SUMMA
F SERIES

**Professional flatbed
finishing systems**

F1625
SUMMA

About Summa

Summa is a global leader in digital cutting solutions, delivering innovative technology for signage, packaging, textiles, and industrial applications. Our product portfolio includes state-of-the-art vinyl, flatbed, and laser cutters that ensure exceptional precision and quality.

Summa is headquartered in Gistel, Belgium, with regional hubs in Italy and the USA. Leveraging more than 50 years of experience, we continue to pioneer cutting-edge technology that redefines precision cutting.

www.summa.com | #SummaFinish

HIGH-PRECISION FLATBED CUTTERS FOR WIDE-FORMAT PROFESSIONALS

Unlock the full potential of your signage, packaging, and textiles with the Summa F Series, a high-performance line of digital flatbed cutters built for professionals who demand precision, versatility, and flawless results. Take on a broad range of applications, serve more clients, and stay ahead of the curve in a competitive market.

From roll to sheet media, the F Series delivers clean, precise cuts across vinyl, foam board, PVC, corrugated cardboard, textiles, and rigid substrates, enabling you to tackle everything from window decals and POP displays to custom boxes and industrial projects with ease.

Backed by Summa's proprietary GoProduce production workflow software and over 15 precision tools, including a kiss-cut tool with 0.02 mm repeatability, the F Series brings unmatched control to every cut.

Complete F Series line-up

Applications

The F Series handles a wide range of materials for diverse applications, from signage and packaging to textiles. Every cut is precise on our flatbed cutters, ensuring flawlessly finished products.

S Sign & Display

The world of sign and display is dynamic and versatile. F Series flatbed cutters help you streamline your print and cut workflow, deliver flawless results, and meet even the tightest deadlines.

- POS displays
- Soft signage
- Stickers
- Mock-up designs
- Traffic signs
- Billboards

Textile

Accuracy is crucial when cutting textiles, and with production processes often relying on manual cutting, errors and waste are common. Our flatbed cutters bring precision, efficiency, and consistency, helping you optimize workflows while minimizing material waste.

- Backlit displays
- Flags and banners
- Interior decoration
- Sportswear
- Fashion

Packaging

Packaging must stand out while staying durable enough to protect its contents. F Series flatbed cutters let you create eye-catching, strong packaging that captivates and performs.

- Prototype packaging
- Custom packaging
- Short-run packaging
- Event-based packaging
- Creative packaging

CUSTOMIZE YOUR F SERIES

Every F series cutter is fully customizable to match the way you work. From the base to the software, each component is designed to deliver precision, flexibility, and long-term performance. Discover below how the F Series adapts to your needs and grows with your business.

F3220 w/ Heavy-Duty Roll Support

Build Your Own Flatbed Cutter

Start with one of six base models, then customize with the tools, modules, and media handling add-ons that fit your needs. All components are retrofittable, so your F Series can evolve as your business does. With GoProduce software included, you're set up for a smooth, productive workflow from day one.

01 Base Unit

02 Modules & Tools

03 Media Handling Add-on

04 Software

GO™ PRODUCE

F1612 w/ Conveyor Extension

01 | Choose Your Base Unit

A solid cutting workflow begins with the right foundation. Our base units are solidly built with an aluminium frame and available in six sizes. Each one includes an integrated safety system and meets the highest CSA and ISO 9001 standards, ensuring safety, quality, and long-term performance.

- Available in six sizes:
  F1612: 1.6m x 1.2m
  F1625: 1.6m x 2.5m
  F1432: 1.4m x 3.2m
  F1832: 1.8m x 3.2m
  F3220: 3.2m x 2m
  F3232: 3.2m x 3.2m

- Easy machine maintenance
- Supports roll and sheet-based workflows
- Cutting table remains easily accessible
- ISO 9001 Certified
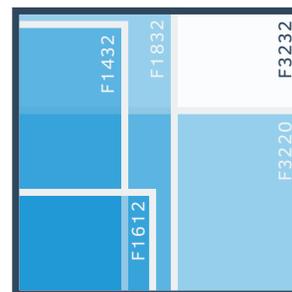
Working area comparison

02 | Pick Your Modules & Tools

Unlock new markets and applications with your choice of modules and tools. Its multifunctional head holds up to three modules at once, giving you access to 15+ tools (and counting) capable of cutting over 100 different materials.

- Drag knife module
- Tangential module
- Standard & High-Frequency Router modules

- High Torque Rotary module
- Add up to three modules at once
- 15+ tools, handling 100+ materials

Tangential Module

03 | Add Media Handling Add-ons

F Series cutters can be equipped with a range of media handling options - like roll support, a sheet feeder, and a media clamp bar - to match your workflow. Just keep in mind: not every add-on is available for every model size. For full compatibility details, check the individual product pages.

- Roll-up system
- Extension tables
- Basket
- Sheet feeder

- Media clamp bar
- Heavy-duty roll-support
- Conveyor extension

04 | Get Our Workflow Production Software

Developed in-house by Summa, GoProduce™ powers every F Series cutter. It's simple to use from the start, yet packed with powerful features. Customize, streamline, and automate your processes into one-click workflows. The rich feature set makes this software a true user favorite.

- Material manager
- Custom configuration of action sets
- Barcode functionality (Pro Pack)
- Compensation modes
- Smart sorting

Summa GoProduce

F SERIES BASE MODELS

Choose from six base models, each offering a rock-solid foundation that can be expanded with tools, modules, and media handling add-ons. From roll to sheet media, our flatbeds deliver clean, precise cuts on everything from vinyl and foam board to corrugated board and PVC-containing textiles.

Whether you're producing window decals, POP displays, custom boxes, or industrial components, the F Series is your reliable companion, built to adapt, perform, and keep you ahead in a competitive market.

F1612 with a drag and two tangential modules

SUMMA F1612

The F1612 is Summa's most compact F Series flatbed cutter, ideal for wide-format printing professionals. With its wide variety of tools and media handling options, it delivers precise cutting for flexible materials and automated roll-based workflows.

Key Benefits

- Small footprint
- Plug-and-play installation
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Adhesive vinyl
- Banners
- Protective sheeting
- Reflective sheeting
- Magnetic media

Model	F1612
Dimensions	247 x 220 x 110 cm (97" x 8"6 x 43")
Material width	Up to 165 cm (65")
Work zone	160 x 120 cm (63" x 47")
Vacuum	1.3 kW (50Hz) / 1.75 kW (60Hz)
Vacuum zones	4 zones (4 columns)
Requirements	**Standard:** 3 x 400V + N, 50Hz, max 20A **Or:** 3 x 208V + N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz, max 20A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to 1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F1612 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Workflow automation

- Operator zone
- Twin workflow
- F Performance
- Barcode workflow

Optional media handling

- Conveyor extension
- Basket
- Roll-up system
- Extension table
- Media clamp bar
- Sheet feeder
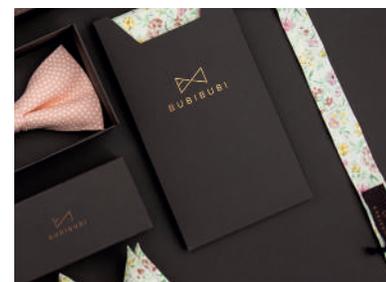
BRING BRANDS TO LIFE
WITH THE F1625

SPOT ON.

Meet the Summa F1625, a powerful flatbed cutter built for packaging and sign & display professionals who are ready to break boundaries. As part of the renowned F Series, the F1625 tackles everything from vinyl and foam board to PVC, ACM, and corrugated media with unmatched precision and speed. Expand into rigid materials and elevate your production capabilities with this high-performance cutting solution.

More than just a cutter, the F1625 is a business accelerator. With intelligent features like tandem workflow, automatic tool recognition, and a dedicated operator zone, it minimizes downtime and maximizes productivity. Removing a single sheet and resuming operation takes less than 30 seconds, so you keep moving, job after job.

Switch between kiss-cutting, creasing, routing, and more with a wide range of swappable tools—all supported by the proprietary GoProduce workflow production software. Compact, low-maintenance, and remarkably easy to operate, the F1625 gives you the freedom to take on more complex, higher-value projects with ease.

F1625

DIGITAL FLATBED CUTTER FOR SIGNAGE PROFESSIONALS
160 X 250 CM | 5X8 FT

SUMMA F1625

The F1625 is the perfect choice for signage and packaging professionals. Its length is ideal for cutting sheet materials, while its optimized width makes it perfectly suited for seamless print-and-cut workflows.

Key Benefits

- Perfect for sheet and roll materials
- Plug-and-play installation
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Adhesive vinyl
- Banners
- Protective sheeting
- Reflective sheeting
- Magnetic media

Model	F1625
Dimensions	2470 x 3330 mm (97.2" x 131.1")
Material width	1650 mm (65")
Work zone	160 cm wide x 250 cm long (63" x 98")
Vacuum	2 x 1.3 kW (50Hz) Or 2 x 2 kW (60Hz)
Vacuum zones	4 columns x 2 rows
Requirements	**Standard:** 3 x 400V+ N, 50Hz, max 30A **Or:** 3 x 208V+ N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz/60Hz, max 30A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to 1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F1625 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Optional media handling

- Basket
- Roll-up system
- Media clamp bar
- Sheet feeder

Workflow automation

- Operator zone
- Twin workflow
- F Performance
- Barcode workflow
- Tandem mode

F SERIES | View the complete Summa F Series line up at Summa.com

SUMMA F1432

The F1432 is built to handle both sheet and roll-based workflows and is specifically designed for cutting reflective materials. It delivers exceptional precision on everything from reflective vinyl and traffic signs to reflective boards, making it the ideal solution for high-visibility signage production.

