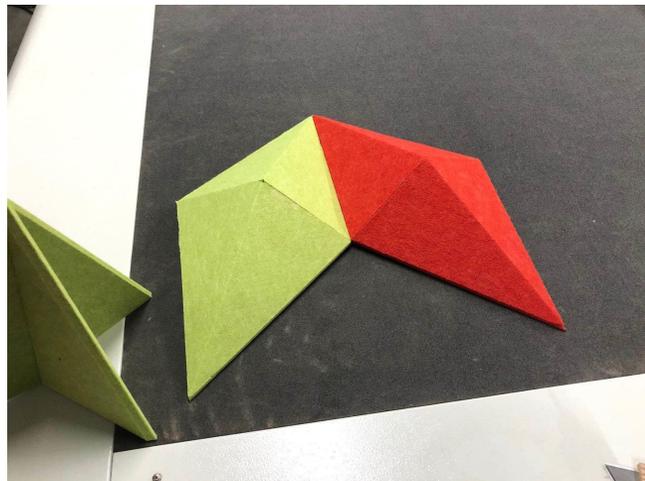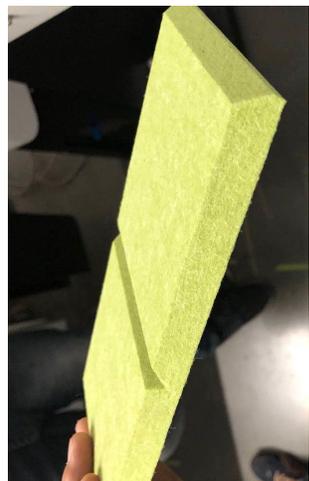
Woven fabric   Knitted fabric

Acoustic Materials Applications

Burgeree Acoustic PET panel

Road Sign Applications

3M reflective materials

Composite Materials Applications
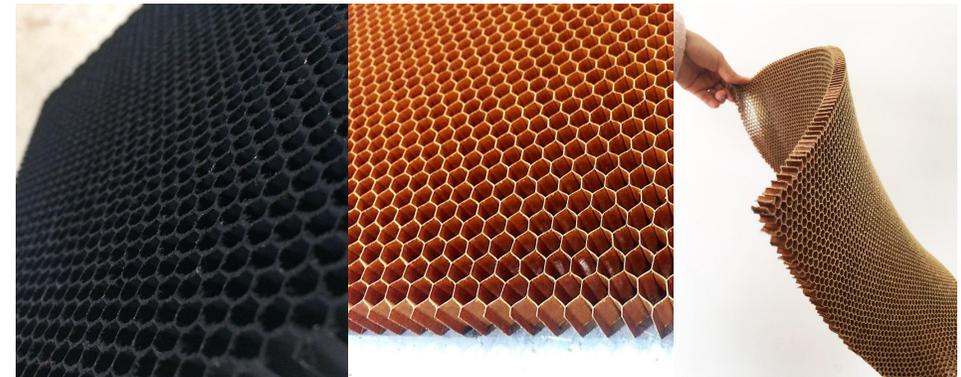
Fishing rods

Sportscar

Drones

Aviation interior

Carbon fiber prepreg

Fiberglass

Absorbent honeycomb

Floor Mat Applications

Home decoration floor mat

Car floor mat

Carpet fiber

TPE

JWEI SOFTWARE

JWEI Software:

JWCS (* Standard, machine control software, cutting path optimization)

JWCM (* Standard, blades for corresponding materials database)

QR Code system (*Standard, CCD camera required, Cutting tasks intelligent management)

JWPS (* Optional, box structure online library for packaging)

JWCG (* Optional, projection system required. Plaid pattern matching)

JWFB (* Optional, OCC camera required. Automatic contour recognition)

Officially support by: OptiScout CALDERA ONYX SAi ergosoft rip solutions

Compatible with: ArtiosCAD {EngView Systems} ARDEN SOFTWARE impact O PICador Adobe Illustrator AUTODESK AUTOCAD CorelDRAW PARMEL GERBER TECHNOLOGY

