



SUMMA F SERIES ENHANCEMENTS 2020

To better align the Summa F Series products with future customer projects and applications, Summa introduces several enhancements, including:

- New F1432 model (replacing the F1330 model)
- Improved Safety System
- ADC left now also standard included on all F Series models
- Updated GoProduce Software, including new functionalities
- Adjusted router & gantry system



INTRODUCING NEW SIZE: F SERIES F1432

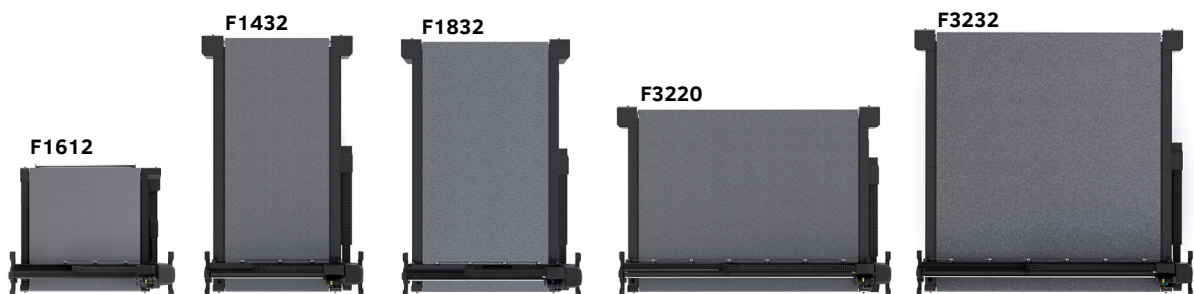
The new flatbed size F1432 replaces the F1330, which means the F1330 is no longer available.

- The F1432 offers a **wider working area**, enabling to process the popular 137 cm / 54" roll width.
- In addition, the **increased working length** provides sufficient margin to easily cut 3 m / 10 feet jobs.
- The F1432 is **shipped preassembled**, and packed into one single crate (4,5 m x 1,8 m - 1,8" x 0,7") which reduces the time needed for build-up and installation significantly. What's more, intervention from a Summa service technician is no longer needed for the installation, which can now easily be done by a certified Summa dealer (lower installation costs).
- The F1432 is equipped with **the enhanced Safety System** (see further).



Key Specifications

Specification	Metric	Imperial
Key Sizes		
Working Length	320 cm	126"
Working Width	142 cm	56"
Material Width	137 cm	54"
Dimensions		
Machine Width x Length	230 x 422 cm	90.7 x 166.1"
Shipping Dimensions (Main Crate - W x D x H)	435 x 22.5 x 178.5 cm	178.3 x 87.6 x 70.3"
Shipping Weight (Main Crate)	TBD	TBD
For all specifications, please request the updated F Series specification document through your Summa sales representative.		





NEW ADVANCED SAFETY SYSTEM

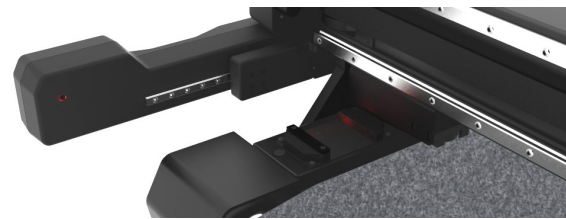
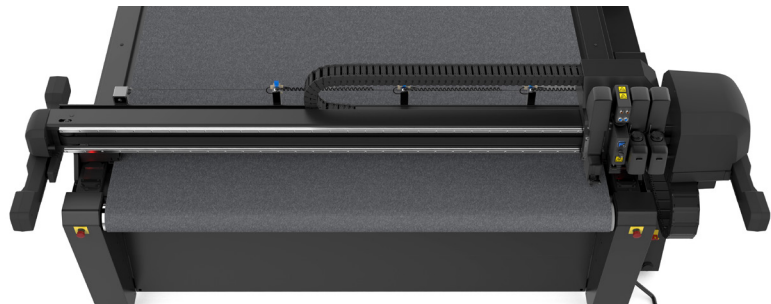
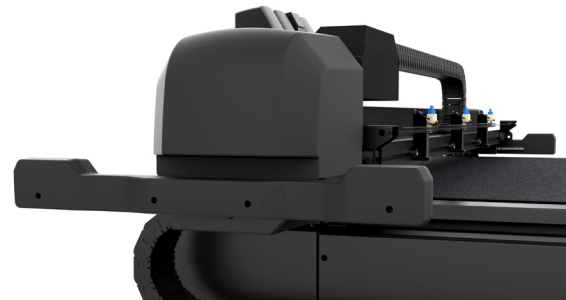
The new advanced Safety system represents Summa's new standard, which makes the F Series even safer than before. The safety system ensures precise measurement of critical safety zones through **multiple integrated sensors**.

