SHEET FEED 75

User Manual
Rev 002

Summa®

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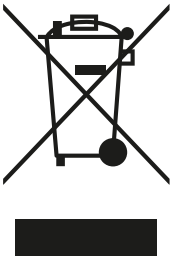
Waste Electrical and Electronic Equipment (WEEE) Directive

The symbol (right) is shown on this product. It indicates that the product should not be placed in municipal waste but should be disposed of separately. Electrical and electronic equipment can contain materials, which are hazardous to the environment and human health, and therefore should be disposed of at a designated waste facility or returned to your retailer for the appropriate recycling to take place.



If you wish to dispose of this product and the product still functions, please consider recycling/reusing it by donating it to a charity shop, selling it or exchange parts of it with your retailer.

Registering the Sheet Feed 75

Please register the Sheet Feed 75 on the following link:

Summa product registration | Summa

Failure to register the cutter may result in a delayed response to warranty and service inquiries.

Contact Information

All inquiries, comments or suggestions concerning this and other Summa manuals should be directed to:

Summa, nv
Rochesterlaan 6
B-8470 GISTEL
Belgium

Website
www.summa.com

Revision history

Version	Reason for modification	Publication date	Author
001	First release	February 2025	WVR
002	Overall (structural and language) revision	April 2025	AL

This manual is a guide for operating the Sheet Feed 75 for the F series.

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1.1 Safety and Ideal Operating Environment

1.1.1 Safety

1.1.1.1 Symbols Used in This Manual

Warning with dark (red) symbol: Refers to immediate threat that can cause serious injuries and effects on health and safety.

Warning with light (yellow) symbol: Refers to a dangerous situation that can cause injuries and serious damage to the machine.

Attention with dark (red) symbol: Refers to useful information to prevent damage to the equipment and prolong the service live of the machine.

Attention with light (yellow) symbol: Refers to useful tips to enhance the user-friendliness and make the work significantly easier.

Note: Can be considered as a general tip, something that is useful to know.

1.1.1.2 Safety Precaution

WARNING: This equipment is not suitable for use in locations where children are likely to be present.

WARNING: There is a risk of injury from being caught or trapped in moving machine parts.
Keep hands, hair, clothing and jewellery away from moving parts. Do not wear jewellery, loose clothing, scarves, open jackets or shirtsleeves.

1.1.1.3 General

WARNING: Read this manual carefully before starting the machine, which is designed and built to offer maximum safety together with the best performance. Only properly instructed persons may use the machine. Whoever uses, adjusts, maintains, repairs, is in fact obliged to understand and apply all the prescribed instructions with particular regard to safety regulations. Non-observance of safety regulations always entails serious risks of injury.

The purpose of this user manual is not only to explain the operating procedures for this feeder. It also provides the owner, users, and operators with precautionary procedures for safe and proper machine operation for its intended purpose. All information in this manual must be read and understood before any attempt is made to operate the feeder.

The manufacturer has no direct control over the machine operation and application. Proper safety practice is the sole responsibility of the owner, user and operator.
All instructions and safety warnings in this manual are based upon the use of this machine under proper operating conditions without alterations from the original design.
The proper use and the limits of the application of the cutting table depend on the module and tool, used in combination with the material.

Any use of the feeder that is beyond the capabilities is considered as improper use and may result in injury and/or serious damage to the feeder and will lead to loss of warranty.

The installation of the feeder, accessories and spare parts must not be done by untrained or unauthorized persons. Also, the described maintenance procedures need to be followed and performed by trained personnel.

The machinery is built to offer maximum safety, known at the time of its construction, together with its performance. After a certain period of time (generally every 5 years), developments in technology and the "state of the art" may consider it less safe in terms of the working environment when compared to current machines. It is therefore advisable to carry out a series of analyses and considerations (also by requesting the manufacturer's help) to establish whether it is advisable to update in accordance with technical updates. In the event of transfer to a third party, please notify your dealer, name and address of the new purchaser so that traceability can be maintained.

WARNING: It is strictly forbidden to make any changes to the configuration of the machine. Modifications made to the machine release the manufacturer from any liability for damage that may result.

NOTE: Some of the pictures in this manual may not correspond exactly to the actual configuration of the machine: this in no way affects the validity of the information and instructions described and consequently does not affect the safety of the operator.