Key Benefits

- Specialized for cutting reflective signs
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Roll stock
- Lengthy materials
- Cardboard material
- (Technical) textile
- Synthetic material

Model	F1432
Dimensions	230 x 422 x 122 cm (91" x 166" x 48")
Material width	Up to 142 cm (56")
Work zone	136 x 320 cm (53" x 126")
Vacuum	2.2 kW (50Hz) / 2.55 kW (60Hz)
Vacuum zones	6 zones (2 lines x 3 columns)
Requirements	**Standard:** 3 x 400V + N, 50Hz, max 30A **Or:** 3 x 208V + N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz, max 20A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to 1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F1432 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Optional media handling

- Basket
- Media clamp bar

Workflow automation

- Operator zone
- Tandem mode
- F Performance
- Barcode workflow

F SERIES | View the complete Summa F Series line up at Summa.com

SUMMA F1832

The F1832 is the ultimate all-rounder, effortlessly handling both roll and sheet-based workflows. This versatile cutter delivers exceptional performance from signage and packaging to textile.

Key Benefits

- True allround packaging, signage, and textile cutter
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Composites
- Synthetic Materials
- Roll materials
- Wood
- Textiles
- Industrial materials

Model	F1832
Dimensions	279 x 422 x 122 cm (110" x 166" x 48")
Material width	Up to 190 cm (75")
Work zone	184 x 320 cm (72" x 126")
Vacuum	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)
Vacuum zones	8 zones (2 lines x 4 columns)
Requirements	**Standard:** 3 x 400V + N, 50Hz, max 30A **Or:** 3 x 208V + N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz, max 20A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to 1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F1832 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Optional media handling

- Heavy duty roll support
- Media clamp bar

Workflow automation

- Operator zone
- Tandem mode
- F Performance
- Barcode workflow

SUMMA F3220

The F3220 is designed for outdoor signage professionals. It handles both sheet and roll materials, and its generous size enables a seamless print-and-cut workflow and textile production. It's an excellent choice for high-quality, wide-format production.

Key Benefits

- Matches 3.2 m wide textile printers
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Textiles
- Composites
- Paper-based materials
- Synthetic materials
- Wood
- Industrial Materials

Model	F3220
Dimensions	422 x 313 x 122 cm (166" x 123" x 48")
Material width	Up to 332 cm (131")
Work zone	327 x 210 cm (128.7" x 82.6")
Vacuum	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)
Vacuum zones	7 zones (1 lines x 7 columns)
Requirements	**Standard:** 3 x 400V + N, 50Hz, max 20A **Or:** 3 x 208V + N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz, max 20A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F3220 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Optional media handling

- Heavy duty roll support
- Media clamp bar

Workflow automation

- Operator zone
- Tandem mode
- F Performance
- Barcode workflow

F SERIES | View the complete Summa F Series line up at Summa.com

SUMMA F3232

The F3232 is our largest flatbed cutter, designed for high-production environments and packaging professionals. Its expansive working area makes it ideal for sheet-based workflows, delivering exceptional ease and accuracy.

Key Benefits

- Perfect high-production signage and packaging
- Matches 3.2 m wide textile printers
- Automatic device calibration (ADC)
- Automatic Tool Recognition
- Triple head cutter
- Integrated safety system
- Future-proof design

Ideal to cut:

- Textiles
- Composites
- Synthetic materials
- Industrial materials
- Wood

Model	F3232
Dimensions	422 x 422 x 122 cm (166" x 166" x 48")
Material width	Up to 332 cm (131")
Work zone	327 x 320 cm (128.7" x 126")
Vacuum	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)
Vacuum zones	14 zones (2 lines x 7 columns)
Requirements	**Standard:** 3 x 400V + N, 50Hz, max 20A **Or:** 3 x 208V + N, 60Hz, max 30A **Or:** 3 x 230V, 50Hz, max 20A
Standard solution includes:	• F Series flatbed system • Conveyor system with pneumatic media clamps and roll support • Security Pack • Camera system • Axis Control software • Drag module • ADC left & right • GoProduce software • Speed: up to 1000 mm/sec (39"/s) • Acceleration: up to 1G

Modules & Tools

The F3232 can be easily equipped or upgraded with four different modules and 15+ tools. This future-ready flexibility empowers your business to grow seamlessly, expand capabilities, and unlock new market opportunities.

- Drag Module
- Tangential Module
- Standard / High-frequency router
- High-torque Rotary Module

Media Handling & Workflows

Specialized media handling options are available to maximize performance and get the most out of the cutter:

Standard included media handling

- Conveyor system
- Media advance clamps
- Roll support system
- Vacuum table

Optional media handling

- Heavy duty roll support
- Media clamp bar

Workflow automation

- Operator zone
- Tandem mode
- F Performance
- Barcode workflow

F SERIES | View the complete Summa F Series line up at Summa.com

MODULES & TOOLS

Every F Series model comes equipped with a powerful multifunctional head that holds up to three cutting modules at once, letting you process complex jobs using multiple finishing techniques or do quick switches between different materials. With over 15 interchangeable tools, the F Series can cut, crease, and perforate over 100 types of materials.

The Automatic Tool Recognition and ADC (Automatic Device Calibration) ensure fast, precise setup with minimal manual input, while the integrated camera system and central LED pointer guarantee accurate mark recognition.

SLOT 1　　　　　　**SLOT 2**　　　**SLOT 3**

A Short Introduction to our Modules & Tools

We offer a wide range of cutting modules and tools to match your current needs, and future ambitions. Whether you start with the essentials or level up to our more advanced options, you can build the perfect setup for the products you create today and those you plan to produce tomorrow.

Tangential Module for:

- Adhesive vinyl
- Window film
- Magnetic material
- Reflective sheeting
- Foamboard with paper
- Adhesive PVC banner vinyl
- Folding carton
- Polypropylene
- Polycarbonate
- Sandblast material

Router Module for:

- Corrugated PP board
- Expanded PVC board
- Polycarbonate
- ACP/ACM
- MDF
- Foamcore with HIPS liner
- Plexi

Rotary Module for:

- Woven polyester
- Packaging foam
- Synthetic textiles
- Technical textiles

Drag Module for:

- Paper
- Adhesive vinyl

Knives, Blades, & Bits

Each module supports a variety of tools, knives, blades, and bits, letting you choose exactly what you need for the best cut on any material. Thanks to Automatic Tool Recognition and our built-in barcode IDs, tools are instantly identified and paired with the correct settings, streamlining your workflow.

As your business grows, your toolset can grow with it. Modules and tools can be added at any moment.

Tangential Module

Router Module

High Frequency
Rotary Module

Drag Module

Automated Device Calibration | ADC

Automatic Device Calibration (ADC) takes the guesswork out of tool changes. It accurately measures the tip of your knife or bit and automatically sets the cutting depth to match the table's surface, creating flawless cuts and saving valuable setup time.

Benefits

- Easy tool change
- Automatic tool measuring
- Flawless cutting
- Less operator intervention
- Saving valuable time

TANGENTIAL MODULE

The Tangential Module works with a wide range of tools to process various materials with consistent precision thanks to its 10 kg of downforce. It's ideal for applications that demand clean, accurate results across different types of media.

Tools Available on the Tangential Module

Kiss-Cut Tool
Kiss-cut complex shapes

Single Edge Cutout Tool
Cut flexible and rigid media up to 6 mm

Double Edge Cutout Tool
Cut rigid media up to 5 mm

Heavy-Duty Cutout Tool
Cut dense media up to 15 mm

Creasing Tools
Crease at various depths

V-Cut Tools
Cut angles (0°-45°) in rigid media up to 27 mm

Perforating Tool
Perforate both thin and thick media

Electronic Oscillating Tool
Cut soft to medium-dense materials up to 18 mm

Pneumatic Oscillating Tool
Cut thick media up to 25 mm

Pneumatic Oscillating Tool-L
Cut thick and soft media from 20 up to 42 mm

Bevel Cut Tool
Cut V-shaped grooves at 45° up to 5 mm

Corrugated Tool
Compress and cut media up to 8 mm

Kiss-Cut Tool

S

Designed specifically for kiss-cutting, the Kiss-Cut Tool features mechanically controlled knife pressure for cutting materials down to their liner, up to 1.2 mm thick. An adjustable nose piece ensures precise depth control, delivering clean, consistent results.

Strongest features
- Precise depth control
- Clean cuts for easy weeding
- Cuts a wide variety of vinyl and film

Ideal for cutting
- Paper < 200g
- Adhesive vinyl
- Sandblast material
- Window film
- Magnetic material
- Adhesive PVC Banner material

Blades

390-534 - Tangential Knife 36°
Max cutting thickness – 0.25 mm

390-550 - Tangential Knife 60°
Max cutting thickness – 1.2 mm
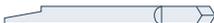
390-551 - Tangential Double Tip Knife 36°
Max cutting thickness – 0.25 mm
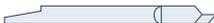
390-560 - Tangential Knife 45° wedge 40/25°
Max cutting thickness – 1 mm

Single Edge Cutout Tool

S

The Single Edge Cutout Tool is designed for detailed cutting through materials up to 6 mm thick. Its spring-loaded gliding disk enables high-precision cuts and can be locked at a fixed depth. This is perfect for intricate work with consistent accuracy.

