Summa GoSign™ 2.0

A Windows-based production tool, acting as a bridge between the design software and a Summa Roll Cutter

Key features

- Intuitive interface specific to the GoSuite software platform

- Flexibele action sets enhancing automation and enabling to set up the worflow to everyone's needs

- Material Manager

- Plug-ins for Illustrator and CorelDRAW

- Job Log

- Reading plot files (Pro Pack)

- Hot folder system (Pro Pack)

- OPOS CAM & Twin support (Pro Pack)

- Barcode functionality (Pro Pack)

Intuitive interface

- GoSign 2.0 adopts the intuitive
 interface from the GoSuite platform
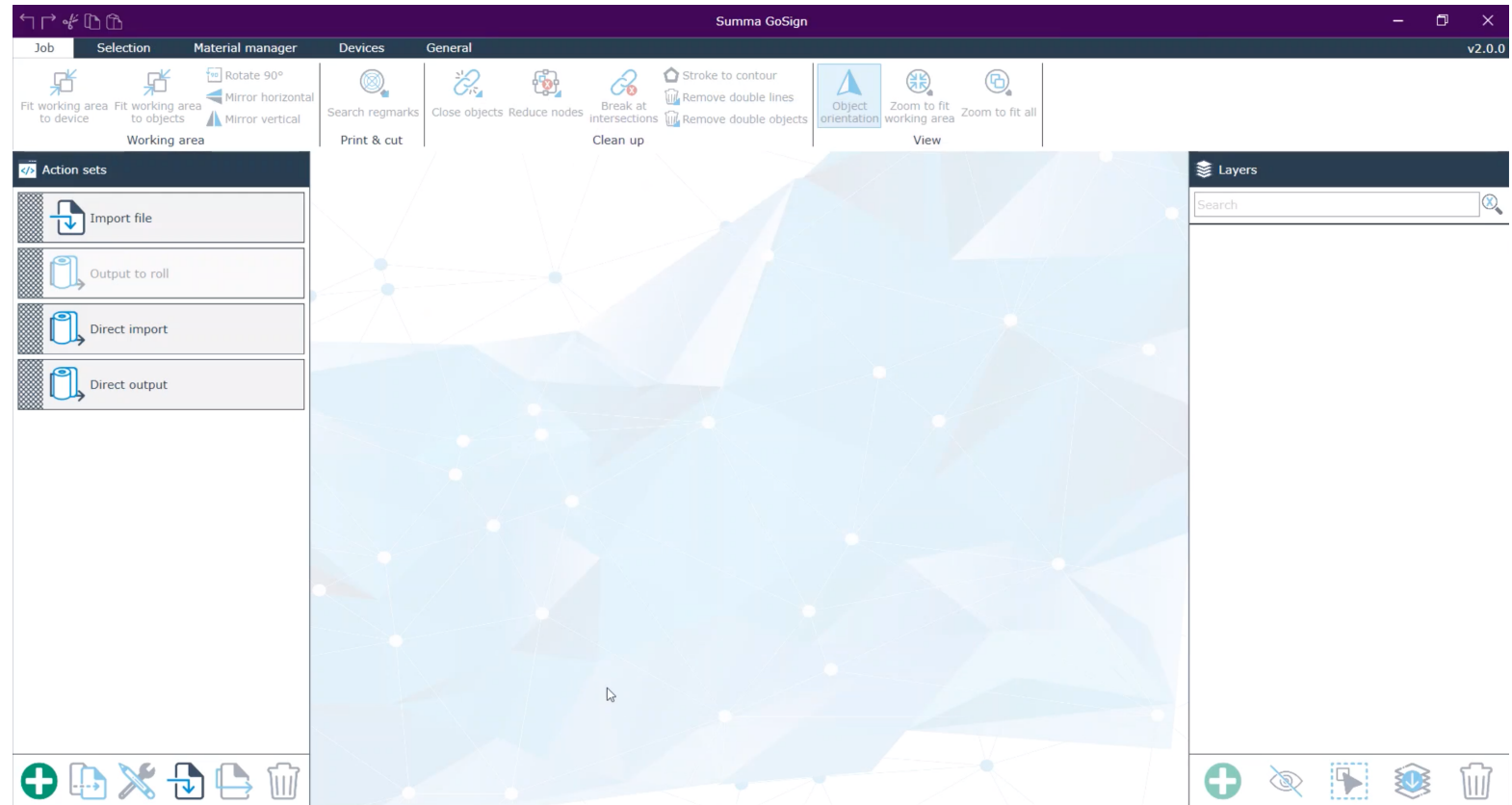
Action sets