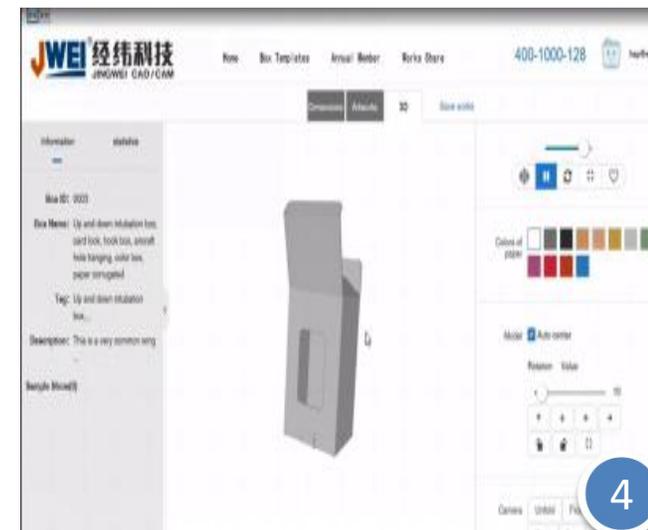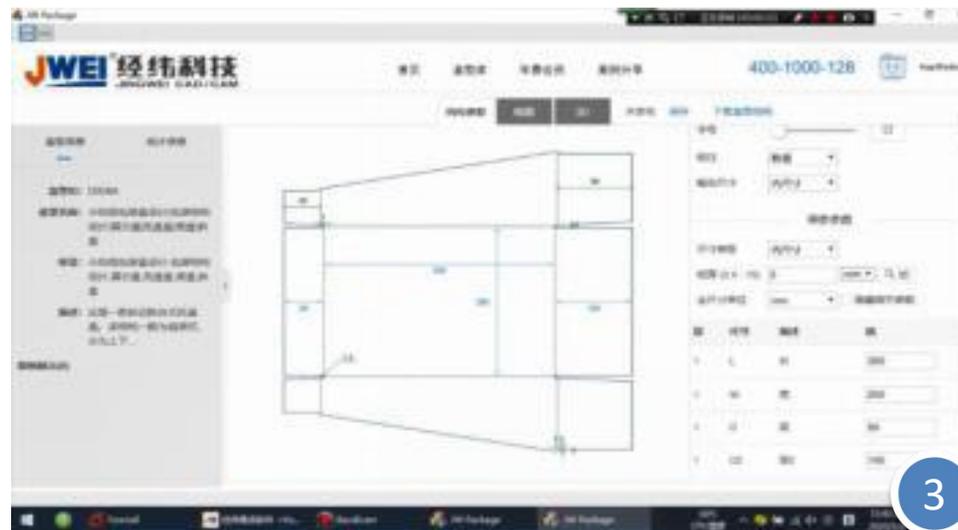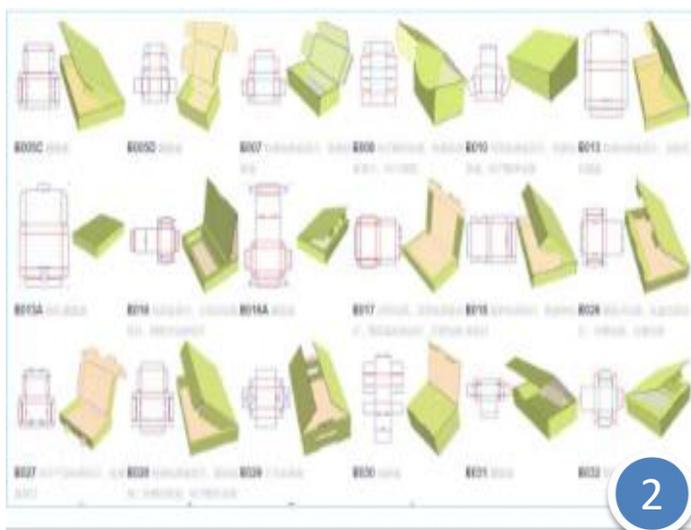# JWPS(Optional)

Box structure library software, Code: 08.01.0019

① Open JWPS plug
② Select box types
③ Input parameters
④ 3D preview
⑤ Output to JWCS