Strongest features
- Precise cutting of details
- Cuts material up to 6 mm thick
- Fixed depth setting

Blades

500-9801 - Single Edge Cutout Knife 65°
Max cutting thickness (with gliding disk) - 6 mm
Max cutting thickness (without gliding disk) - 6 mm

Ideal for cutting
- Paper < 200 gr
- Folding carton 300-500 gr
- Adhesive vinyl
- Foamboard ≤ 2 mm
- Adhesive PVC
- Magnetic material

Bevel Cut Tool

S

The Bevel Cut Tool features a short, stable knife ideal for cutting V-shaped grooves into rigid materials like deco felt and rubber. It also creates clean, accurate fold lines in solid board, which is perfect for creating high-end packaging. When precision and presentation matter, this tool delivers a premium finish.

Strongest features
- Can cut through materials at a 45° angle
- Can cut through hard or tougher materials
- Able to cut curves

Blades

500-9827 - Burr-free Bevel Cut knife

500-9829 - Symmetrical Bevel Cut knife

Ideal for cutting
- Deco felt
- Rubber
- Solid board
- Papercore boards
- Corrugated board

Double Edge Cutout Tool S 📦

The Double Edge Cutout Tool is built for durability and precision, delivering minimal wear when cutting rigid materials up to 5 mm thick. Its spring-loaded gliding disk enables detailed, accurate cuts and can be locked at a fixed depth. This provides clean, consistent results on tough materials.

Strongest features

- Precise cutting of details
- Cuts at both knife sides
- Minimal knife wear
- Ideal to cut rigid material
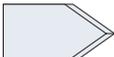
Ideal for cutting

- Folding carton 300-500 gr
- Adhesive vinyl
- Adhesive PVC
- PVC Banner
- Reflective sheeting
- Polypropelene ≤ 1.2 mm
- Polycarbonate ≤ 0.6 mm
- Foam PVC ≤ 1.2 mm
- Magnetic material

Blades
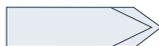
500-9802 - Double Edge Cutout Knife 50°
Max cutting thickness (with gliding disk) - 3 mm
Max cutting thickness (without gliding disk) - 3 mm
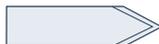
500-9803 - Double Edge Cutout Knife 60°
Max cutting thickness (with gliding disk) - 5 mm
Max cutting thickness (without gliding disk) - 5 mm

500-9804 - Double Edge Cutout Knife 50° Burr-Free
Max cutting thickness (with gliding disk) - 3 mm.
Max cutting thickness (without gliding disk) - 3 mm.

Heavy-Duty Cutout Tool S 📦

The Heavy-Duty Cutout Tool is suitable for cutting through thicker materials up to 15 mm thick.

Strongest features

- Ideal to cut very thick material

Ideal for cutting

- Foldig carton 300-500 gr
- Adhesive vinyl
- Adhesive PVC
- PVC Banner
- Foam PVC
- Foamcore with liner
- Corrugated PP board ≤ 5 mm

Blades

500-9807 - Heavy-Duty Cutout Knife 45° - 90 °
Max cutting thickness - 15 mm

- Expanded PVC board ≤ 1.2 mm
- Polypropelene ≤ 1.2 mm
- Polycarbonate ≤ 0.6 mm
- Foamcore with paper liner ≤ 5 mm
- Varnish blankets

Corrugated Tool S 📦

The Corrugated Tool is ideal for cutting packaging materials. Its patented wheels provide a smooth, die-cut-like finish by pressing down the material, ensuring precision cuts with a high-quality finish.

Strongest features

- High-precision cuts
- Smooth, die-cut-like finish
- High processing speed
- Durability

Ideal for cutting

- Corrugated board up to 8 mm thick
- Folding carton 400 – 700 gr
- B-C-E-F-EB-EE Flute
- Gray board
- Display board
- Solid board up to 3 mm thick

Blades

500-9820 - Symmetrical Coated Corrugated knife 50°
Max cutting thickness - 5 mm

500-9821 Symmetrical Coated Corrugated Knife 65°
Max cutting thickness - 8 mm

500-9822 - Burr-free Coated Corrugated Knife 50°
Max cutting thickness - 5 mm

Creasing Tools

Several creasing wheels, designed in different depths and radius sizes, are available for creasing and scoring paper, cartons, polypropylene and PVC material.

Strongest features

- Clean creases without tearing
- Directional pressure adjustments

Ideal for creasing

- Corrugated B-C-A-EE-BC flute (1.5 - 6 mm)
- Paper < 200gr
- Folding carton 300 - 500 gr
- Polypropelene sheets ≤ 1.2 mm

Line up creasing tools

500-9325 | Creasing Tool D25 R3 W8

500-9328 | Creasing Tool D15 R0.35 W0.7 - 2pt

500-9326 | Creasing Tool D25 R1.5 W8

500-9329 | Creasing Tool D15 R0.17 W0.35 - 1pt

500-9327 | Creasing Tool D25 R0.75 W1.5

500-9324 | Creasing Tool D50 R1.5

V-Cut Tools

The V-Cut Tools are available in five angles and are designed to cut a V-shaped groove in rigid sandwich and foam composite boards up to 27 mm thick.

Strongest features

- Precise angle adjustment
- Very fast blade changes

Ideal for cutting

- Honeycomb board
- Foamcore with paper liner
- Papercore board
- Display board

Line up V-Cut tools

500-9340 | V-Cut 0°

500-9343 | V-Cut 30°

500-9341 | V-Cut 15°

500-9344 | V-Cut 45°

500-9342 | V-Cut 22.5°

Blades
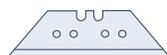
500-9825 - V-Cut Blade 0.9 mm
Max cutting thickness 18-27 mm

500-9826 - V-Cut Hard Metal
Max cutting thickness 18-27 mm

Perforating Tool

The Perforating Tool creates clean, efficient perforations, making materials easier to bend or fold with sharp 90° edges for a polished finish. It's ideal for boxes, as it speeds up assembly time while enhancing overall presentation.

Strongest features

- Cuts perforation lines up to 25 times faster (versus EOT)
- Alternative for creasing. Folding and bending lines into cardboard
- High-quality perforated cuts
- Several knives available

Ideal for cutting

- Folding carton
- Corrugated board
- Polypropylene film

Knives

500-9890 |
Perforation Knife
1 x 1 mm
D 1.1 mm

500-9891 |
Perforation Knife
1.7 x 1.7 mm
D 1.1 mm

500-9893 |
Perforation
Knife 5 x 5 mm
D 4 mm

500-9892 |
Perforation Knife
3 x 3 mm D 4 mm

Electronic Oscillating Tool | EOT

Cut soft and medium density materials such as corrugated board and foam up to 18 mm thick. The EOT is driven by an electric motor, producing up to 12,000 rpm and moves a knife up and down over a stroke of 1 mm.

Strongest features

- Powerful cutting tool
- High processing speeds
- Low maintenance

Ideal for cutting

- Corrugated BC-B-C-E Flute ≤ 10 mm
- Foamcore ≤ 10 mm
- Honeycomb board ≤ 10 mm
- Gaskets

Blades

500-9800 - EOT L25 Knife 65°
Max cutting thickness (with gliding disk) - 5 mm
Max cutting thickness (without gliding disk) - 5 mm

500-9810 - EOT L25 Knife 65° - 80°
Max cutting thickness (with gliding disk) - 5 mm
Max cutting thickness (without gliding disk) - 11 mm

500-9811 - EOT L25 Knife 65° - 85°
Max cutting thickness (with gliding disk) - 5 mm
Max cutting thickness (without gliding disk) - 11 mm

500-9815 -EOT L33 Knife 45° - 85°
Max cutting thickness (with gliding disk) - 13 mm
Max cutting thickness (without gliding disk) - 19 mm

500-9813 - EOT L25 Knife 0° - 75°
Max cutting thickness (with gliding disk) - 5 mm
Max cutting thickness (without gliding disk) - 6 mm

500-9814 -EOT L38 Knife 45° - 86°
Max cutting thickness (with gliding disk) - 18 mm
Max cutting thickness (without gliding disk) - 24 mm

500-9812 - EOT L28 Knife 65° - 85°
Max cutting thickness (with gliding disk) - 8 mm
Max cutting thickness (without gliding disk) - 14 mm

Pneumatic Oscillating Tool | POT

The standard Pneumatic Oscillating Tool, powered by compressed air, moves its knife up and down over a stroke of 8 mm. The robust construction of the tool makes it suitable to cut thick material, such as honeycomb board, corrugated board, and foam board.