1.1.1.4 Safe Working Practices

The following practices should be followed for safe working:

- It is absolutely forbidden to operate the machine in automatic mode with the fixed and/or movable guards removed.
- It is absolutely forbidden to disable the safety features installed on the machine.
- Reduced safety operations must be carried out in strict compliance with the instructions given in the relevant descriptions.
- After a safety-reduced operation, the machine's state with guards in place must be restored as soon as possible.
- A clear working area around the machine is essential for safety; the floor must be well maintained and free of material.
- Make sure there are no foreign objects before starting the system.
- Report system malfunctions as soon as they are observed, including defects in guards or tools.
- Pay attention to objects that may cause injury: remove rings, watches, bracelets, ties, tighten sleeves tightly around the wrists, keep hair tied back.
- Wear personal protection that complies with accident prevention regulations: appropriate footwear, noise protection, respiratory protection, protective goggles or shields, gloves when handling tools or raw materials.
- The operator must never leave the machine unattended during operation.
- During cleaning, maintenance, defect detection, and correction, safety procedures must be applied.
- Set the main switch to zero to electrically isolate the machine when cleaning or maintenance is required; the user manual must be kept near the machine so that it can be used at all times.
- It is forbidden to use the machine under the influence of alcohol, drugs, or medicines that may alter the psychophysical state.
- It is forbidden to keep objects inside the electrical cabinet.
- Ensure that any tools or support devices (including rings and spacers) are suitable for the purpose declared by the manufacturer.

1.1.1.5 Danger Areas

The Sheet Feed 75 has moving parts that can present a risk of injury if not operated with caution. This section identifies the key danger areas.

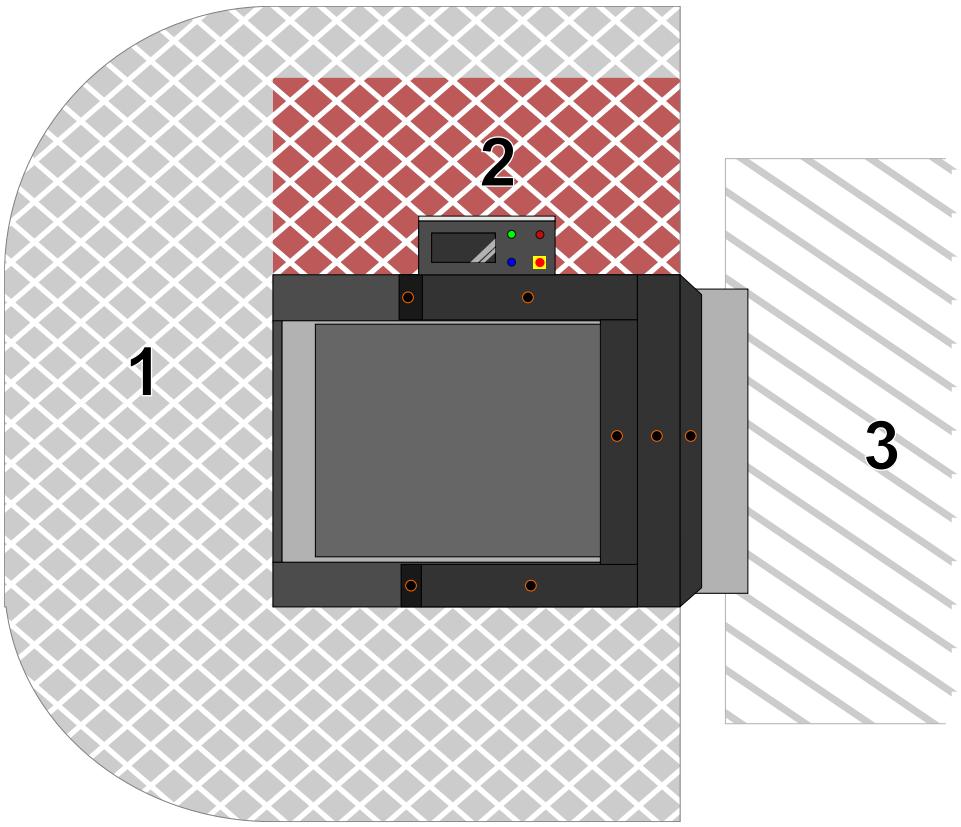

FIG 1-1: DANGER AREA

The areas marked with ● in the figure above indicate the primary moving parts. These parts move from above the feeder to above the cutting table. Area **3** represents the location of the Summa F series cutting table. Area **1** with **2** is the general danger zone.