YouTube: https://youtu.be/RXLg-A2FjRk
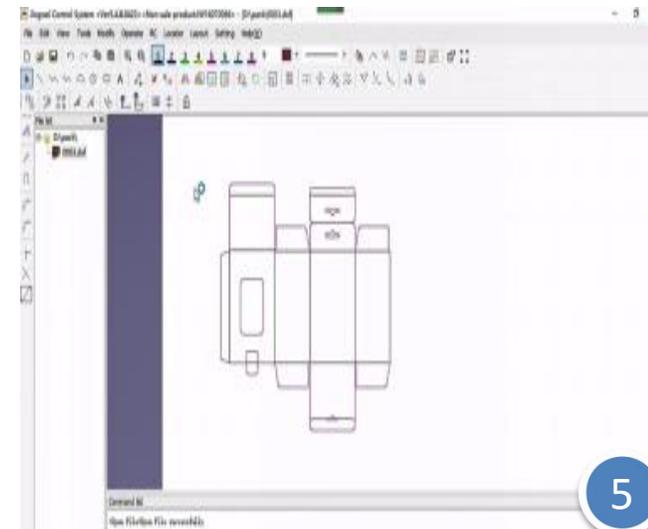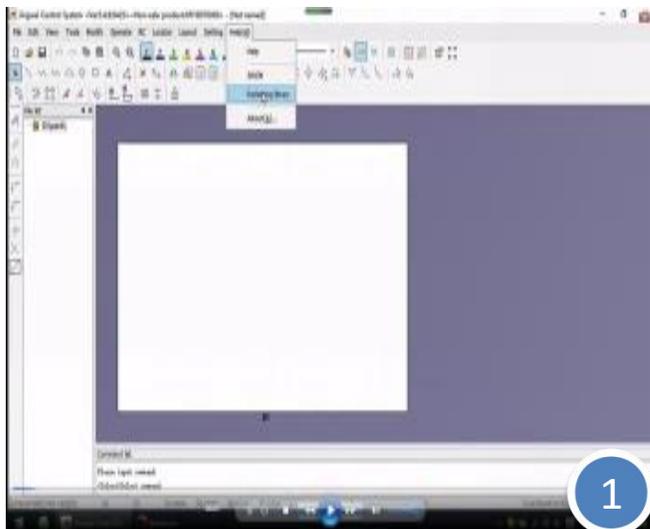
|	JWPS	ArtiosCAD
Type	Box structure library software	Structural packaging design software
Online library	1,000+	n/a
3D demonstration	√	√
Box customization	Parameter setting	CAD drawing
AI integration	n/a	√
Compatible with JWCS	√	√
Operator	Easy to operate, no CAD software experience	Designer, Master of CAD software
Price	$1,500/year	Essentials: 193.33 € /month/user Advanced: 398.33 € /month/user Prime: 398.33 € /month/user

JWEI CUTTING TOOLS

PVC Foam board

Corrugated cardboard

Honeycomb board
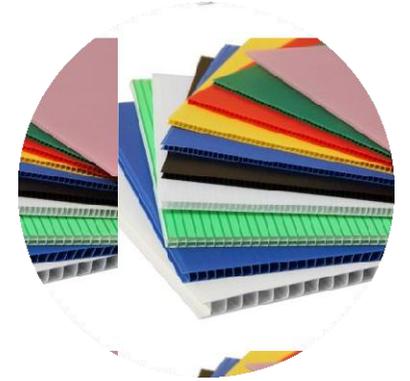
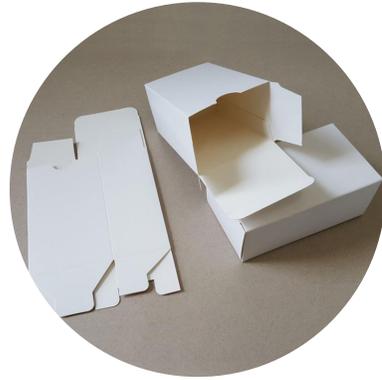**Fluted core board**

Flexo plate

Carpet

Corrugated plastic

Rubber sheet

Electric oscillating tool (EOT)

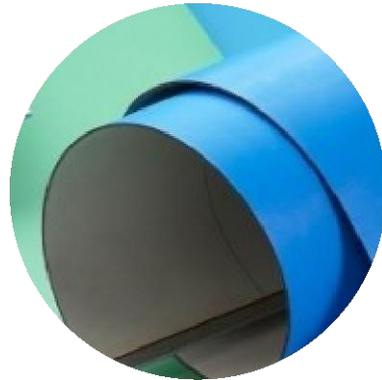Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro, T-CUTTER

JWEI

Cardboard

PVC/PP/PET soft plastic

Vinyl

Varnish blankets

Grey board

PVC form board

Non-oscillating Tool (NOT)

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro, T-CUTTER

Center Cutting Tool (CCT)

Polystyrene Foam Board

Grey board

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

![JWEI logo]

Adhesive vinyl

Stickers

Magnetic Sheet

Reflective materials

Kiss Cut tool (KCT)

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

Honeycomb board

Polyester Acoustic Panel

Corrugated cardboard

V-cut tool for honeycomb board

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro
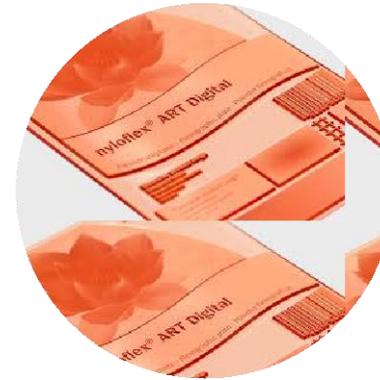
Photo frame