Strongest features

- High-performance cutting tool
- High processing speeds
- Availability of longer knife

Ideal for cutting

- Corrugated board
- Packaging Foam
- Honeycomb board ≥ 10 mm
- Papercore board
- Foamboard with plastic
- Rubber

Blades

500-9830 - POT Knife Flat Point L20 T0.63
Max cutting thickness - 18 mm

500-9831 - POT Knife Flat Point L27 T0.63
Max cutting thickness - 25 mm

500-9832 - POT Knife Flat Point L20 T1.5
Max cutting thickness - 18 mm

500-9833 - POT Knife Serrated L27 T1.0
Max cutting thickness - 25 mm

500-9834 - POT Knife Point L20 T1.0*
Max cutting thickness - 16 mm
*Extra protective mat recommended

Pneumatic Oscillating Tool - Long | POT-L

The Pneumatic Oscillating Tool-L (POT-L) is an addition to the standard POT and is used with a longer type of knife. The POT-L is able to process thick, soft foams with a maximum thickness up to 42 mm. The robust construction of the tool makes it suitable to cut material, such as honeycomb board, corrugated board and foam board.

Strongest features

- High-performance cutting tool
- High processing speeds
- Availability of longer knife

Ideal for cutting

- Packaging Foam > 20 mm
- Honeycomb board
- Papercore board
- Rubber

Blades

500-9835 - POT-L Knife L50 T1.0*
Max cutting thickness - 42 mm
*POT-L Tool Only

DRAG MODULE

Included as standard with every F Series model, the Drag Module applies up to 600 g of downforce for high-precision work. Whether making detailed notations with pens or performing kiss-cutting with a drag knife, it's the perfect starting point for versatile and precise production.

Ideal for cutting

- Paper < 200g
- Adhesive vinyl
- Sandblast material
- Window film

Drag Knife Tool

With 600 g of force, this tool is ideal for kiss-cutting a wide range of adhesive vinyls.

Strongest features

- Fast and precise
- Pinpoint kiss-cutting for easy weeding

391-231 - Drag Knife - 60°
Max cutting thickness - 0.6 mm

391-358 - Drag Knife - 55°
Max cutting thickness - 0.8 mm

391-360 - Standard Knife 36°
Max cutting thickness - 0.25 mm

Ballpoint Tool & Universal Pen Holder Tool

The pen tool can precise draw on various materials, using either our own brand of pens or a variety of third-party pencils and pens.

Strongest features

- Precise drawing on various material types

Pens

395-430
Ballpoint tool
Black / Blue

Pen Holders

Universal Pen Holder / Black
accepts pen/pencils from 6.5 mm to 10 mm in diameter

Universal Pen Holder / Copper
accepts pen/pencils from 9.5 mm to 11 mm in diameter

ROTARY MODULE

The High-Torque Rotary Module offers exceptional cutting strength for all types of textiles. Thanks to its extra rotational power, it can also handle tougher, thicker materials like banner fabrics with clean, effortless cuts.

Ideal for cutting

- Polyester textile
- Laminated textile
- Canvas
- Fleece
- Technical textiles

Take your textile production to the next level with the High Torque Rotary Module (HTRM).

Textiles typically offer less grip on a flatbed vacuum table, but the HTRM minimizes horizontal force, keeping even the most porous materials securely in place. The result? Clean, accurate cuts and effortless processing of challenging textile applications.

Strongest features

- Rotary blade reduces drag on material
- Motor-driven blade for reliable cutting
- Clean, precise cuts of all textile types

Decagonal Knives

500 - 9860
Decagonal Knife D25
Max cutting thickness - 1.5 mm

500 - 9861
Decagonal Knife D28
Max cutting thickness - 3 mm

500 - 9862
Decagonal Knife D32
Max cutting thickness - 5 mm

STANDARD ROUTER MODULE

With its 1400w motor and 25,000 RPM, the Standard Routing Module is built to tackle a broad range of rigid materials commonly used in the graphic and sign industries. Its smooth, precise cutting performance handles everything from hard foam PVC and acrylic to aluminium-covered foam boards, wood, and MDF.

Ideal for cutting

- Corrugated PP Board
- Polycarbonate
- MDF
- Plexi
- ACP/ACM
- Foamcore with PVC liner

If you're aiming to grow your business, you need a cutting system that's ready for anything. Whether it's 1,000 magnetic stickers, promotional boards, or signage cut from plexi or MDF, you need power, precision, and reliability.

Strongest features

- Routing, engraving & polishing
- Processes a wide range of substrates
- Efficient dust extraction for clean operation (optional vacuum cleaning kit)
- Excellent edge finishing
- Availability of various bits

Routing Bits

500-9850 - Routing Bit D3/3 L38/11 1Fl UC

500-9852 - Routing Bit D4/4 L50/12 1Fl UC

500-9863 - Routing Bit D6/10 L50 90° B 2FL

500-9864 - Routing Bit D6/6 L50/22 2FL UC/DC

HF ROUTER MODULE

The High- Frequency Routing Module is designed for speed and precision and features a powerful spindle that achieves processing up to 45,000 RPM. It also creates exceptionally smooth finishes on rigid substrates.

Ideal for cutting

- Corrugated PP Board
- Polycarbonate
- MDF
- Plexi
- ACP/ACM
- Foamcore with PVC liner
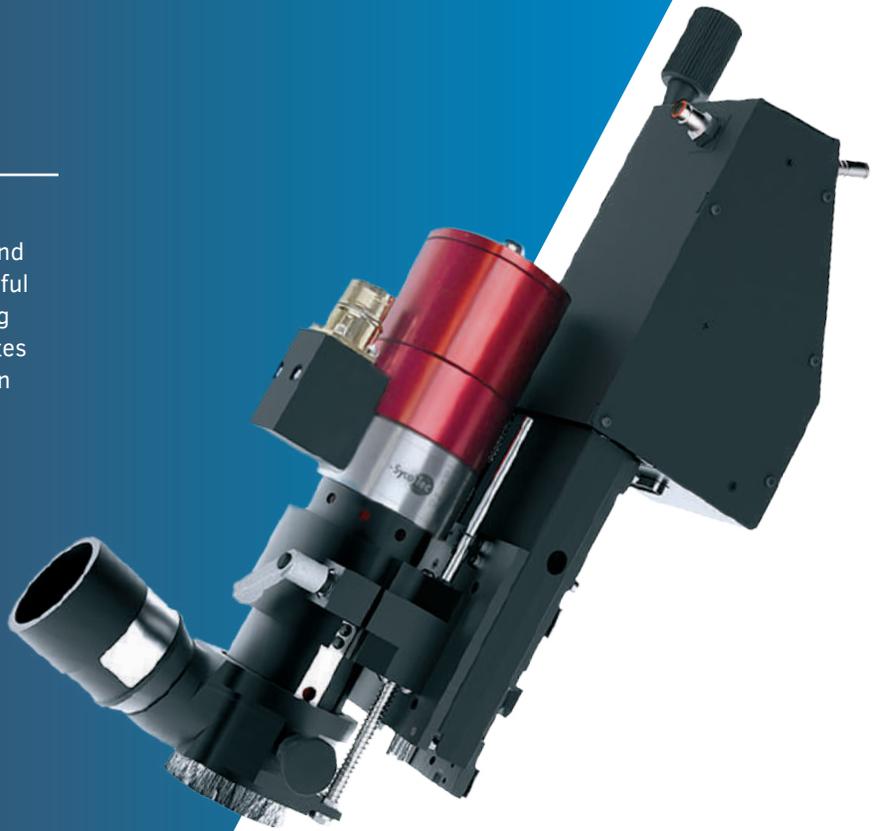
Built for high-production environments, the High Frequency Router Module is the go-to choice for processing tough, rigid materials quickly and efficiently. Its high-frequency spindle delivers exceptional performance and superior edge finishing, making it the ideal tool when speed, precision, and high output matter most.

Strongest features

- Maximises productivity
- Higher processing speeds
- Robust, reliable construction
- Impeccable edge finishing

- Efficient dust extraction for clean operation (optional vacuum cleaning kit)
- Availability of various bits

Routing Bits

500-9854 - HF Routing Bit D6/3 L50/06 MP 1Fl UC

500-9856 - HF Routing Bit D6/4 L50/12 MP 1Fl UC

500-9859 - HF Routing Bit D6/6 L50/14 POLISHING

500-9857 - HF Routing Bit D6/6 L50/12 MP 1Fl UC BAL

500-9858 - HF Routing Bit D6/6 L58/22 MP 1Fl UC BAL

TOOL APPLICATION
OVERVIEW

	DRAG MODULE	STANDARD ROUTING MODULE	HF ROUTING MODULE	HIGH TORQUE ROTARY MODULE	KISS-CUT TOOL	SINGLE EDGE CUTOUT TOOL	BEVEL CUT TOOL	DOUBLE EDGE CUTOUT TOOL	HEAVY DUTY CUTOUT TOOL	CORRUGATED TOOL	EOT	POT	POT-L	PERFORATING TOOL
RECOMMENDED / **ALTERNATIVE**							TANGENTIAL MODULE							
PAPER-BASED MATERIALS														
Paper < 200 gsm					R	R		R						
Folding carton 300-500 gsm						R		R	R	R				R
Corrugated single flute 1-4 mm										R	R	A		R
Corrrugated Double Flute 4-8 mm											A	R		
Honeycomb board < 10 mm											R			
Honeycomb board ≥ 10 mm												R	A*	
COMPOSITES														
Foamcore with paper liner						A	A	A	R	R				
Foamcore with HIPS liner		R	R											
Foamcore with PVC liner		R	R											
ACP/ACM		R	R											
SYNTHETIC MATERIALS														
Corrugated PP board ≤ 8 mm									A	R				
Corrugated PP board > 8 mm		R	R									A	A*	
Expended PVC board ≤ 8 mm		R	R											
Expended PVC board > 8 mm		R	R											
Polypropylene sheets ≤ 1,2 mm					R	A		A	A	R				A
Polycarbonate ≤ 0,6 mm					R			A	A					
Polycarbonate > 1 mm		R	R											
Plexi		A	R											
PET < 1,2 mm									A	R				
PET < 2 mm		A	R											
ROLL MATERIALS														
Adhesive vinyl	R				R			R	A	R				
Banner				R	R		A	R	A					
Protective sheeting					R									
Reflective sheeting					R			R						
Magnetic sheeting					A	A		R						
WOOD														
MDF		R	R											
Plywood		R	R											
Natural Hardwood		R	R											
TEXTILES														
Woven polyester				R										
Laminated Fabrics				R										
Canvas				R										
INDUSTRIAL MATERIALS														
Varnish blankets									A	R				
Gasket							A			R	R	R		
Insulation foam							R						A*	
Rubber											R		A*	
*min. thickness 20 mm														

