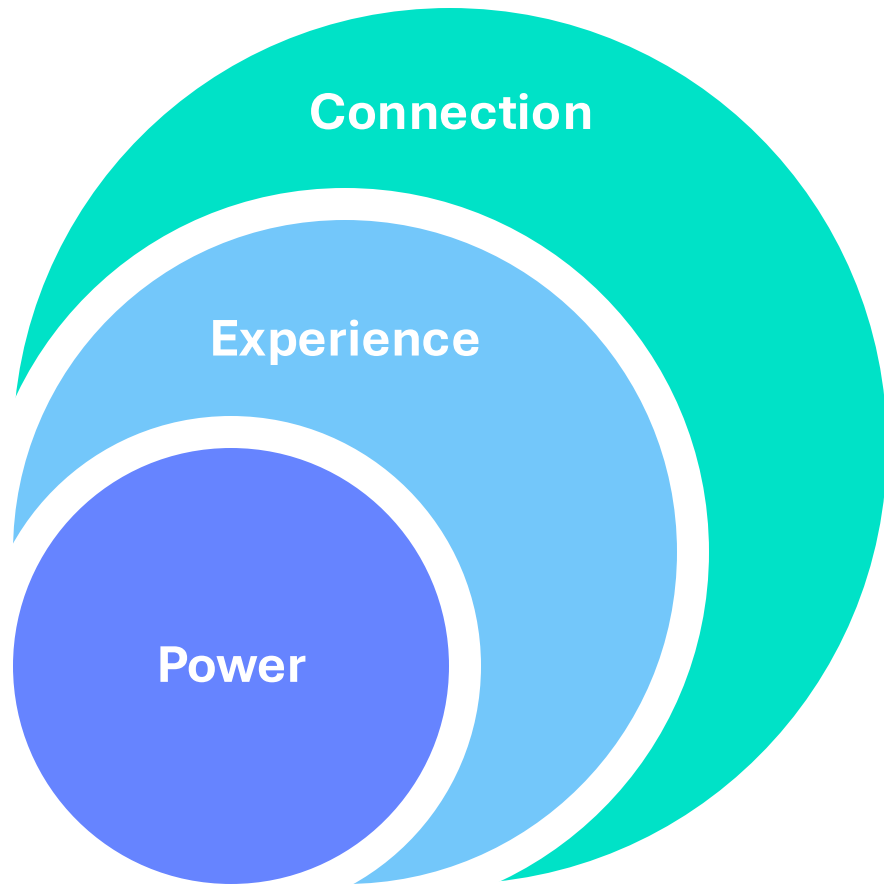


summa

F Series Vantage

Where production meets precision

F Series Vantage



Open ecosystem, future-ready







Faster across the complete workflow



Operator-friendly by design

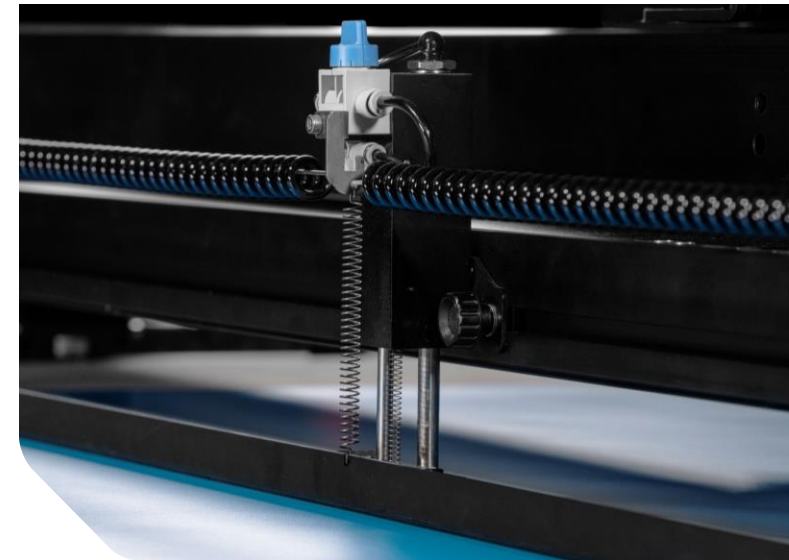
Operator friendly

The F Series Vantage has a built in LED light into the cutting axis, allowing for instant status information on your unit.