Flexo plate
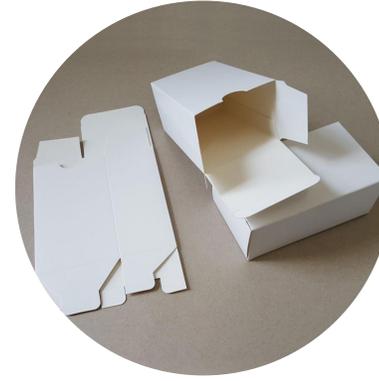
Polyester Acoustic Panel

V-cut tool for photo frame

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

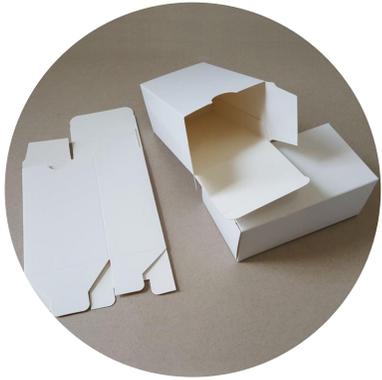**V-cut tool for grey board**

Grey board

V-cut tool for cardboad

Cardboard

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro
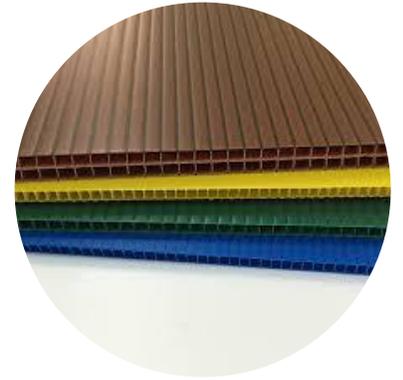
Cardboard

Corrugated cardboard

Corrugated plastic (soft)

Polypropylene

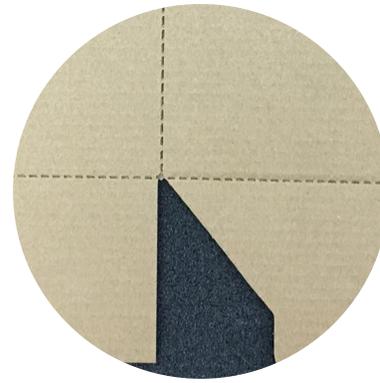<u>Creasing wheel tool</u>

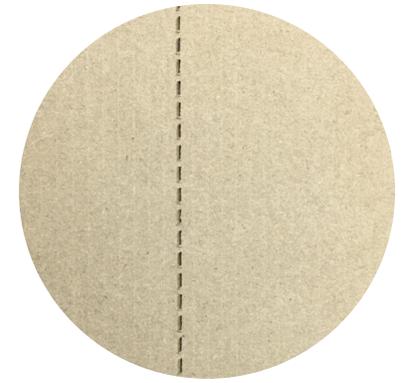Compatible with: <u>S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro</u>
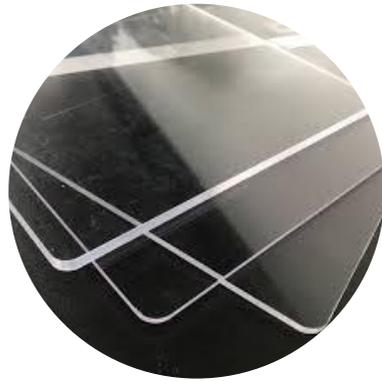
Perforation wheel tool

Cardboard

F-flute

E-Flute
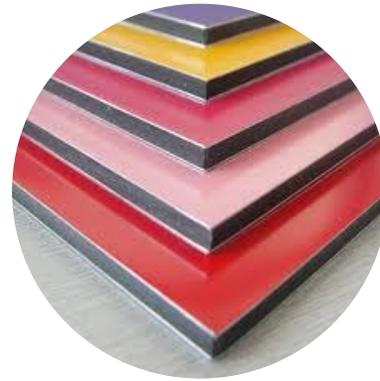
Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro
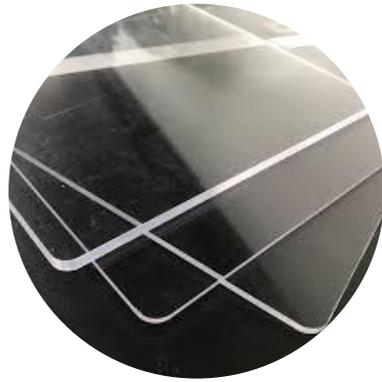
Acrylic board

MDF

ACM

Epoxy board

350W NSK router tool

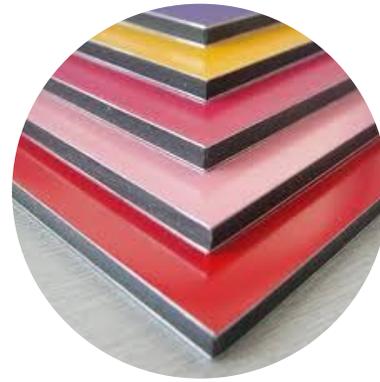60,000 RPM, Air cool, includes FESTOOL dust extractor, frequency converter and cable holder.