	V CUT TOOL 0	V CUT TOOL I5	V CUT TOOL 22,5	V CUT TOOL 30	V CUT TOOL 45	"CREASING TOOL D25 R3 W8"	"CREASING TOOL D25 RI,5 W8"	"CREASING TOOL D25 R0,75 WI,5"	"CREASING TOOL DI5 R0,35 W0,7"	"CREASING TOOL DI5 R0,I7 W0,35"	"CREASING TOOL D50 RI,5"
RECOMMENDED / **ALTERNATIVE**					TANGENTIAL MODULE						
PAPER-BASED MATERIALS											
Paper < 200 gsm								■ (alt)	■ (rec)		
Folding carton 300-500 gsm								■ (rec)	■ (alt)		
Corrugated single flute 1-4 mm								■ (alt)			■ (rec)
Corrrugated Double Flute 4-8 mm						■ (alt)	■ (alt)				■ (rec)
Honeycomb board < 10 mm	■	■	■	■	■						
Honeycomb board ≥ 10 mm	■	■	■	■	■						
COMPOSITES											
Foamcore with paper liner	■	■	■	■	■						
Foamcore with HIPS liner											
Foamcore with PVC liner											
ACP/ACM											
SYNTHETIC MATERIALS											
Corrugated PP board ≤ 8 mm											
Corrugated PP board > 8 mm											
Expended PVC board ≤ 8 mm											
Expended PVC board > 8 mm											
Polypropylene sheets ≤ 1,2 mm										■ (rec)	
Polycarbonate ≤ 0,6 mm											
Polycarbonate > 1 mm											
Plexi											
PET < 1,2 mm										■ (rec)	
PET < 2 mm											
ROLL MATERIALS											
Adhesive vinyl											
Banner											
Protective sheeting											
Reflective sheeting											
Magnetic sheeting											
WOOD											
MDF											
Plywood											
Natural Hardwood											
TEXTILES											
Woven polyester											
Laminated Fabrics											
Canvas											
INDUSTRIAL MATERIALS											
Varnish blankets											
Gasket											
Insulation foam											
Rubber											

* min. thickness 20 mm

MEDIA HANDLING &
WORKFLOW AUTOMATION

The Summa F Series flatbed systems are designed to take your cutting workflow to the next level with a range of intelligent, efficient media handling features. Many of these come seamlessly integrated, while others can be retrofitted at any time, giving you the flexibility to grow as your needs evolve.

Maximize production efficiency, minimize operator intervention, and streamline your entire process with our extensive selection of media handling add-ons and options. With the F Series, you can easily scale up operations—even add another shift—while ensuring your workflow remains optimized and future-ready.

Standard-included Media Handling Features

The F Series flatbed cutters come equipped with a variety of standard media handling features, included with every model to ensure smooth and efficient operation. In addition, a selection of model-specific add-ons is available to further enhance operator convenience and boost productivity. For a detailed overview of the media handling options available for each model, refer to the product sheets.

1. Conveyor System

Boost productivity and efficiency with our Conveyor System, designed for seamless processing of long production runs. It cuts, creases, and annotates large lengths of flexible materials, automatically transporting cut parts away from the working area. This system allows you to produce jobs longer than the flatbed cutter's work surface, making it ideal for high-volume, continuous production.

2. Media Advance Clamps

Ensure precise, uninterrupted workflow with our pneumatically driven Media Advance Clamps. These clamps securely hold materials in place while pulling them forward, enabling continuous operation for panel-based jobs or processing multiple projects at the same time.

3. Roll Support System

When used with the Conveyor System and Media Advance Clamps, the Roll Support System provides smooth, efficient handling of roll materials. It's the perfect solution for consistent, high-quality results when working with roll-based production.

4. Vacuum Table

Achieve superior stability with our Vacuum Table, which generates powerful hold-down force to keep materials firmly in place during cutting. The automatic vacuum selector adjusts suction to match the active working area. For smaller jobs, customizable vacuum zones can be switched on or off, giving you complete control and flexibility for every project.

1. Conveyor System

2. Media Advance Clamps

4. Vacuum Table

3. Roll Support System

Optional Media Handling Features
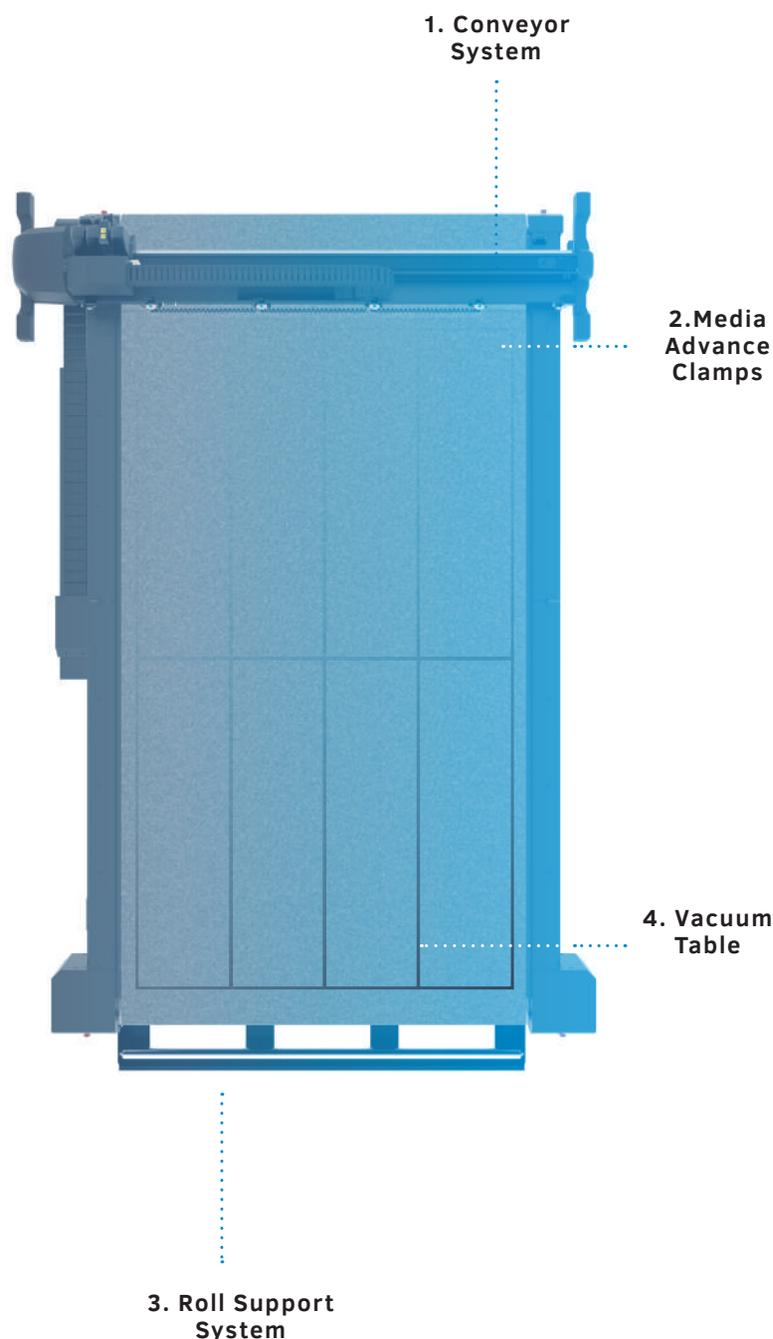
Basket

The Basket is a useful accessory designed to reduce media handling time and keep your workspace organized. The cutter processes several feet of material automatically while the basket collects cut vinyl and waste material. Enjoy an efficient cutting workflow with a clean, clutter-free environment.

Available for: F1612, F1625, F1432

Sheet Feed 75

When you need to cut a large volume of B1 or smaller sheets, manual handling is not the way to go. With the Sheet Feed 75, automation takes over, allowing you to process stacks of sheets quickly, efficiently, and without the hassle of doing it by hand.