WARNING: Operators should *not* be within area **1** during operation. The operator is needed in area **2** to operate the feeder and when the operator is within this area, extra caution is required and all procedure further described in this manual need to be followed strictly.

1.1.1.6 Safety Symbols on the Machine

Safety labels are strategically placed on the machine to highlight potential hazards. It is crucial to understand the meaning of these symbols to ensure safe operation and prevent accidents.

Make sure to observe all caution labels on the machine.

The table below explains the meaning of each safety symbol:

	Hazard, shearing zone
	Danger, moving parts, risk of entrapment
	Hazard, high voltage, risk of electric shock
	General danger
	Danger, compressed air
	Danger, risk of crushing hands
	Danger, risk of hand injury
	Warning, corrosive elements
	Danger, risk of ejection of pieces
	Danger, risk of crushing hands
	Do not enter this area
	Do not remove the safety devices

	Do not lubricate or service during operation
	No maintenance before switching off the device
	Ear protection must be worn
	Protective safety boots must be worn
	Eye protection must be worn
	Helmet must be worn
	Protective gloves must be worn
	Refer to instructions in manual

There are no user-serviceable parts inside the machine. For servicing refer to qualified personnel only.

Turn off the machine and contact a service representative immediately if any of the following occur:

- There is visible mechanical damage.
- The power cord is damaged.
- The machine (or parts of it) has been damaged by an impact.
- Liquid was spilled on the machine.
- There is a strange noise, smoke, or an unusual smell coming from the machine.

1.1.1.7 Safety Features

The Sheet Feed 75 is equipped with multiple safety features to minimize risks during operation. The entire line is protected by its structure, doors, and perimeter light barriers (except for product entry and exit areas), preventing access to hazardous areas during processing.

1.1.1.7.1 Active Safeties

Emergency Stop Switch

An emergency stop switch is located next to the control panel. Pressing this switch immediately cuts power to the motors, stopping the machine. To unlock, turn the emergency switch clockwise.

WARNING: Built-in safety features cannot prevent the release of high kinetic energy during an emergency stop or unforeseen malfunction. They are not a guarantee against injuries.

Door-opening Safety Device

The loading door is equipped with an alarm switch that shuts off the machine as soon as the door is opened.

Bumper on Top Beam

The top beam, which picks up and moves material onto the flatbed cutter, has a built-in switch that stops its movement if it encounters an obstruction.

Air System Exhaust

The pneumatic system includes an exhaust device to relieve pressure in case of an emergency.

1.1.1.7.2 Passive Safeguards

Protective Covers

Structures are covered by metal and plastic panels that require special tools for removal in areas not covered by barriers.

Fixed Perimeter Guards

Fixed perimeter guards restrict access to high-risk areas.

1.1.1.7.3 Verification of the Security Systems

WARNING: Before operating the machine, familiarize yourself with the location of the emergency button (section 1.2, item 4 in fig 1-2) and the loading door with the alarm (section 1.2, item 7 in fig 1-2).

WARNING: Regularly check the safety systems.

Verify the emergency button daily. When pressed, the machine should enter an emergency stop state. The emergency button locks when pressed. Twist it to reset.

Verify that the machine stops when the loading door is opened.

WARNING: If any faults are found, immediately switch off the machine and contact the service department to investigate the cause.

1.1.1.7.4 Residual Risks

During the design phase, all risk zones have been assessed, and precautions have been taken to minimize risks.

The machine is designed to reduce (as far as technically foreseeable and in compliance with the standards applied for this purpose) risks of accidents or injuries during daily use.

The main purpose of applying safety devices or procedures is to prevent, under conditions of normal use, failure or malfunction, the occurrence of situations that may affect the safety of exposed persons.

Despite these measures, some minimum risk factors may still be present due to the unpredictability of certain events.

The machine is supplied with signs highlighting danger, attention, and risk zones. Ensure these signs are visible and legible at all times.

NOTE: Refer to section 1.1.1.6 for a complete list of warning signs and their meanings.