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

Acrylic board   MDF   ACM   Epoxy board

1800W DAKA router tool

60,000 RPM, Water cool, ATC(Automatic tool change), includes FESTOOL dust extractor, frequency converter and cable holder.

Compatible with: J-CUTTER Pro

JWEI ®

Textile

Composite materials

Flex banner

Fur fabric

Electric rotary tool(ERT)

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro, T-CUTTER

JWEI ®

EVA

PE form

Sponge

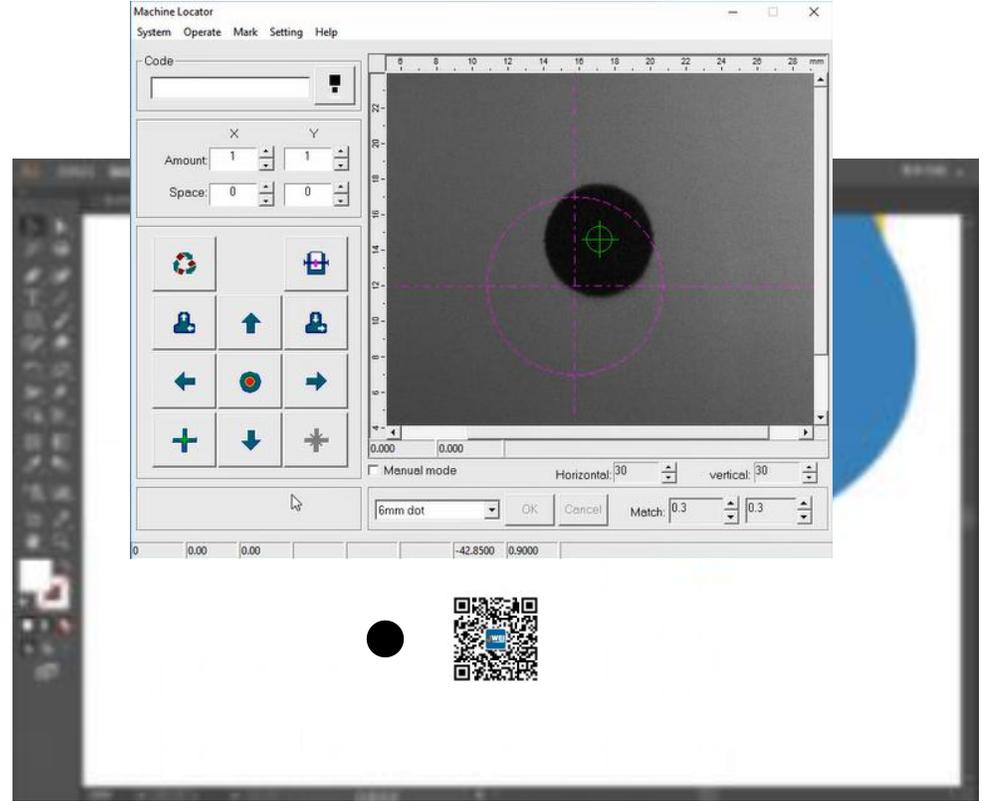Soft foam materials

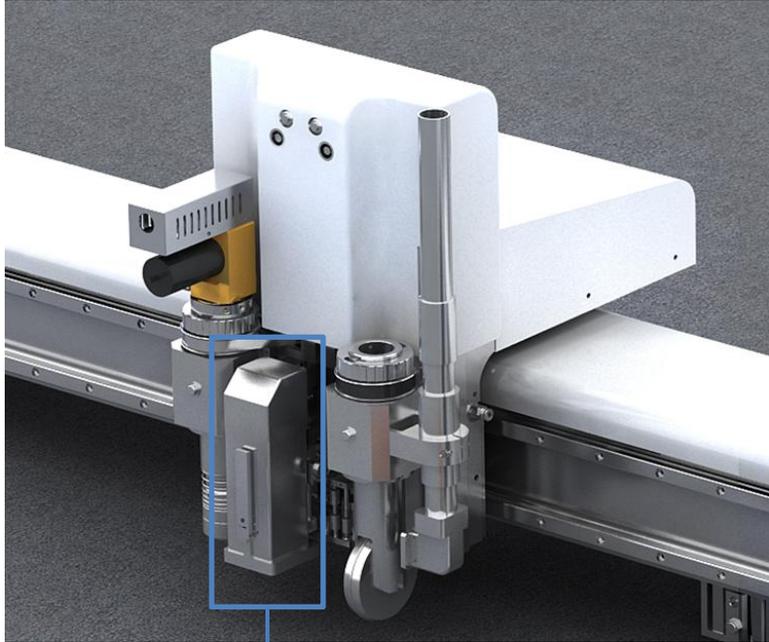Foam cutting tool

Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

Punching tool

Available notching diameter: Φ2mm (J212), Φ3mm (J214), Φ4.5mm(J217)