	Green	Ready to go
	Blue	Busy processing a job
	Orange	Pause
	Red	An operator needs to intervene

Clamp bar standard included / installed on the units.

- No need to adjust clamping feet.
- Smoother feeding



Operator friendly

Automatic tool & module recognition

Modules are automatically recognized detecting whether you're working with a versatile or single tool module. A versatile module allows for different tangential tools to be installed. Such as the kisscut tool.

The versatile module comes in 2 versions:

- Core+ Module: The core for every workflow - Increased down pressure
- Fast+ Module: A tangential tool with double the up/down speed and acceleration

Every module is now equipped with smart recognition. All modules have ID chip, allowing for quick detection and calibration check



The single tool modules are modules with one fixed tool, such as the Rotary Module, drag module, ...

Barcodes on the tools in combination with module ID eliminates any chance of mistakes.



Operator friendly

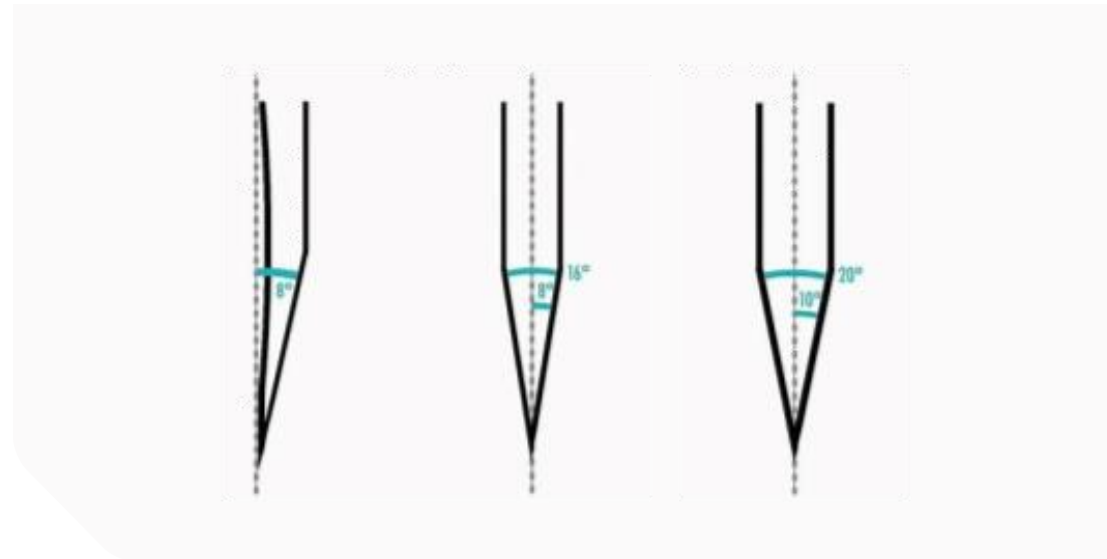
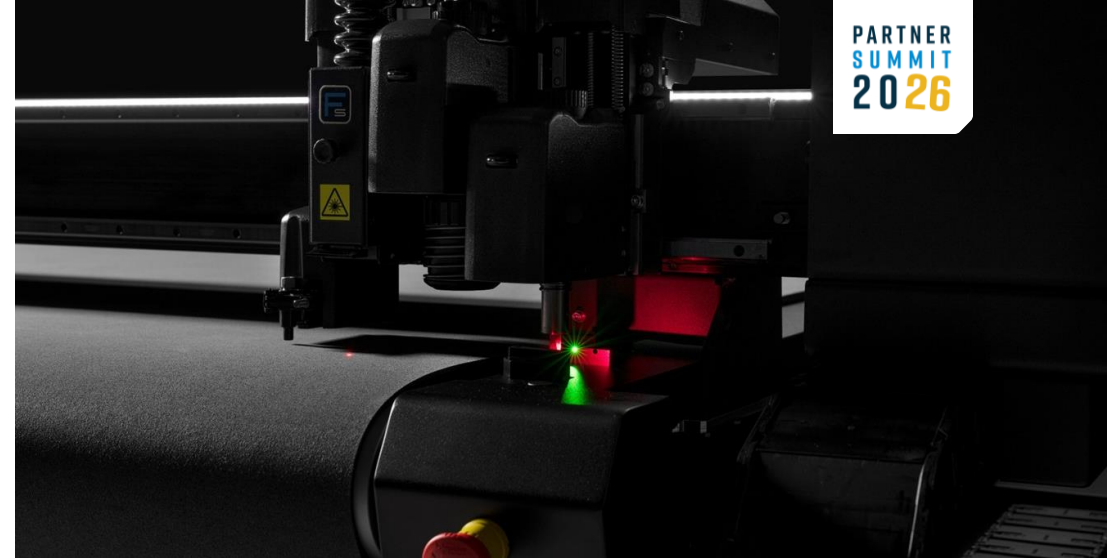
Next-gen ADC