Available for: F1612, F1625

Extension Tables for Continuous Sheet Feed

Sturdy, foldable Extension Tables can be placed at the front and back of the cutter. This makes it possible to process board materials longer than the machine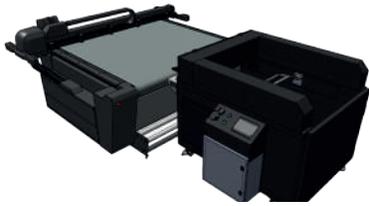's working area. Add to this the Continuous Sheet Feed feature and operators can load and unload materials while cutting, eliminating idle time and increasing productivity.

Available for: F1612, F1625

Roll-Up System

The Roll-Up System automatically rewinds kiss-cut materials into a neat roll, allowing the cutter to operate unattended while keeping the workspace tidy. When cutting through, it works seamlessly with the basket or extension tables. The roll-up collects waste material while finished pieces are gathered separately, and the rolled output is easily accessible for trolleys or heavy-duty handling tools.

Available for: F1612, F1625

Conveyor Extension

Thanks to the conveyor extension, the flatbed makes light work of cut designs, that are much larger than their actual cutting area. Once the first part of the job is completed, the conveyor feeds the cut material to the extended front where it can be removed easily and safely, while the machine is cutting the next part. This minimises downtime considerably. *Note: All existing F1612 units in the field can be upgraded with this option.*

Available for: F1612

Media Clamp Bar

The Media Clamp Bar is positioned between the advanced media clamps. Instead of applying pressure directly on specific clamp points, it redistributes that pressure evenly across the entire bar. This prevents the clamps from leaving visible marks on the media. It is particularly effective for soft materials such as foams, and it also helps ensure better stability when the conveyor moves, especially with textiles and narrower sheets where traditional clamps may not provide sufficient grip.

Available for: F1612, F1625, F1432, F1832, F3220, F3232

Heavy-Duty Roll Support

The Heavy-Duty Roll Support (HDRS) ensures smooth, precise handling of heavy rolls on wide-format flatbeds. Ideal for thick banner materials, wide non-stretchable textiles, and lightly stretchable rolls. It easily manages loads up to 200 kg, guaranteeing straight, effortless feeding for consistent, high-quality cutting results.

Available for: F1832, F3220, F3232

BRING YOUR
DESIGNS TO LIFE

Workflow Automation

The F Series flatbed cutters are designed to streamline your cutting workflow, adapting seamlessly to your specific business needs. With multiple built-in workflows, they deliver exceptional ease of use, reduce operator intervention, and significantly boost productivity. All workflows listed below come standard with every F Series model.

Operator Zone

Enhance safety and efficiency with the Operator Zone feature. The F Series working area is divided into two sections: a dedicated cutting zone and a safe operator zone. The conveyor system automatically moves cut materials forward, allowing operators to access finished pieces safely at the front without interrupting production.
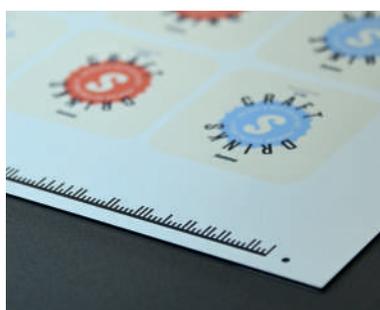
Barcode Workflow

Streamline production with Barcode Workflow. Certain RIP software prints barcodes with OPOS marks to identify each job and instantly retrieve cut data. Summa offers two options: automatic scanning with the F Series built-in camera for continuous, hands-free operation, or manual scanning with a hand scanner for flexible job switching. This workflow is included in the GoProduce Pro Pack software.
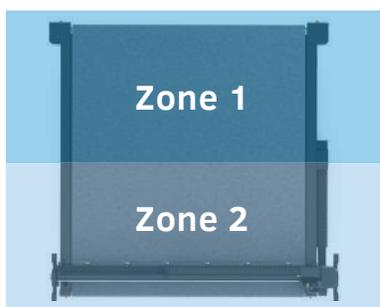
Tandem Workflow

Tandem Mode divides the flatbed into front and rear working zones, maximizing productivity. While the machine cuts material on one end, you can load or unload material on the other, keeping production continuous. This eliminates idle time and delivers a faster, more efficient workflow with greater overall value.

Twin Workflow

Boost productivity and flexibility by combining a Summa roll cutter with an F Series flatbed cutter. Kiss-cut on the roll cutter and cut through on the flatbed cutter for seamless integration, maximizing efficiency, performance, and profitability in your finishing workflow.

F Performance

Put your machine in F Performance mode and boost your productivity by up to 40%. Experience faster cutting head movements and significantly quicker material feeding, delivering outstanding speed, especially with the Kiss-cut tool. Complete jobs nearly twice as fast while maintaining the same exceptional precision and quality.

Workflow Compatibility

The Workflow Compatibility of the Summa GoProduce software ensures a seamless fit into existing workflows. The software offers flexible data import and is supported by the following RIP manufacturers:

RIP manufacturers:
Agfa Asanti
Cadlink RIP
Caldera RIP
ColorGATE RIP
ErgoSoft PosterPrint
ErgoSoft TexPrint
GMG Production Suite
ONYX RIP
Wasatch RIP
SAI- FLEXI
Fiery
Inédit

Packaging Software Compatibility:
Arden
Picador

1. Prepare design   **2. Print & setup**   **3. Finish**

RIP

BARCODE SCANNING

CAMERA RECOGNITION

F SERIES™
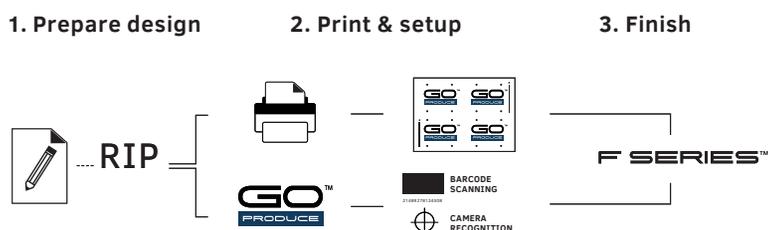
"WITH THE F1612 FLATBED CUTTER, THE JOB IS DONE IN AN INSTANT."

Company: TrafficSupply
Core business: Traffic signs
Challenge: Keep up with demand
Solution: Summa F1612

The Story | A typical F1612 workflow starts with a simultaneous setup of the print and cut file. As soon as the printing and lamination part is finished, the roll with reflective foil is placed onto the roll-up system. Then advanced by the conveyor onto the F1612 flatbed cutter surface.

Subsequently, the cutter reads the barcode printed on the design and starts processing the correct file. By scanning the registration marks the cutter knows exactly how the roll is positioned onto the table – compensates if necessary – and starts to cut. Fast and efficiently.

"If we hadn't purchased the F1612, we would've needed to employ more staff. With the F1612, **the job is now done in an instant**. Precise, rapid, and straightforward."

/ TrafficSupply about F1612

SUMMA IN-HOUSE
DEVELOPED SOFTWARE

The Summa GoSuite software platform is built in-house to help you get the most out of your cutting workflow. Designed with operators, designers, and business owners in mind, it offers the tools to effortlessly process and analyze complex, high-volume jobs with precision, efficiency, and speed.

Harness the power of GoSuite to unlock the full potential of your Summa cutting equipment, streamline and automate operations, and drive productivity to new heights.

Summa GoProduce™

GoProduce is designed to make operating the F Series smooth and simple. With its sleek, modern interface and intuitive navigation, GoProduce empowers operators to manage jobs quickly and efficiently. Every feature is built for speed and ease, ensuring you can focus on producing high-quality results with total confidence.

- Modern interface
- Improved navigation
- Quick and intuitive
- Windows-based

- Standard included
- Pro Pack available
- 30-day Trial available

Key Features (standard included)

Material Manager
enables you to choose your material while the software automatically sets the correct tool.

Sorting
optimizes cutting paths for an efficient and time-saving cutting sequence.

Camera Recognition
lets you track and process registration marks with ease in the camera preview window..

Compensation Modes
let you choose from five distinct modes tailored to your preferred printing style and material type.

Action Sets
allow you to automate tasks into one-click workflows.

Back Side Cutting
protects the printed surface of your media for a flawless result.

How to get started

Choose the functionalities you need and discover the software with a free 30-day trial on our website.

Knowledge Base:
Frequently asked questions have been bundled and answered by Summa experts in a knowledge database. Gradually, we will be extending the database with more tutorials, service-related topics and useful tips & tricks.

Also, various tutorials are created to support you in the installation and use of Summa GoProduce.

TIP | Watch all GoProduce tutorials on Summa's Youtube page.
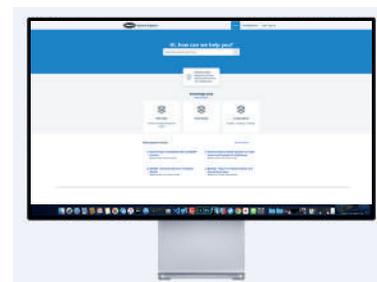
GoProduce™ Pro Pack

Upgrade your workflow with the optional GoProduce Pro Pack, designed to give you access to powerful, time-saving features with a focus on automation. Just like the standard GoProduce software, the Pro Pack will continue to grow with new functionalities, ensuring your system stays ahead of evolving production needs.

Hot folder support
The hot folder functionality lets users import jobs even faster and easier. Simply drop the files into a designated folder, and GoProduce will open them automatically, saving time and reducing manual steps.