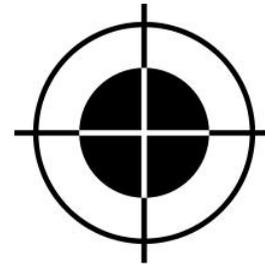Compatible with: S-CUTTER, E-CUTTER, J-CUTTER, J-CUTTER Pro

MATERIAL RECOGNITION

经纬智造

CCD camera registration system
Pritning location positioning, precisely contour cutting
Cutting files management

Registration mark positioning   QR code system

OCC camera system (Top camera)

OCC camera system (Top camera)

Within seconds, capture prints, generate cutting files and execute cutting automatically. Continuously automatic processing as equip with adequate loading device, delivers minimum operator interruption and high efficiency and productivity.

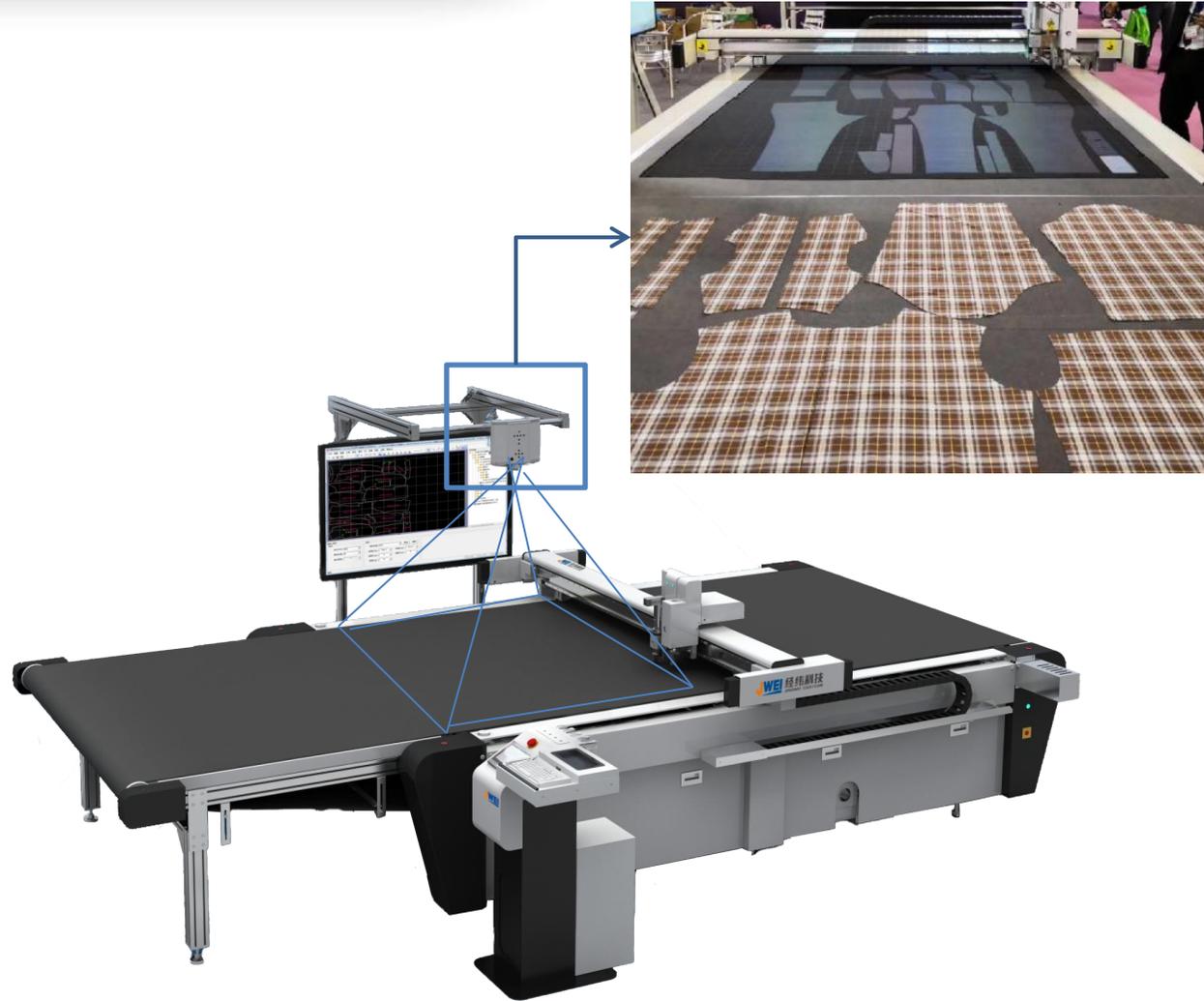Effective cutting area with OCC: 2200x1580mm