1.1.1.8 Personal Protective Equipment

During operating or servicing, the operator must wear close-fitting clothing and appropriate protective equipment.

Appropriate protective equipment may include:

- Work clothes (safety shoes and gloves).
- Goggles.
- Ear protection.

WARNING: There is a risk of injury from being caught or trapped in moving machine parts. Keep hands, hair, clothing and jewellery away from moving parts. Do not wear jewellery, loose clothing, scarves or open jackets or shirtsleeves.

1.1.2 Operating Environment

WARNING: A clear work area around the machine is essential for safety: the floor (preferably of non-deformable material, an industrial-grade concrete floor is recommended) must be level, well maintained and free of material.
The machine can only work in indoor industrial environments.

WARNING: The machine may not be operated in environments classified as potentially explosive according to Directive '94/9/EC' (ATEX).

1.1.2.1 Environmental Conditions

Environmental conditions can significantly impact machine performance. Refer to the site preparation document for detailed restrictions and recommendations.

The environmental conditions of the machine (without media) are as follows:

Operating temperature	15 to 35 °C	59 to 95 °F
Altitude	Up to 1000 m	Up to 3250 feet
Relative humidity	35 - 75 %, non-condensing	

The environmental conditions for the media may be stricter than those of the machine itself. Please refer to the documentation for the media being used. Ensure the media has had enough time to acclimatize to the operating environment.

1.2 Feeder Components

The automatic loader system for sheets of paper and cardboard consists of a lifting mechanism that collects products from a buffer and positions sheets near the Summa F series cutting system.

Key features include:

- Maximum sheet size: 750x1050 mm
- Separators and spacers for placing up to 3 A4 or 2 A3 sheets in a row
- Working height: 835 mm +/-20
- Equipped with wheels for easy movement and positioning
- Locking systems to secure the unit near the cutter

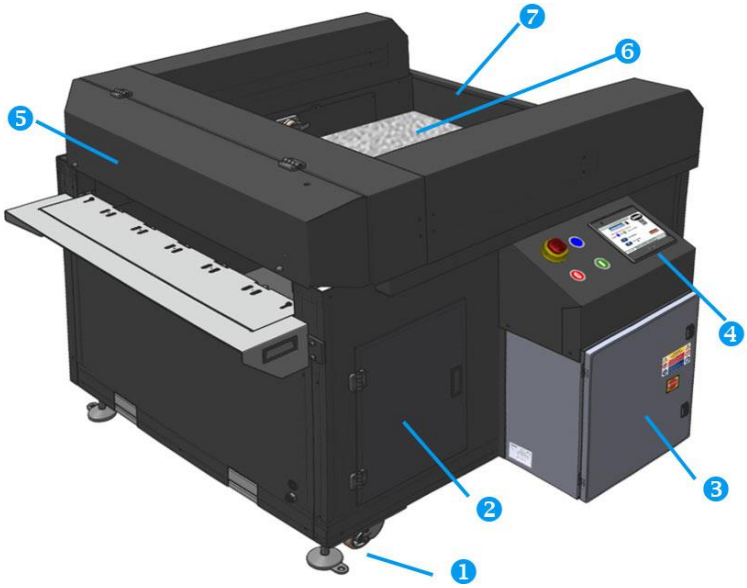

FIG 1-2: FEEDER FRONT VIEW

1. Feet and casters. The Feeder can be moved if necessary. The feet are used for setting the feeder at the correct hight for using the feeder. They are turned in so the feeder can then rest on the casters to move it.
2. Pneumatic controls door. Houses pneumatic controls. Only trained technicians should perform calibration and maintenance, but users must know how to cut pneumatic air pressure if needed.
3. Power On/Off switch. Located on a cabinet containing all electrical circuitry.
4. Control panel. Features a touch screen and 4 buttons.
5. Top structure. C-shaped structure that moves back and forth to load material from the feeder onto the cutting table. The front beam has a door with a trip switch for safety.
6. Table. Surface for loading sheets.
7. Rear door. Can be opened to load sheets. Equipped with a trip switch for safety. Stop the machine before opening this door to load sheets.