Twin Workflow
Twin Workflow gives GoProduce the ability to read cutting files prepared for Summa roll cutters, making your production process smoother and more versatile. This feature allows you to kiss-cut on your vinyl cutter and thrucut on your flatbed in a single, streamlined workflow.

Barcode functionality
The cutter scans the barcode and automatically retrieves the correct cut file, ensuring precision with every job. This feature allows you to cut multiple different designs in sequence without interruptions, keeping production smooth, fast, and error-free.

GoProduce	GoProduce Pro Pack
Standard available on www.Summa.com	**One-time Pro version purchase**
• Custom configuration of action sets	• Custom configuration of action sets
• Registration of square / round marks	• Registration of square / round marks
• Material manager	• Material manager
• Job log functionality	• Job log functionality
• Cut-off between jobs	• Cut-off between jobs
• Tool priority selector	• Tool priority selector
• Remote controller	• Remote controller
• Weedbox functionality	• Weedbox functionality
• Back side cutting edge-detection	• Back side cutting edge-detection
	• Barcode functionality
	• Hot folder support
	• Twin X - Import plot files

Axis Control™

Take full control of your Summa cutting table with Axis Control™, the intuitive software designed for seamless operation. Its streamlined touchscreen interface puts every function right at your fingertips, making setup and adjustments faster and easier than ever.

Enhance flexibility with the optional wireless controller, giving operators the freedom to move around the table while fine-tuning basic settings to boost efficiency and productivity.

*Summa Axis Control is standard included with every flatbed purchase

Key features
- Machine operating software
- Easy calibration of tools
- Optimising vacuum zone

Packlib for Summa: Your Smart Packaging Design Solution

Unlock limitless packaging possibilities with PLM Packlib for Summa, a comprehensive library of resizable, ready-to-use packaging designs. Featuring the most popular industry standards - FEFCO (corrugated cardboard) and ECMA (folding carton) - plus a selection of POS displays and solid cardboard designs for furniture and more, PLM Packlib equips you with everything you need to create stunning, functional packaging.

*PLM Packlib is a program from TreeDim known by 'Picador' software.

With parametric dimensions and material thickness settings, you can generate precise cutting and folding lines in just a few clicks. Export your designs directly as layered Illustrator files, ready for adding graphics, or create OXF files optimized for GoProduce, streamlining your production workflow from start to finish.

Download Summa's packaging library today at www.summa.com and take your packaging design to the next level.
For advanced packaging features or dedicated support, contact TreeDim at support@treedim.com.

Register Your Summa Products for Exclusive Benefits

Summa encourages all users to register their products online. By registering, you can unlock powerful features such as F-Performance, barcode functionality, and more. During registration, you can also opt in to receive our monthly newsletter, keeping you informed about the latest products, features, and updates that can enhance your cutting equipment.

Registering is quick and easy. Visit the Summa website to get started and make the most of your Summa products.

Discover Real Experiences with Summa Cutting Solutions

Our customer stories showcase a wide range of real-world experiences from end users who work with Summa cutting equipment every day. These stories reveal the many reasons why a Summa product can be the game-changer you need to take your cutting workflow to the next level.

Unlike traditional brochures or product sheets, customer stories provide authentic insights into how our solutions perform in real production environments. They highlight the true benefits of Summa equipment through the voices of those who rely on it daily.

Visit our blog to explore these inspiring stories and discover how others are creating innovative, striking applications with their Summa equipment.

Testimonial | Alfa Press

"WITHIN A FEW MONTHS, WE ALREADY COULDN'T IMAGINE HOW WE EVER WORKED WITHOUT THIS MACHINE"

Company: Alfa Press
Core business: Signage & Display
Challenge: Accurate & fast cutting
Solution: Summa F1832

The Story | Before investing in their first Summa flatbed cutter, Alfa Press faced workflow inefficiencies and material management challenges, with cutting done using an XY cutter that was slow and inaccurate. The purchase of the Summa F1832 flatbed cutter proved to be a breakthrough, allowing them to cut a wide variety of materials with precision and speed. Equipped with multiple tools and a barcode workflow licence, Alfa Press can now handle projects of all sizes efficiently, delivering everything from posters and stickers to complete POS packages for over 250 retail locations. The result is greater productivity, flexibility, and cost savings, making the F1832 an indispensable part of their daily workflow
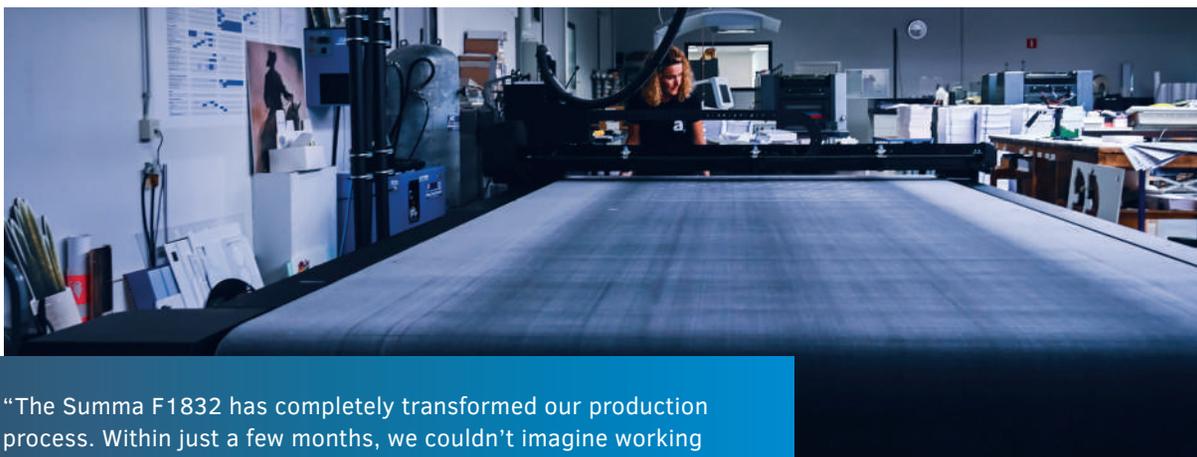
"The Summa F1832 has completely transformed our production process. Within just a few months, we couldn't imagine working without it. Its precision and versatility have allowed us to take on projects of all sizes with greater speed and efficiency. Thanks to this cutter, we save time, reduce costs, and deliver exceptional results to our customers every single day."

/ Melanie Schotte, Director at Alfa Press

TECHNICAL SPECIFICATIONS

Model	F1612	F1625	F1432
Dimensions	247 x 220 x 110 cm (97" x 86" x 43)	247 x 333 mm (97.2" x 131.1")	230 x 422 x 122 cm (97" x 86" x 43)
Media Width	Up to 165 cm (65")	Up to 165 cm (65")	Up to 134 cm
Working Area	160 x 120 cm (63" x 47")	160 cm wide x 250 cm long (63 x 98")	136 x 320 cm (53" x 126")
Vacuum	1.3 kW (50Hz) / 1.75 kW (60Hz)	2 x 1.3 kW (50Hz) Or 2 x 2 kW (60Hz)	2.2 kW (50Hz) / 2.55 kW (60Hz)
Vacuum Zones	4 zones (4 columns)	4 columns x 2 rows	6 zones (2 rows x 3 columns)
Requirements	Standard: 3 x 400V + N, 50Hz, max 20A Or: 3 x 208V + N, 60Hz, max 30A Or: 3 x 230V, 50Hz, max 20A	Standard: 3 x 400V+ N, 50Hz, max 30A Or: 3 x 208V+ N, 60Hz, max 30A Or: 3 x 230V, 50Hz/60Hz, max 30A	Standard: 3 x 400V + N, 50Hz, max 30A Or: 3 x 208V + N, 60Hz, max 30A Or: 3 x 230V, 50Hz, max 30A

Model	F1832	F3220	F3232
Dimensions	279 x 422 x 122 cm (110 x 166 x 48")	422 x 313 x 122 cm	422 x 422 x 122 cm
Media Width	Up to 190 cm (75")	Up to 332 cm (131")	Up to 332 cm (131")
Working Area	184 x 320 cm (72" x 126")	327 x 210 cm (128.7" x 82.6")	327 x 320 cm (128.7" x 82.6")
Vacuum	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)	2 x 2.2 kW (50Hz) / 2 x 2.55 kW (60Hz)
Vacuum Zones	8 zones (2 rows x 4 columns)	7 zones (1 row x 7 columns)	14 zones (2 rows x 7 columns)
Requirements	Standard: 3 x 400V + N, 50Hz, max 30A Or: 3 x 208V + N, 60Hz, max 30A Or: 3 x 230V, 50Hz, max 30A	Standard: 3 x 400V + N, 50Hz, max 30A Or: 3 x 208V + N, 60Hz, max 30A Or: 3 x 230V, 50Hz, max 30A	Standard: 3 x 400V + N, 50Hz, max 30A Or: 3 x 208V + N, 60Hz, max 30A Or: 3 x 230V, 50Hz, max 30A
All standard solutions incl	• F Series Flatbed System • Conveyor System • Pneumatic Media Clamps • Roll Support • Camera System • Axis Control Software • Drag Module • ADC Right • ADC Left • GoProduce software • Speed: up to 1000 mm/sec • Acceleration: Up to 1G		