OCC height above table: 1.5m

Installed height: 2.62m (Standard) / 2.52m(Minimum)

Working environment: No shake on the ground

Applied industry: Textile(Printed fabric, sportwear), Signage

Compatible with: CB03II-2516-RM,FH03II-2516-RQ, CB03II-2516-RQ

Projection system

BenQ projectors x 2 pcs, Frame Stand

JWCG nesting software plug included

Projection for pattern matching, finished products sorting.

Applied industry: Textile

Mark: JWEI dongle 10.1

Compatible with: FH03II-2516-RQ, CB03II-2516-RQ

Auto labeling system

Automatic printing & sticking labels on the finished products.

Speed: 3-4 second per piece

Printing: QR code, bar code, characters

Remain period: 3-4 months

Sticker size: 30x40mm (Max. 80x80mm)

Sticker Qty: 800 pieces per set

Applied industry: Composite materials, Textile

Mark: JWEI dongle 10.1

Compatible with:
BK03II-2516-RM, FH03II-2516-RQ

MATERIAL TRANSPORTATION

Automatic sheet feeder

Max. Weight(Total Stack): 600 Kgs.
Max. Height(Total Stack): 30 cm

Max. Weight(Single sheet): 15 Kgs
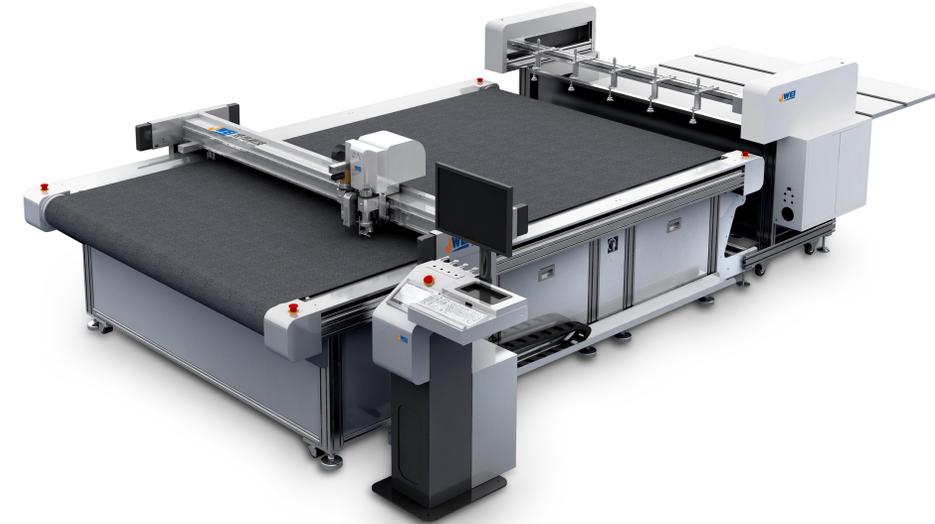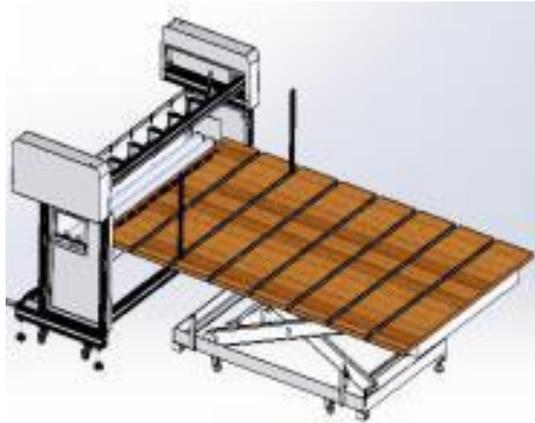Min. Weight(Single sheet): 1000g

Max. Size(Single sheet): 2500x1600mm
Min. Size(Single sheet): 500x500mm

Rated Voltage: 380V±10%/50Hz

Rated Power: 2 Kw

Applied materials: PVC foam board, corrugated cardboard, honeycomb board, Acrylic board