- Action sets are a key element to the GoSuite platform. Each action set can be customised ensuring GoSign fits into any possible workflow.

- The first time you launch the program, you can choose between a **basic** or **advanced** action set:

    - If your designs are generated directly from your design program, the basic action set is recommended, providing you with a similar workflow as the one from WinPlot.

    - If the design comes from a 3rd party RIP or if you want more functionality, you can choose the advanced action set.

    - Whichever action set you choose, you can always add, remove or modify actions as you wish. Some people are fond of all the whistles and bells, others prefer the bare minimum for easy and flawless operation.
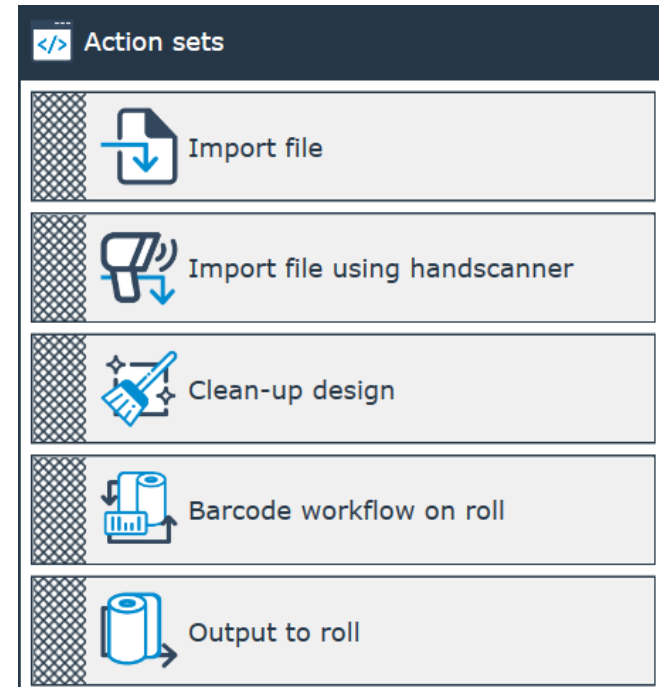
Material Manager

- Depending on the material type, you can preset speed and other settings linked to the method used:

  Kiss-Cut, Thru-Cut…

- For OPOS CAM units also the optimal camera profile is linked to the specific material used.