Next-Gen ADC - 3D blade profiling for easier setup, blade type recognition and increased blade lifetime.

The ADC will not only set the correct cutting depth of the tool. It does a 3D blade profiling for increased cutting quality without the necessity of using media to run calibrations, nor does it require experience from the operator.

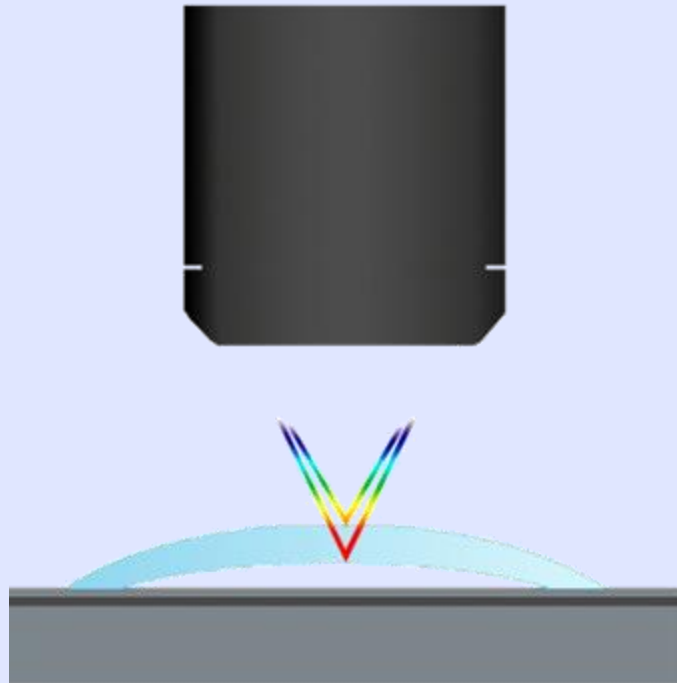
By profiling your knife, The quality loss due to blade wear will be reduced and a noticeable increase in blade lifetime will be apparent.

The Next-gen ADC will also allow us to detect and calibrate more shapes than we were able to.



Operator friendly

Optical media thickness sensor



A optical media thickness sensor will eliminate a majority of mistakes.

It can detect the thickness of the slipsheet used along with the accurate thickness of the media.