Advantages of the Safety system:

- **Reduced footprint** of the F Series thanks to convenient placement of the Safety system on the top beam.
- **Better accessibility** because safety poles are no longer needed. This way, parts of the work area can be accessed while the machine is working in another area.
- Quick restart of the job after a safety break.
- The F Series now **complies with global health and safety requirements**.
- **Key certifications:**
- CE: complying with the EU Machinery Directive, applicable in industrial production environments
- NRTL: certification for North America (new, cCSAus pending)



Video available at:
www.summa.com/video/safety-system or scan the QR code



NOW A STANDARD FEATURE: ADC LEFT

Since the launch of the Automated Depth Control (ADC), the device has proven to be a most practical feature. The ADC right was already standard included on the F Series. To increase flexibility, Summa now also integrates **the ADC left as standard feature**.

Advantages of the ADC left:

- Now also tools mounted in the first slot of the head can be calibrated automatically, ensuring a quick and reliable setup of all tools available.
- Easy tool adjustment that is compatible with the new Safety system.
- No remote controller needed.
- More automation means less operator errors, means increased yield.
- Unique feature that is only available on Summa F Series cutters.



F SERIES ENHANCEMENT: ROUTING SYSTEM & GANTRY

Among the F Series enhancements are a few additional adjustments that will be included. These enable easy access to the F Series flatbed table, protect electronics and enhance compatibility with the new Safety system.

- **The Routing system** has been adjusted for compatibility with the integrated Safety system.
- **The gantry** is prevented from blocking access to the electronic cabinet, making the unit easier to service.
- **The Routing system's electronics** are now mounted in an extra enclosure to protect them against dust.



NEW SOFTWARE RELEASE: GOPRODUCE 2.0

Along with the F Series enhancements related to hardware, it is the software that enables the operator to make good use of the machine's functionalities. This results in the release of the new GoProduce 2.0 software. The official release of the new software will be around mid-October.

GoProduce 2.0 offers various new functionalities, among which:

- **Twin X** enabling GoProduce to read cutting files prepared for the Summa roll cutters. This way, the Twin workflow, which was previously only available on OPOS CAM roll cutter units, can now be used on all Summa roll cutter types, equipped with an OPOS X sensor.
- **Back side cutting with edge detection** (worth to repeat in this list), reduces production time considerably. Watch video
- **Hot folder** for automatic processing of jobs that are placed in this folder, treated as a job queue.
- **Tool priority list**, where the software automatically selects the best tool available for the job.
- **The remote controller** will now be supported in GoProduce, enabling users to move the camera to the registration marks.

GoProduce 2.0 will be standard integrated with every new F Series installation. For existing F Series installations, an upgrade fee to GoProduce 2.0 is applicable. More details will be given upon the official release.



PRACTICAL INFORMATION

Part numbers & shipping

New part numbers were assigned to the enhanced F Series products. The new part numbers have a “-3x” extension.

	F1612	F1432	F1832	F3220	F3232
110V/60Hz	F1612-31	F1432-31	F1832-31	F3220-31	F3232-31
240V/50Hz	F1612-32	F1432-32	F1832-32	F3220-32	F3232-32
Standard Router System	500-9480	500-9482	500-9484	500-9486	
HF Router System	500-9481	500-9483	500-9485	500-9487	

- **Customer shipments:** November 2020
- **Order placement:** can be done immediately
- **Price list:** The adjusted price list (including options) will be provided by your Summa Sales representative.

Product Dimensions

- The newly integrated Safety system has minimal impact on the machine’s dimensions (width) or the shipping crates.
- The shipping crate of the F1612 has changed. The height is significantly reduced for easier stacking of the crates, which is in addition resulting in a more efficient and ‘greener’ transport. **Note:** The camera module is slightly dismantled. However, it will only take about 5 minutes to reassemble the module.
- The F1432 has been introduced previously in the presentation, replacing the F1330. For the exact dimensions of the machine and shipping crates, please refer to the F Series specification document.

For all specifications, please request the updated F Series specification document through your Summa sales representative.

Compatibility / Upgradability

- It is **not possible to upgrade machines** that are equipped with the previous safety poles, to the new integrated Safety system.
- The previous safety poles are no longer available for new machines.
- The previous Routing system and gantry are not compatible with the new Safety system.
- The **new Routing system and gantry are backwards compatible** with all existing F1612 installations. To upgrade larger models, please contact Summa’s Service Department.



MARKETING MATERIALS

- **Product video** about the enhanced Safety system
- Updated **F Series product images**
 - » New images are prepared for each of the F Series models with safety system. More images will follow over time. You can download them via marketing.summa.com to update your documents and website.
- Updated **product brochure**
 - » Marketing is working on a redesign of the F Series product brochure. Besides product updates, it will have a completely new structure, integrate applications better and have a new look. Expected by October/November.
- Product pages on the **Summa website** will be updated along with the end-user Newsletter towards the end of October.
- Shared directory updated marketing.summa.com