Materials

Methods

Camera profiles
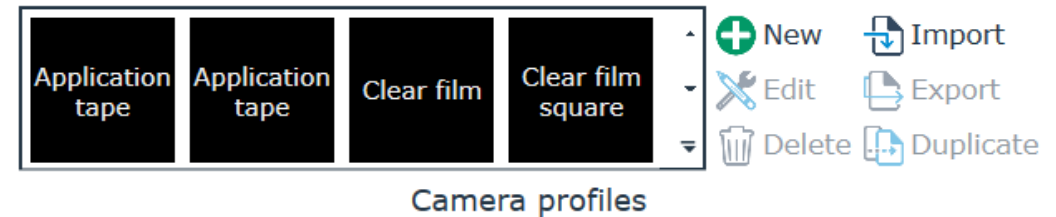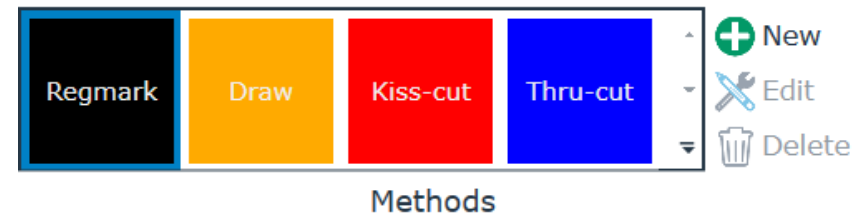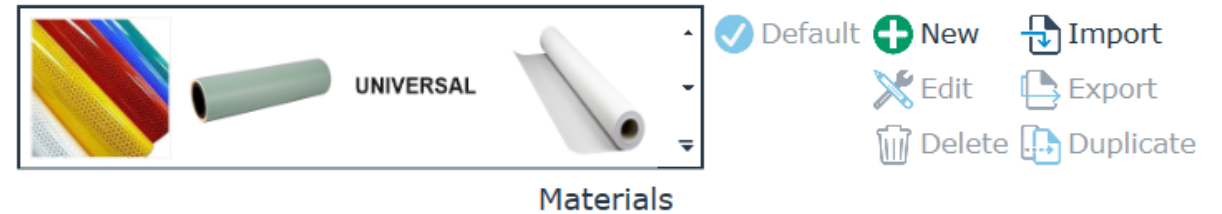
Plug-ins

- The plug-ins for Illustrator and CorelDRAW have been updated to work with GoSign.

- The customisable action sets enable to configure and process jobs to anyone's needs. A job can, for instance, be sent directly to the roll cutter without operator intervention. This way, GoSign is acting as a driver.

- The plug-ins can be installed via GoSign Tools, a separate download.
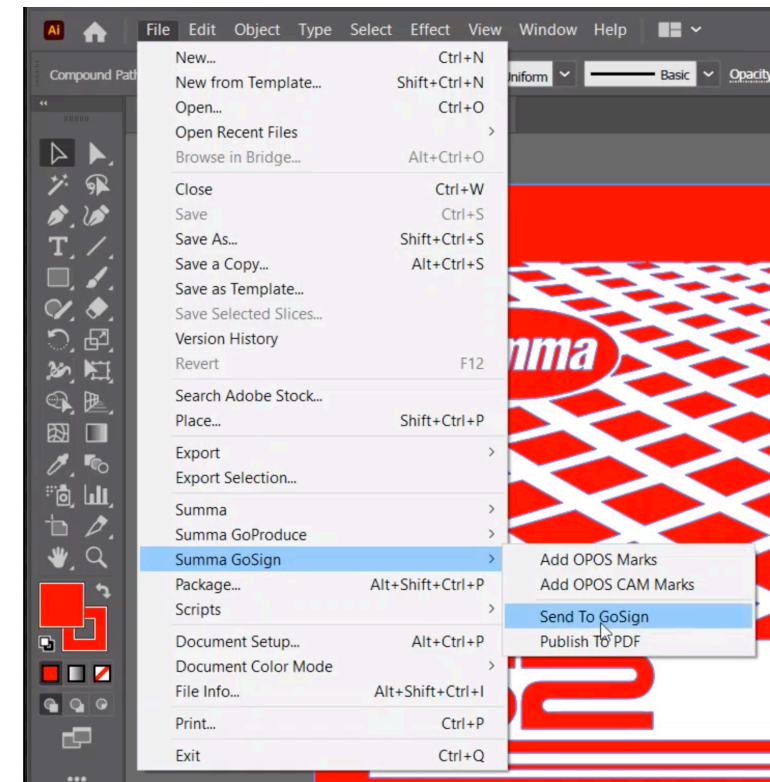
Illustrator Plug-in
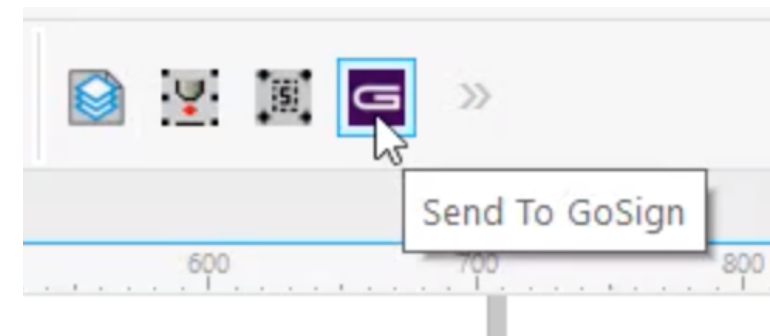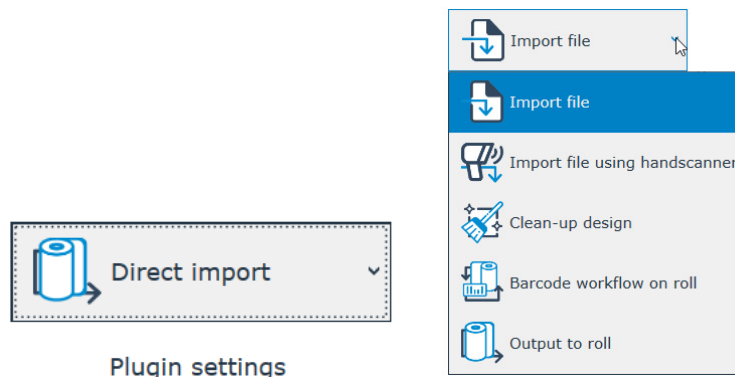
Customisable action set in GoSign