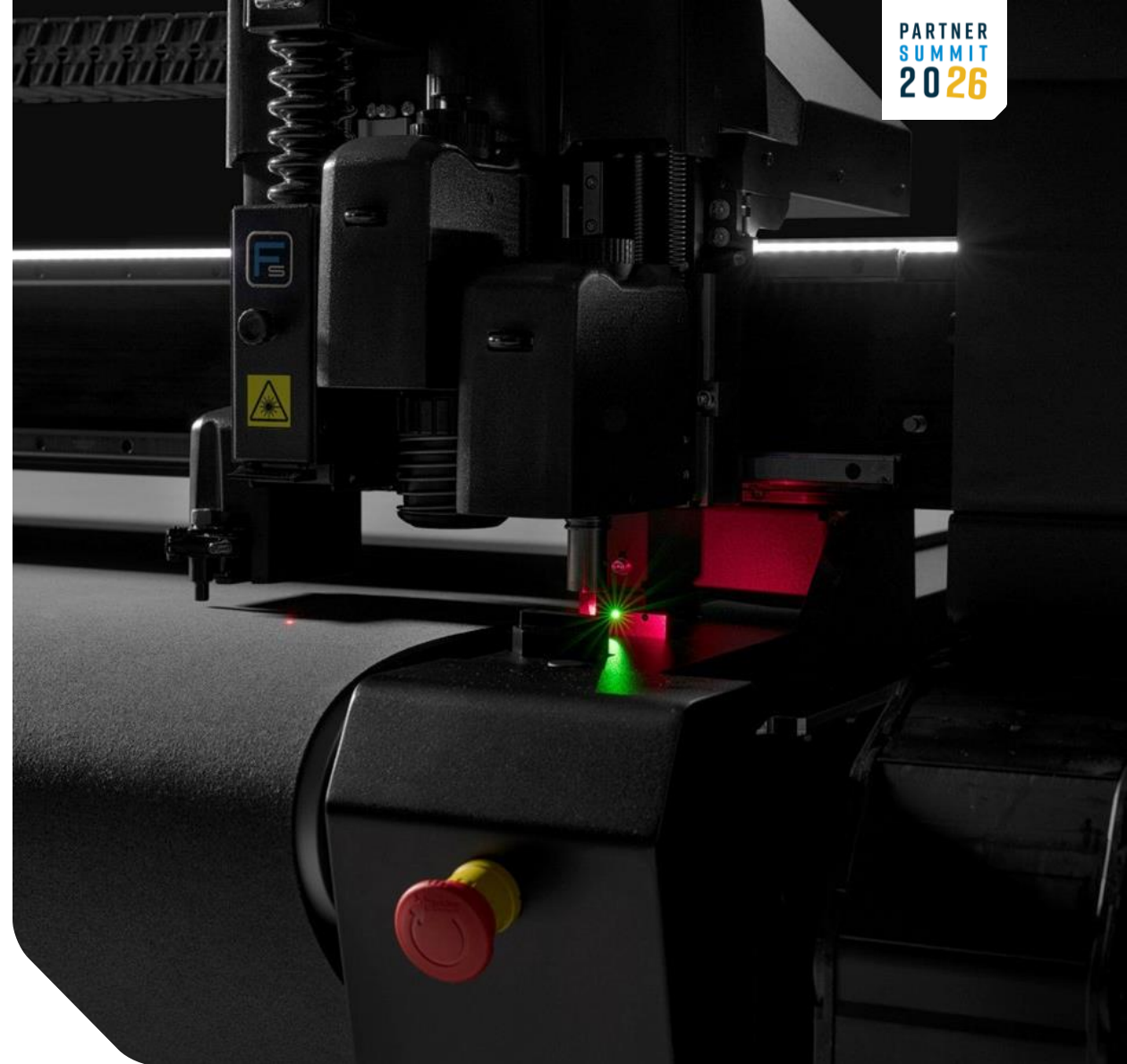
Not only does this eliminate the chance of setting an incorrect media thickness resulting in blades not fully exiting the media and breaking.

It also optimizes the lift movement for the tool, increasing efficiency within a workflow.