2 BASIC OPERATION

2.1 Machine Preparation and Safety

Perform the following checks before loading media into the feeder:

1. Ensure the feeder is not operating. Push the stop button if necessary.
2. Check that the compressed air is switched on (located next to the compressed air regulator).
3. Verify that all doors and covers on both the feeder are closed.
4. Ensure the emergency button is not pressed.

2.2 Material Loading

The loading process for media varies depending on the thickness and rigidity of the sheet material. The following sections provide detailed information on how to load different types of media.

2.2.1 Material Loading

1. Open the rear door of the feeder.
2. Stack the sheets on the tray, pushing them all the way to the front.
3. Align the sheets based on the cutting requirements:
   - If specific cutting positions are required, align the sheets accordingly.
   - Otherwise, position the sheets approximately 5 cm from the left side.
4. For thin or light sheet material, use appropriate sheet separation feature(s) e.g. (page 2-3 "Sheet Separation Features"). For thick sheet material, retract the fingers (page 2-3 "Extending and Retracting Fingers").
5. Close the rear door.

FIG 2-1: LOADING MATERIAL

1. Loading door opened for loading.
2. Stack of sheets to be cut.
3. Guides with brushes.
4. Metal fingers.
5. Suction cups.

2.2.2 Sheet Separation Features

When working with thin sheet materials, multiple sheets may adhere to one another during the picking process. To address this issue, several features have been implemented to assist in separating sheets that cling together.

2.2.2.1 Blow at Pick

This touch screen option activates a fan at the moment of picking, helping to separate the sheets.

FIG 2-2: TOUCH SCREEN OPTIONS FOR BLOW AT PICK

2.2.2.2 Pick Rotation

This touch screen option initiates a rotating movement of the suction cups when the sheets are raised, further reducing adhesion.

FIG 2-3: TOUCH SCREEN OPTIONS FOR PICK ROTATION

2.2.2.3 Thin Metal Separation Plates ("Fingers")

Thin metal plates (called fingers) are used to separate individual sheets for picking, proving especially useful when handling thin sheet materials.

The fingers can be adjusted all at once or separately to avoid interference with the guide and/or optimize sheet separation.

2.2.2.3.1 Extending and Retracting Fingers

1. Open the front guard.
2. Loosen the screws of the relevant fingers.
3. Pull the loosened fingers backwards to retract them or forwards to extend them.
4. Tighten the screws of the adjusted fingers.

2.2.2.3.2 Activating the Fingers

1. Open the front guard.
2. Loosen the thumbscrews of the plate (❷) about one turn counterclockwise to loosen the plate.
3. Position the plate in its most forward position.
4. Tighten the thumbscrews of the plate to fix it.
5. Close the front guard.
6. Ensure the extended fingers (❶) protrude sufficiently to separate the sheets. Adjust if necessary.

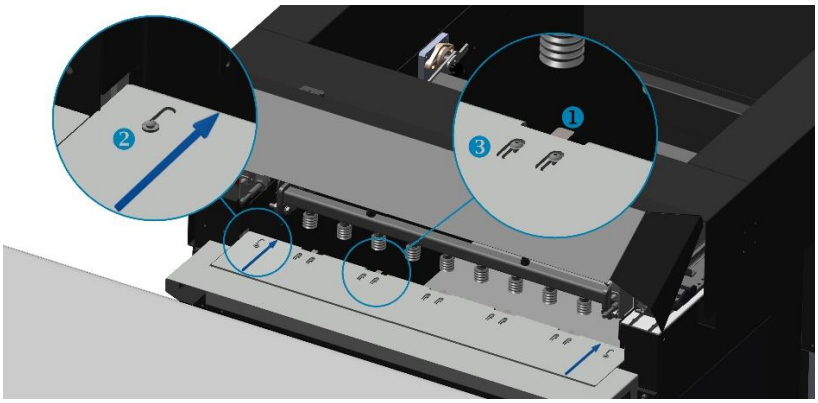

FIG 2-4: ACTIVATING THE FINGERS

2.2.2.3.3 Deactivating the Fingers

1. Open the front guard.
2. Loosen the thumbscrews of the plate (❷) about one turn counterclockwise to loosen the plate.
3. Position the plate in its most backward position. The fingers (❶) that are still extended will no longer protrude the sheet material.
4. Tighten the thumbscrews of the plate to fix it.
5. Close the front guard.