Plugin settings

CorelDRAW Plug-in

Job Log

- GoSign 2.0 logs every job sent to the cutter, including timings and basic job information such as material consumption.

- The Job Log enables post calculation, monitoring of the unit's uptime, tracing of jobs, links to ERP systems, and much more.

- Job logging is generally a requirement to be **compliant with Industry 4.0**.

Multiple import filters

- GoSign is compatible with many design programs via PDF and DXF import filters.

- File import can be based on colour or layer information.

- Also SGP and OXF files can be read. This makes files, prepared by 3rd party RIPs for GoProduce compatible with GoSign.

- GoSign can be used in combination with OPOS CAM, enabling the Twin Workflow (Pro Pack required)> See further.

- The PDF import filter is improved compared to the one from WinPlot, which makes the software better compatible with InkScape.

- Also plot files, prepared to send directly to the roll cutter, can be opened > See further.

All supported files (*.pdf;*.dxf;*.oxf;*.oxf2;*.sgp;*.plt;*.hpgl;*.hpg;*.hgl;*.dmpl;*.dmp)

PDF files (*.pdf;*.PDF)
DXF files (*.dxf;*.DXF)
OXF files (*.oxf;*.oxf2;*.OXF;*.OXF2)
SGP files (*.sgp;*.SGP)
PLT files (*.plt;*.PLT)
HPGL files (*.hpgl;*.hpg;*.hgl;*.HPGL;*.HPG;*.HGL)
DMPL files (*.dmpl;*.dmp;*.DMPL;*.DMP)
All supported files (*.pdf;*.dxf;*.oxf;*.oxf2;*.sgp;*.plt;*.hpgl;*.hpg;*.hgl;*.dmpl;*.dmp)

Import mode   Manual
Close active job after import ☑
Import unit for DXF   Auto
Separate layers for PDF/DXF   By layer name
    Exclude layers   By layer name
                               By spot color name
Scaling factor   By color   %

Import of Plot files

- GoSign 2.0 can also import plot files, which are files prepared to send directly to our cutting equipment. Normally these files can't be edited anymore. A small mistake in these files could only be solved by reprocessing the entire job.