Operator friendly

Advanced safety

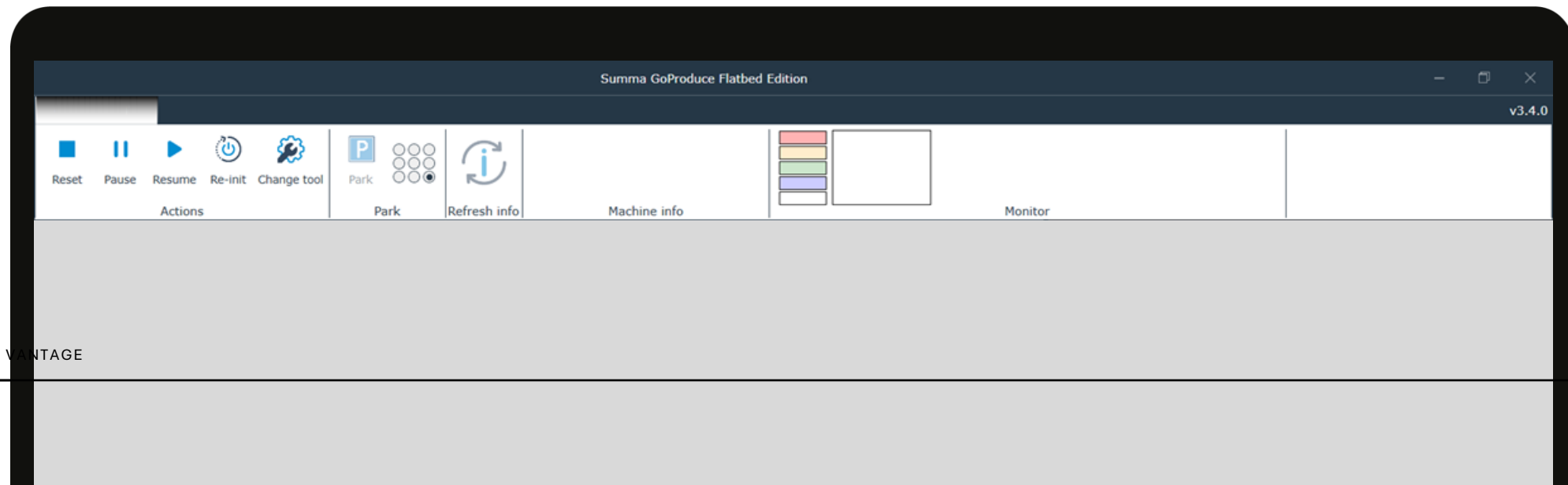
- Operator-friendliness does not only stop with making it easier for the operator to use the machine and avoid mistakes.
- It also means making the unit safer to work with.
- More industrial compliant e-stops are used as well as better restart sequences when a safety is triggered.
- The possibility to attach external safety equipment.



Operator friendly

GoProduce

- One application to control your machine.
- GoProduce and Axis Control merged into one, creating a simpler ecosystem to work with.
- Allowing for one-hour onboarding with intuitive workflows and one-click job execution.
- The ability to create unlimited action sets in tune with every workflow.
- GoProduce offers up to 100+ materials for easy tool and parameter assignment.
- More functionality possible that was not possible with 2 applications.



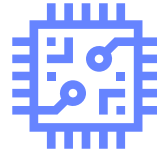
F Series Vantage

Faster across the entire workflow



Speed improvements across the board

- Lower setup times because of instantly recognized modules. Updated motion control, eliminating unnecessary movements and increasing customer experience. The standard included media thickness sensor eliminates errors and cutting slowdown.
- Streamlined integration with GoProduce for increased operator efficiency.



New hardware that will help speed up your cutting workflow such as

- Faster electronics
- Better tuning and motion system
- Fast+ module, with faster up/down movement.
- Ethernet communication for fast data transfer.
- Adapted camera and lighting design for better and quicker mark recognition.