Applied industry: Signage、Corrugared packaging

YouTube: https://youtu.be/0SkpqeONyC4

Two size available:
1.6m width sheet feeder
2.1m width sheet feeder

Compatible with (1.6m width): CB03II-2516-RM, CB08II-2516-PM, TB08II-2516-PM
Compatible with (1.6m width): CB08II-3121-PM, TB08II-3121-PM

Roll feeder for composite materials 1.6m width - Code: 03.03.0019

Applied materials: Carbon fiber prepreg, Fiber glass

Applied industry: Composite materials
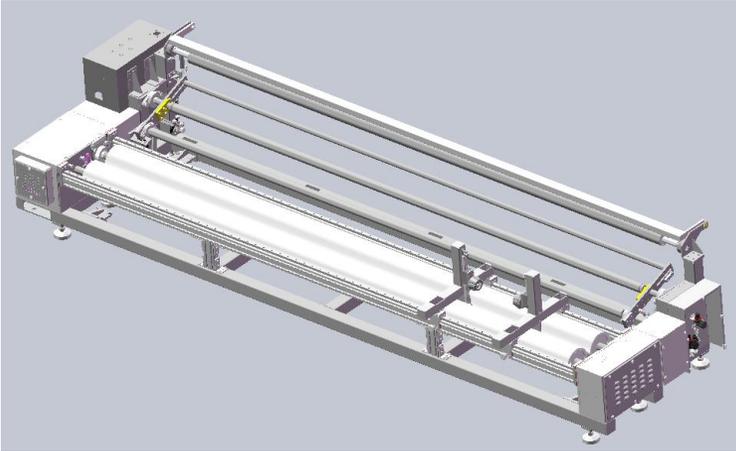
Compatible with: CB03II-2516-RM, BK03II-2516-RM

Roll feeder for fabric 1.6m width - Code: 03.03.0016

Applied materials: Fabric, textile

Applied industry: Textile, Furniture

Compatible with: CB03II-2516-RM, FH03II-2516-RQ, CB03II-2516-RQ

Automatic roll feeder 3.2m width

Max. Roll Weight: 700 Kgs.

Max. Roll Diameter: 350mm

Applied materials: PVC coated banner, Vinyl coated polyester, Canvas fabric

Applied industry: Signage

Compatible with: CB08II-3032-PM

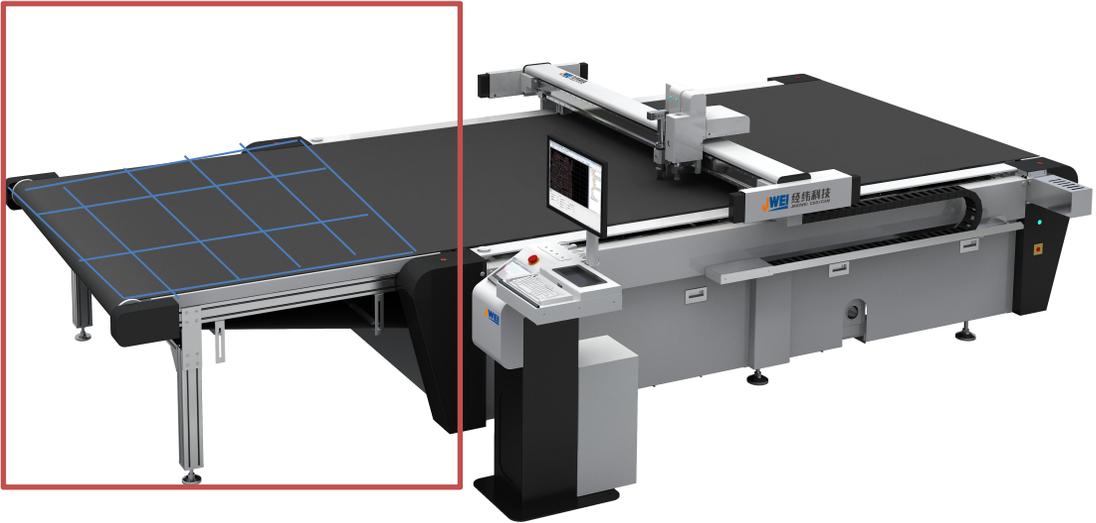Extension table for finished products Pickup

Pickup extension table is for pick up finished products with

the machine is unstopped, it is applied to increase the productivity.

Two size available:

* 1500mm (Length) * 1600mm (Width)

* 2500mm (Length) * 1600mm (Width)

Compatible with: CB03II-2516-RM, BK03II-2516-RM

PARTNERS

JWEI Partners

THANK YOU!

经纬智造