- Typical mistakes that could be solved by opening the job in GoSign first before sending them to the cutter are:

  – Bad pressure values

  – Redundant lines that should not be cut

  – Bad sorting
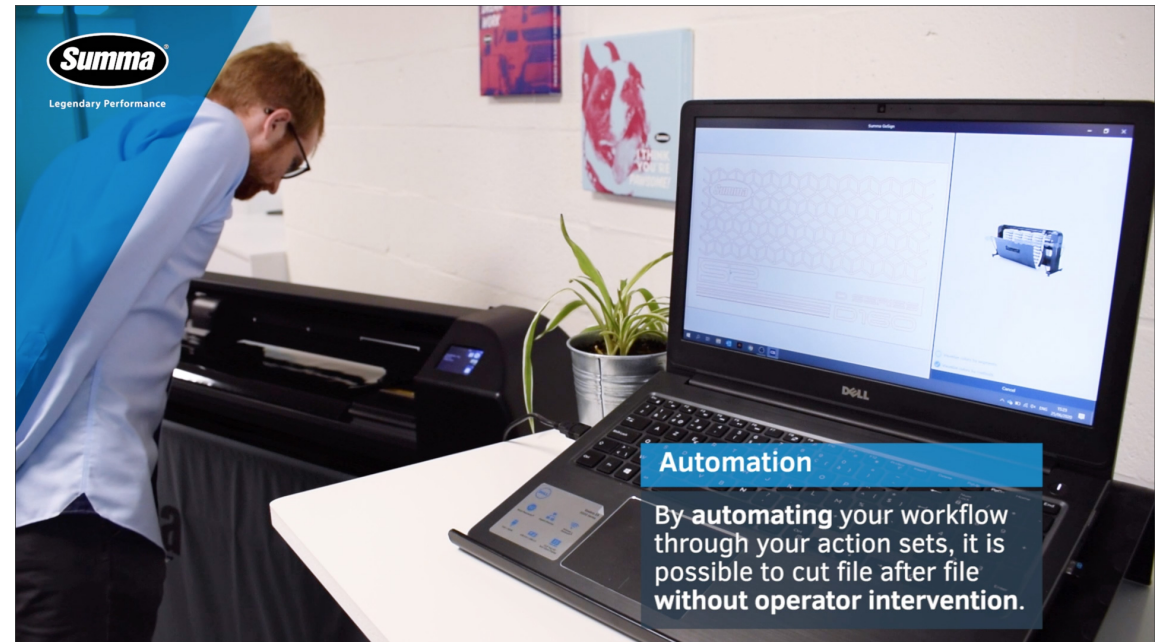
  – …

Hot folder system

- Not only is GoSign able to import jobs by means of file selection, a hand scanner or OPOS Barcode (see further). With the hot folder functionality, files dropped in a folder can now also be opened automatically in GoProduce. The flexible action sets ensure that what happens next is fully customisable.

- This hot folder system is specifically useful when the design software is located on another computer in the network. Because in this case, the plug-ins cannot be used.

Automation
By **automating** your workflow through your action sets, it is possible to cut file after file **without operator intervention.**

Watch it in action: www.summa.com/video/gosign

OPOS CAM & Twin support

- With GoSign a Summa S Class 2 roll cutter with OPOS CAM can be controlled in the same way as an F Series flatbed cutter.

- The advantages of a Twin workflow are multiple:

  - Thanks to intelligent camera recognition technology, jobs prepared for the Summa F Series flatbed cutters can be run on the roll cutter OPOS CAM units. By combining the best of both worlds - Kiss-cutting on the S Class OPOS CAM roll cutter and Thru-Cut on the F Series flatbed cutter - significant performance increase can be achieved. This is the core of our **Twin workflow>** see video.

  - But also without the F Series, the OPOS CAM unit can now cut contour jobs with **registration marks randomly placed** around the design. So, no restrictions anymore to the bounding box marks, OPOS typically encounters without the Twin support.

  - The Twin workflow also enables to position the cut lines as good as possible on the print, so you don't need to change the design's size: **Fixed Size mode**.