+40% higher productivity depending on tool and material type

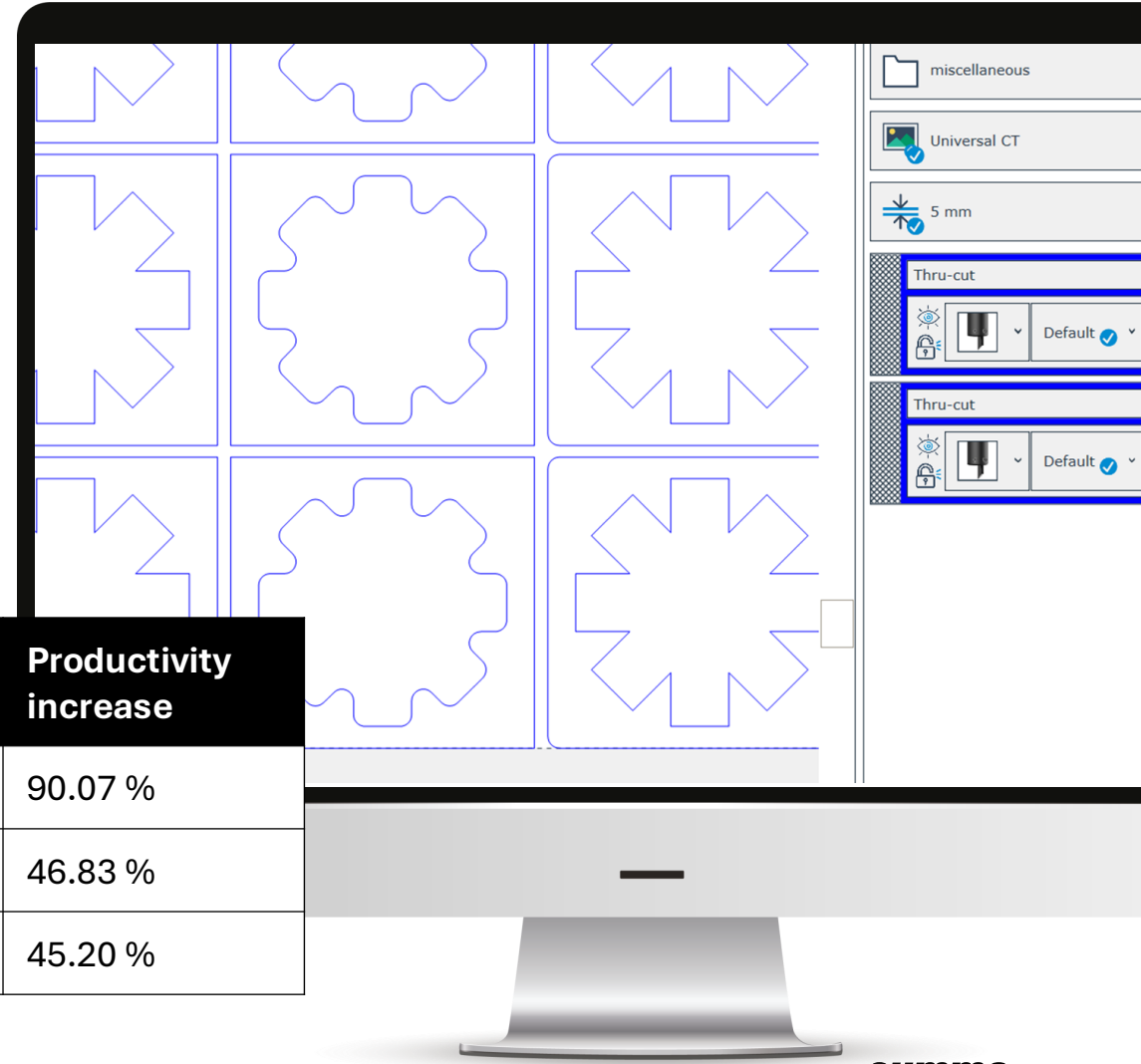
F Series Vantage

Faster across the entire workflow



+40% higher productivity
– or is it ?

Number of files including designs with many tool lifts, low number of tool lifts. And using multiple (2 Tools). And all done comparing a F1625 4X to a F1625 Vantage.



File name	Job Time 4X	Job Time Vantage	Productivity increase
NoRounds – 1 Tool	00:18:11	00:09:34	90.07 %
Rounds – 1 Tool	00:06:57	00:04:44	46.83 %
KissCutting+ through Cut – 2 Tools	00:13:36	00:09:22	45.20 %

F Series Vantage

New tools



Rigid Material CutOut Tool

Based on the cylindrical blade design of the Corrugated Tool, the Rigid Material CutOut Tool will have a 8 mm cylindrical blade that will be able to cut a wide range of materials. Such as 5 mm-1/4 inch expanded PVC foamboard, greyboard, solid board etc....



High-precision CutOut Tool

Based on the Cylindrical blade design of the corrugated Tool, the High-precision Tool will have a 6 mm cylindrical blade that is able to cut intricate design in a wide range of materials. Ranging from flexibles such as banners and papers to 3 mm thick rigid materials.



Power EoT

Electronic Oscillating Tool of a higher power (2.5x more than original EoT) and a knife stroke of 2.5 mm that allows for cutting Honecomb boards, rubber, foams and more. Closing the gap between the EoT and the POT.