F1612   F1625   F1432   F1832   F3220   F3232

Order codes: Consumables

Drag Module

391-332	Drag Knife Holder for 36° & 60°
9TL89-67041	Standard Drag Knives - 36° (5x)
391-231	Drag Knife - 60o
391-358	Drag Knife - 55°
391-360	Drag Knife - 36°
395-430	Roller Ball Pens - Black (5x)
395-431	Roller Ball Pens - Blue (5x)
395-434	Pen Holders

Tangential Module - Blades

390-534	Standard Tangential Knife - 36° (5x)
390-550	Sandblast Tangential Knife - 60°
390-551	Double Tip Tangential Knife - 36°
390-560	Tangential Knife 45° Wedge 40/25°
390-553	Knife Install Tool
395-348	Nose Piece for 36°
500-9801	Single Edge Cutout Knife - 65°
500-9802	Double Edge Cutout Knife - 50°
500-9803	Double Edge Cutout Knife - 60°
500-9804	Double Edge Cutout Knife - 50° / Burr- Free
500-9807	Heavy-Duty Cutout Knife - 45° / 90°
500-9820	Symmetrical Coated Corrugated Knife up to 5 mm - 50°
500-9821	Symmetrical Coated Corrugated Knife up to 8 mm - 65°
500-9822	Burr-free Coated Corrugated Knife up to 5 mm - 50°
500-9825	V-Cut Blade - 0.9 mm (5x)
500-9826	V-Cut Blade - Hard Metal
500-9827	Burr-free Bevel Cut knife
500-9829	Symmetrical Bevel Cut knife
500-3303	Gliding Disk Single Sided Knife
500-3315	Gliding Disk Double Sided Knife
500-9890	Perforation Knife 1x1 mm D1.1mm (12TPI)
500-9891	Perforation Knife 1.7x1.7 mm D1.1mm (8TPI)
500-9892	Perforation Knife 3x3 mm D4mm (4TPI)
500-9893	Perforation Knife 5x5 mm D4mm (3TPI)

Electronic Oscillating Tool / EOT

500-3313	Knife Guide for EOT
500-9800	EOT Knife L25 - 65°
500-9810	EOT Knife L25 - 65° - 80°
500-9811	EOT Knife L25 - 65° - 85°
500-9812	EOT Knife L28 - 65° - 85°
500-9813	EOT Knife L25 - 0° - 65°
500-9814	EOT Knife L38 - 45° - 86°
500-9815	EOT Knife L33 - 45° - 85°

Pneumatic Oscillating Tool POT / POT-L

500-9830	POT Knife Flat Point L20 T0.63 (3x)
500-9831	POT Knife Flat Point L27 T0.63 (3x)
500-9832	POT Knife Flat Point L20 T1.5 (3x)
500-9833	POT Knife Serrated L27 T1.0 (3x)
500-9834	POT Knife L20 T1.0 (3x)
500-9835	POT-L Knife L50 T1.0 (3x)

High Torque Rotary Module

500-9860	Decagonal Knife D25 (3x)
500-9861	Decagonal Knife D28 (3x)
500-9862	Decagonal Knife D32 (3x)

Routing System

500-9850	Routing Bits D3/3 L38/11 1Fl UC (3x)
500-9852	Routing Bits D4/4 L50/12 1Fl UC (3x)
500-9863	Routing Bits D6/10 L50 90° B 2Fl (2x)
500-9864	Routing Bits D6/6 L50/22 2 Fl UC/DC (2x)
500-9854	HF Routing Bits D6/3 L50/06 MP 1Fl UC (3x)
500-9856	HF Routing Bits D6/4 L50/12 MP 1Fl UC (3x)
500-9857	HF Routing Bits D6/6 L50/12 MP 1Fl UC BAL (3x)
500-9858	HF Routing Bits D6/6 L58/22 MP 1Fl UC BAL (3x)
500-9859	HF Routing Bit D6/6 L50/14 / POLISHING (1x)
	Complete bit overview of Summa:
	www.Summa.com/pdf/summa-router-bits-overview
500-0241	3 mm Collet for 1050 Kress
500-0242	4 mm Collet for 1050 Kress
500-0243	6 mm Collet for 1050 Kress
500-0244	8 mm Collet for 1050 Kress
500-9379	6 mm Collet for HF Router

Accessories

500-9347	Vacuum Cleaner Bag for Hercules (5x)
500-9348	Filter for Hercules
500-9349	Carbon Filter for Hercules
500-9332	Vacuum Cleaner Bag for 500-9331 (5x)
500-9202	Remote Controller Pack
1nc40-67034	Set of 2 Core Holders 3"

Please contact your dealer for the complete list

Order codes: Hardware

F1612-31	Media Handling Add-Ons
500-9120	Basket
500-9121	Extension Table
500-9122	Roll-up
500-9140	Conveyor Extension Front
500-9425	Sheet Feed 75
500-9414	Media Clamp Bar Kit

F1625-42	Media Handling Add-Ons
500-9120	Basket
500-9122	Roll-up
500-9425	Sheet Feed 75
500-9414	Media Clamp Bar Kit
500-9121	Extension Table

F1432-31	Media Handling Add-Ons
500-9120	Basket
500-9415	Media Clamp Bar Kit

F1832-31	Media Handling Add-Ons
500-9412	Heavy Duty Roll Support
500-9413	Media Clamp Bar Kit

F32XX-31	Media Handling Add-Ons
500-9410	Heavy Duty Roll Support
500-9411	Media Clamp Bar Kit
500-9120	Basket **Note**: Basket for the F3232 / F3220 has to be ordered twice!

F1432-31, F3220-31	F1832-31, F3232-31	Miscellaneous Options
500-9165	500-9155	Kit Pump Connection 12m
500-9166	500-9156	Kit Pump Connection 25m

All F Series	Modules
500-9300	Drag Module
500-9310	Tangential Module
500-9361	High Torque Rotary Module
500-9330	Routing System (F1612)
500-9357	Routing System (F1330)
500-9354	Routing System (F1832)
500-9363	Routing System (F3220)
500-9362	Routing System (F3232)
500-9372	HF Routing System (F1612)
500-9371	HF Routing System (F1330)
500-9373	HF Routing System (F1832)
500-9375	HF Routing System (F3220)
500-9374	HF Routing System (F3232)

All F Series	Tools for Tangential Module
500-9311	Kiss Cutting Tool
500-9312	Single Edge Cutout Tool
500-9313	Double Edge Cutout Tool
500-9314	Heavy-Duty Cutout Tool
500-9321	Corrugated Tool
500-9324	Creasing Tool D50 R1.5
500-9325	Creasing Tool D25 R3 W8 H7
500-9326	Creasing Tool D25 R1.5 W8 H5.5
500-9327	Creasing Tool D25 R0.75 W1.5 H1.5
500-9328	Creasing Tool D15 2pt
500-9329	Creasing Tool D15 1pt
500-9340	V-Cut Tool - 0°
500-9341	V-Cut Tool - 15°
500-9342	V-Cut Tool - 22.5°
500-9343	V-Cut Tool - 30°
500-9344	V-Cut Tool - 45°
500-9315	Perforating Tool
500-9320	Electronic Oscillating Tool
500-9350	Pneumatic Oscillating Tool
500-9358	Pneumatic Oscillating-Long Tool (POT-L)

All F Series	Mats And Belts
500-9114	Conveyor Belt Kit (F1612)
500-9115	Protective Mat (F1612)
500-9118	Conveyor Belt Kit Extended (F1612)
500-9153	Conveyor Belt Kit (F2630)
500-9154	Protective Mats (F2630)
500-9189	Conveyor Belt Kit (F1432)
500-9333	Routing Mat (F1612)
500-9163	Conveyor Belt Kit (F1330)
500-9164	Protective Mats (2x) (F1330)
500-9336	Routing Mat (F1330)
500-9355	Conveyor Belt Kit (F1832)
500-9356	Protective Mat (2x) (F1832)
500-9333	Routing Mat (F1832)
500-9181	Conveyor Belt Kit (F3232)
500-9182	Conveyor Belt Kit (F3220)
500-9333	Routing Mat (F3232 / F3220) **Note**: Routing Mat for the F3232 / F3220 has to be ordered twice!

All F Series	Automated Depth Control
500-9126	Field **Upgrade**: ADC **Left** (F1612)* *Requires: ADC Right
500-9130	Field **Upgrade**: ADC **Left** (F1330)* *Requires: ADC Right Field
500-9135	**Upgrade**: ADC **Left** (F1832/F3232)* *Requires: ADC Right
500-9136	**Upgrade**: ADC **Left** (F3220)* *Requires: ADC Right

All F Series	Accesories
500-9347	Vacuum Cleaner Bag for Hercules (5x)
500-9348	Filter for Hercules
500-9349	Carbon Filter for Hercules
500-9332	Vacuum Cleaner Bag for 500-9331 (5x)
500-9202	Remote Controller Pack
1NC40-67034	Media Flanges or Core Holders

Order codes: Software

All F Series Systems

500-9520	F-Performance Mode (units built before 2018)
500-9511	Summa GoProduce™ - V3
500-9513	Summa GoProduce™ - Pro Pack
500-9515	Summa GoProduce™ - Update V2 to V3
500-9517	Summa GoProduce™ - Update V1 to V3
500-9423	GoConnect™ - Board Feeders

Please contact your dealer for more information

F SERIES ™

Professional flatbed finishing systems

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