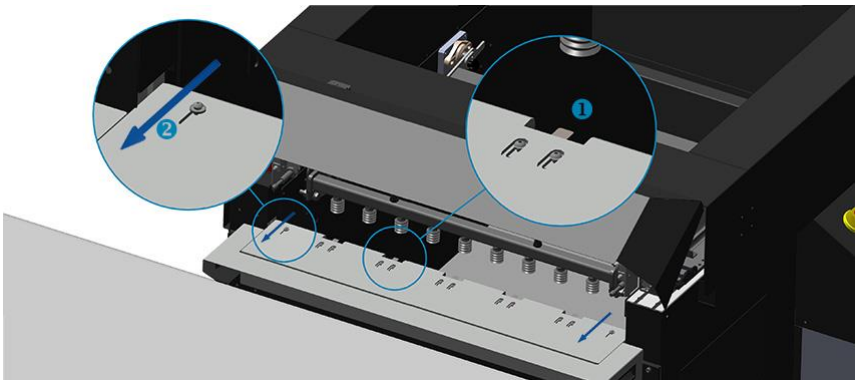

FIG 2-5: DEACTIVATING THE FINGERS

2.2.2.4 Guides with Brushes

On the front of the loading area, magnetic guides with brushes (❶) are located. These guides can be used as reference rulers when positioning sheets for processing.

1. Place the guides on both the left and right side.
2. Position the guides so that the brushes just touch the edges of the sheets.
3. Ensure the fingers (❷) protrude sufficiently to separate the sheets.
4. If a guide needs to be positioned where a finger is located, the finger can be repositioned separately to avoid interference.

FIG 2-6: USING THE GUIDES WITH BRUSHES

2.3 Control Panel

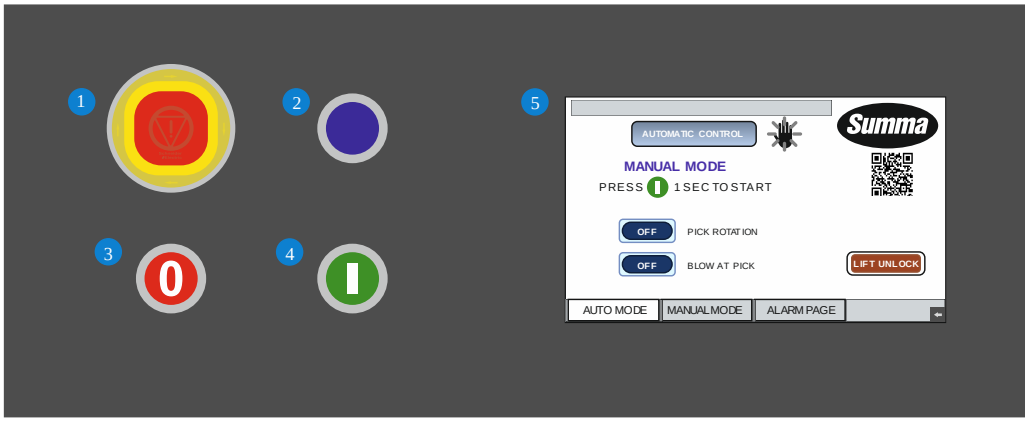

FIG 2-7: MAIN CONTROL PANEL

1. Emergency button to push in case of an emergency.
2. Emergency circuit reset button to set the machine in starting configuration (page 2-11 "Emergency Circuit Reset").
3. Stop button: Press to stop the feeder's operation.
4. Start button: Press to enable feeder-cutter communication.
5. The touchscreen displays the different menus with their buttons to set up working conditions.

2.3.1.1 Automatic Mode

The machine starts up in automatic mode.

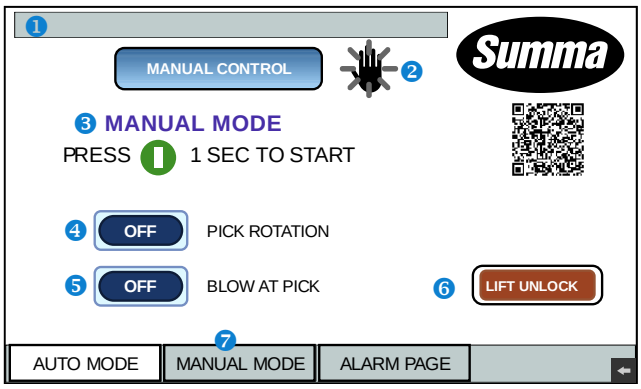

FIG 2-8: AUTO MODE START SCREEN

1. Alarm bar showing possible alarms.
2. Automatic/manual operation banner.
3. System information.
4. To activate/deactivate rotation if necessary during picking.
5. To activate/deactivate the blower during picking if necessary.
6. Lifter unlock button, to be used in case of lifter safety blockage.
7. Page navigation button.