F Series Vantage

3.7kW Router

Being future ready means being able to tackle the most difficult of work, routing.

Routing comes down to controlling RPM, feed rates and power.

The HF router system is therefore getting a major overhaul. The initial 1kW of power will get a significant increase to 3.7 kW or 5 HP at 60.000 RPM.

This comes as an actively cooled spindle, cooler included.

Increased stability:

- Updated system of attaching module to the head. More stability, more quality.
- Increased quality on PMMA - Acrylic



F Series Vantage

3.7kW Router

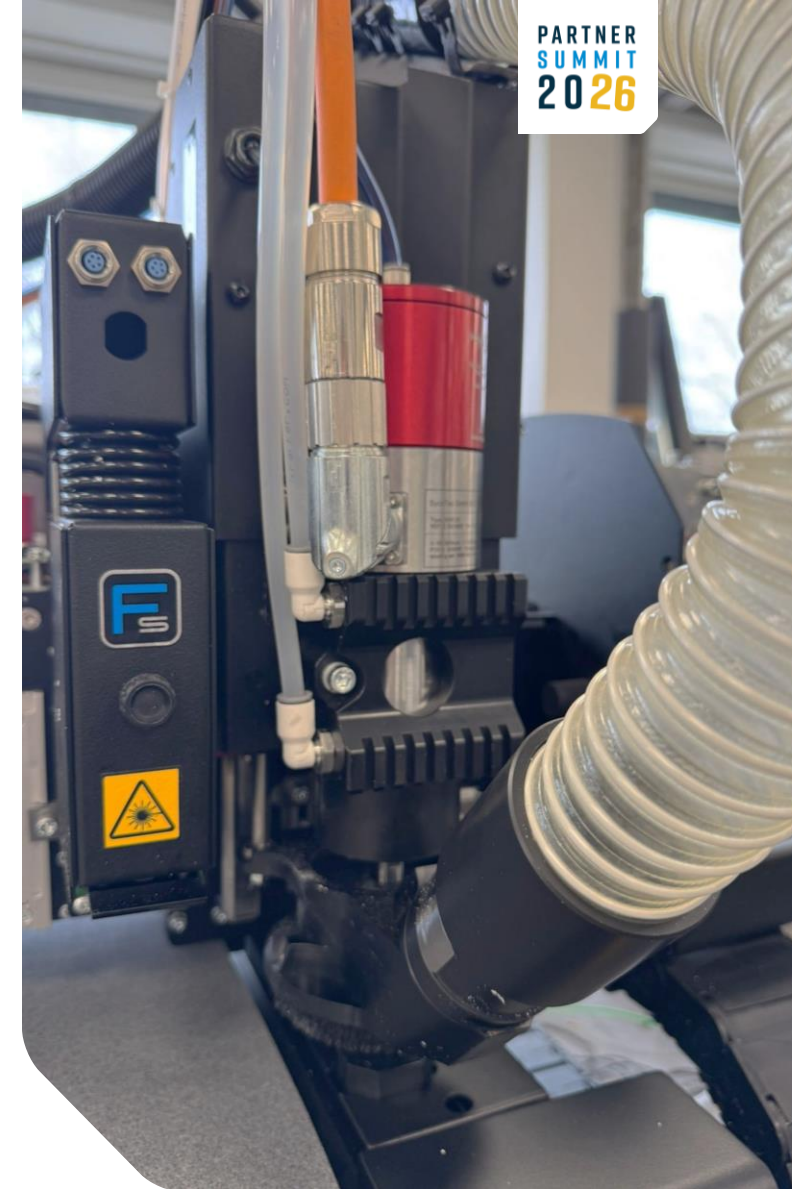
Operator friendly:

- On the HF router the brush is controlled and automatic.
- Again increasing user-friendliness.

Oil Mister

- For better application support an optional oil mister will be available.
- Oil mister allows for more types of aluminum being processed
- Longer life of bits in ACM

Increased reliability and efficiency in combination with the depth sensor.