NOTE: The traditional Camera control functionality is still available for free in Summa Cutter control.
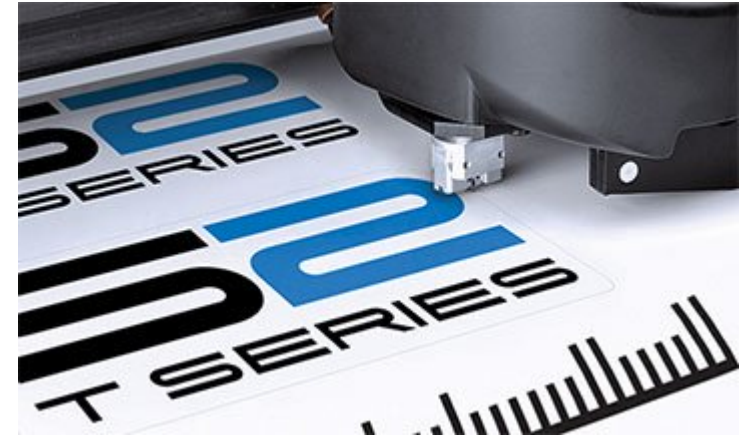
Barcode functionality

- In contrast to WinPlot, a Barcode workflow can be set up by means of the GoSign 2.0 Pro Pack.

- A great advantage of the Barcode workflow is the possibility to modify plot files>see import of plot files. This way, knife pressures can be optimized to cut specific substrates, which will reduce the knife wear considerably and enhance the overall cutting quality.

- By using GoSign 2.0, the Barcode workflow can now be set up with PDF files (or DXF files). So, it is no longer required to generate specific plot files.

NOTE: All previous barcode functionality is still available for free in Summa Cutter control. The GoSign Barcode integration is an extra functionality, which is only available in the payable GoSign Pro Pack.

GoSign Pro Pack

- Summa GoSign Pro Pack: 395-995

- Features:

  - Reading plot files

  - Hot folder system

  - OPOS CAM & Twin support

  - Barcode functionality

- GoSign 1.0 users with an OPOS CAM roll cutter can benefit a **free GoSign Pro Pack**, if they registered before October 1, 2020.

GoSign 2.0	GoSign 2.0 Pro Pack
✔ Standard available on www.Summa.com	✔ One-time Pro version purchase
✔ All common functionalities specific to cutting programs: sorting, weeding box, multi-copy, …	✔ All common functionalities specific to cutting programs: sorting, weeding box, multi-copy, …
✔ Custom configuration of action sets	✔ Custom configuration of action sets
✔ Plug-ins for Adobe Illustrator and CorelDRAW	✔ Plug-ins for Adobe Illustrator and CorelDRAW
✔ Material Manager	✔ Material Manager
✔ Job log functionality	✔ Job log functionality
✖ Camera recognition	✔ Camera recognition
✖ Twin workflow	✔ Twin workflow
✖ Barcode functionality	✔ Barcode functionality
✖ Hot folder job handling	✔ Hot folder job handling
✖ Import of plot files	✔ Import of plot files
Download for free on www.summa.com	Talk to sales

Other GoSign 2.0 functionalities

- Standard available with GoSign 2.0

- Sorting: multiple sorting methods reduce the time-consuming up-movement of the knife and minimise material transportation. This will have a direct positive influence on the cutting quality.

- Weeding box

- Cutting by colour

- Tiling to split up larger jobs in smaller parts

- Multi-copy

- Multiple devices can be connected to one single PC

- No spooler (no parallel use n multiple units)

Note: Only one OPOS CAM unit can be controlled at once.

Compatibility

- Windows 7 (Professional - Enterprise)/8 (Professional - Enterprise)/ 8.1 (Professional - Enterprise)/10 (Professional - Enterprise) 32-bit & 64-bit. With the latest updates and Service Pack

- Plug-ins:
    - Plug-in for CorelDRAW X2 – 2020
    - Adobe Illustrator CS/CS2/CS3/CS4/CS5/CS6/CC 2019/CC 2020

- USB and LAN connection (if available) with:
    - S Class 2 units
    - SummaCut (R version / Black covering: +2007)

General information

- GoSign 2.0 can be downloaded from the Summa website in the support section

- Release date: half October 2020

- Video available at www.summa.com/video/gosign

- Video, images and updated brochures available to download at marketing.summa.com

- WinPlot remains temporarily available for legacy products. However, no new developments will be done to WinPlot. WinPlot users can download GoSign 2.0 from the Summa support website (same way as before)

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