F Series Vantage

Open ecosystem – future ready

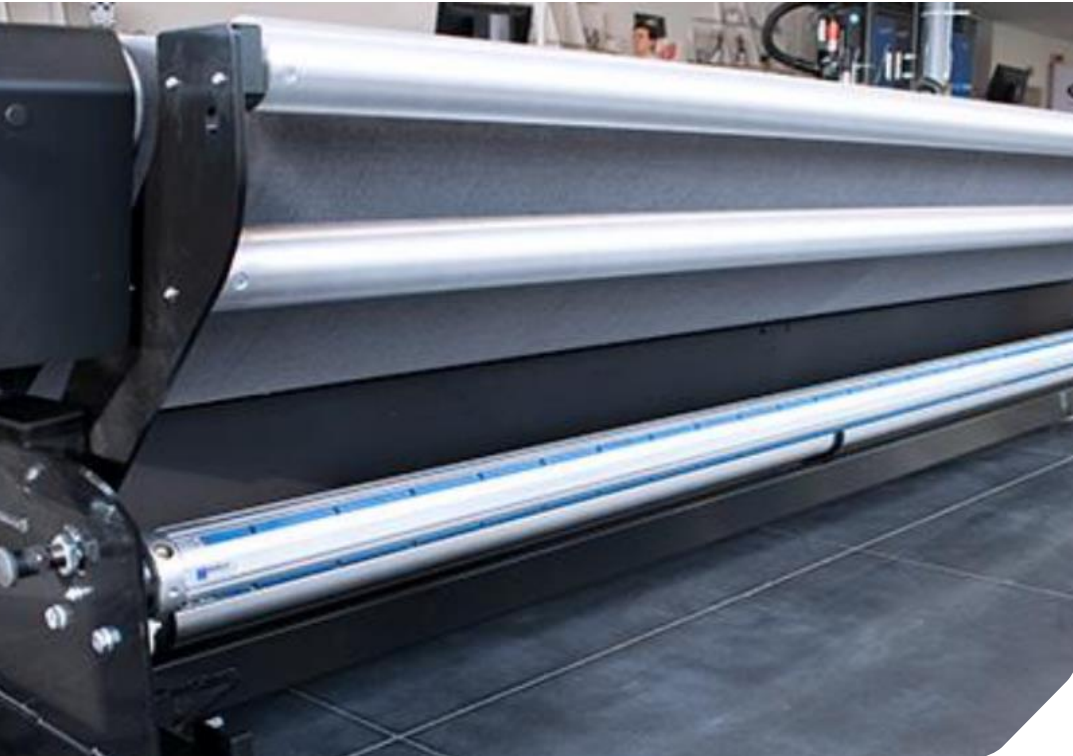
Designed to integrate with any printer, any RIP or any 3rd party device. Ethernet connectivity for flexible workstation positioning even in ISO 6 clean rooms. Automation-ready to connect to a wide range of robotics and industrial data platforms, able to share analytics and runtime metrics.

- **GoConnect:** platform to integrate/connect to any 3rd party device in the future.
 - Interfacing using IoT protocols
- **GoData:** Insights and analytics for superior workflow efficiency.
- **GoCare:** technician tool for easy access to onboard metrics, maintenance and calibration.



F Series Vantage

Open ecosystem – future ready



F Series Vantage has the ability to equip the Heavy Duty Roll Support on every model.

- F1612 Vantage and F1625 Vantage can be upgraded with an HDRS.
- Up to 200 kg of roll weight.
- Non-motorized.

New baskets designs for:

- F16XX
- F1832
- F32XX

Compatible with laser as well and previous model F Series

F Series Vantage

Backwards compatibility

- ✓ All Tangential Tools of the 4X machines will work on the Vantage, such as the KissCut tool, Corrugated Tool, etc...
- ✓ The 4x Tangential modules will work on the Vantage.
- ✗ The F Series Vantage Fast+ Tangential modules will not work on the 4x.
- ✓ Core+ is compatible with 4x but on 4x specifications
- ✗ Router modules of 4x will not work on Vantage and visa versa.
- ✓ As well as the Drag module and High Torque Rotary Module. Rollup system will be available as well.
- ✓ GoProduce will detect which unit it is connected with and adjust its view and functionality.