Keep the start button pressed for one second to prepare the feeder to receive commands from the cutter table.

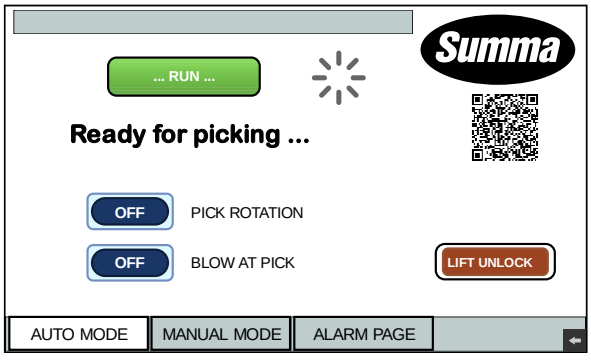

FIG 2-9: READY IN AUTO MODE

NOTE: If the rotation or blower is activated/deactivated, then an additional confirmation window will appear to make sure the change was not unintended. Rotation and activating the blower are usually used with thin (light) media.

2.3.1.2 Manual Mode

Manual mode allows the operator to activate/deactivate and test system functionalities.

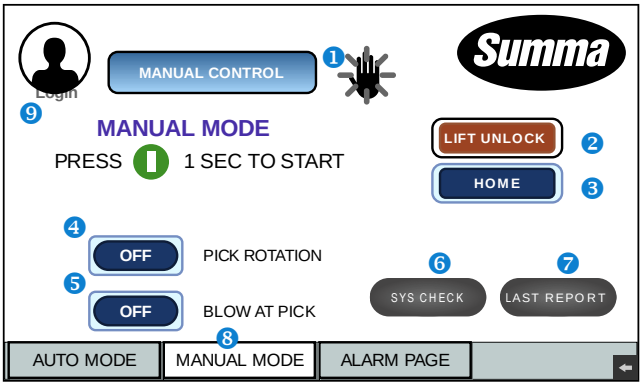

FIG 2-10: MANUAL MODE START SCREEN

1. Operation mode indicator: displays the current operation mode (automatic or manual).
2. If the lifter becomes blocked, press and hold this button for 3 seconds to activate the hydraulic system and release the blockage.
3. Reset button to home position.
4. Activate rotation during the picking phase, if necessary.
5. Activate the blower during the picking phase, if necessary.
6. For troubleshooting (page 2-10 "System Check").
7. Visualisation of the last troubleshooting results (page 2-10 "System Check").
8. Page navigation button.
9. The login button is exclusively for authorized service technicians.

Keep the start button pressed for one second to prepare the feeder to receive commands from the cutter table.

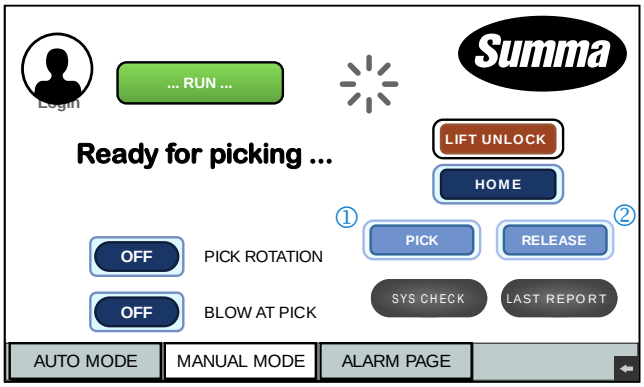

FIG 2-11: READY IN MANUAL MODE

Two other functionalities become available:

1. Simulate a pick command from the cutter.
2. Simulate a release command from the cutter.

2.3.1.3 Alarm Page

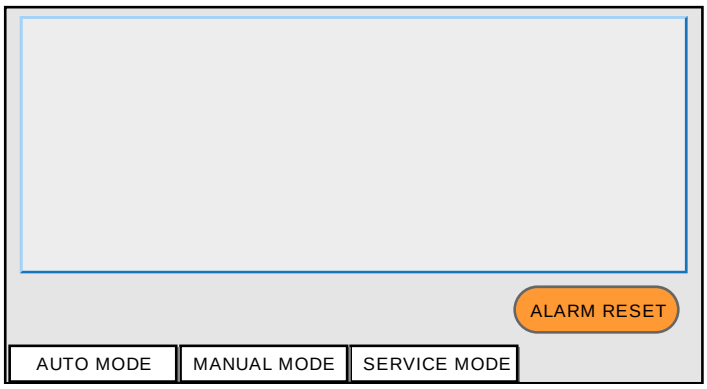

FIG 2-12: ALARM PAGE

The alarm page displays a list of current alarms, including the date and time of their occurrence.

Message	Description	Demanded Action
EMERGENCY ACTIVATED	Back door open or emergency button activated	Close the back door or unlock emergency Button. Reset the emergency circuit (page 2-11 "Emergency Circuit Reset").
LIFTER UP OUT OF RANGE	Lifter reached excessively high level	Set to manual mode by tapping the automatic mode button and reset the machine by tapping the reset button.
SHEET LEVEL TOO HIGH	Lifter with sheet column reached excessively high level, posing risk of damaging the machine	Verify if the sheet level sensors are correctly working. Set to manual mode by tapping the automatic mode button and reset the machine by tapping the reset button.
FRONT COLLISION	Safety sensor on the front of the loader arm detected a collision	Check the cause of the collision. Eliminate the source of the problem and reset the system by tapping the alarm reset button, then tap the reset button in the subsequent window.
LOW PRESSURE ALARM	Low pressure on pneumatic circuit	Check the cause of air absence. Reset the system by pressing the alarm reset button, then click the reset button in the subsequent window.
EMPTY SHEET	No sheets on the system platform	Add sheets onto the lifter. Reset the system by tapping the alarm reset button, then tap the reset button in the subsequent window.
TIMEOUT	Sheet feeding operation exceeded time limit	Check for any communication issues with the cutter device or blockages in the system's movements. Resolve the cause of the alarm. Reset the system by pressing the alarm reset button, then press the reset button in the subsequent window.

2.3.1.4 System Check and Last Report

Both in automatic mode and manual mode, you can use the **SYS CHECK** and **LAST REPORT** buttons to perform a system check and retrieve the report of the last system check, respectively.

When you tap **SYS CHECK**, the first in a series of system check screens appears. Tap **NEXT** to proceed to the next screen or **ABORT** to cancel.

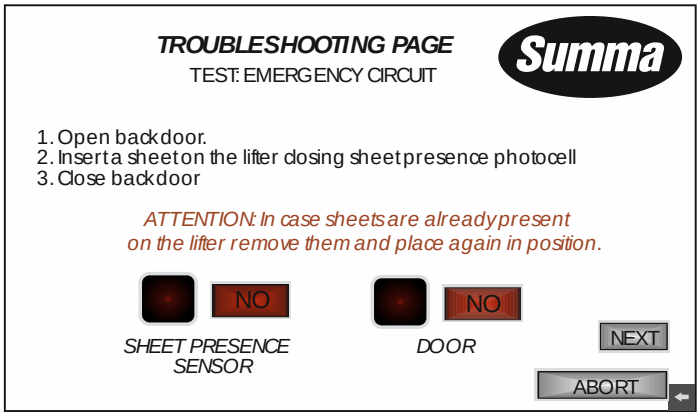

FIG 2-13: TROUBLESHOOTING PAGE

When you complete the full system check procedure, you will see the report at the end. You can later retrieve this report again by tapping **LAST REPORT**.

2.4 Start-up

2.4.1 Checks Before Starting Up the Feeder

The following must be checked before each start-up of the machine:

- All safety systems
- Guards
- Signs

WARNING: It is forbidden to use the machine if the machine's fixed and movable guards (● in FIG 1-14) are not present or incorrectly installed.

2.4.2 Start-up

2.4.2.1 General

1 Power on the feeder (❸ in FIG 1-15). The machine starts up in automatic mode.

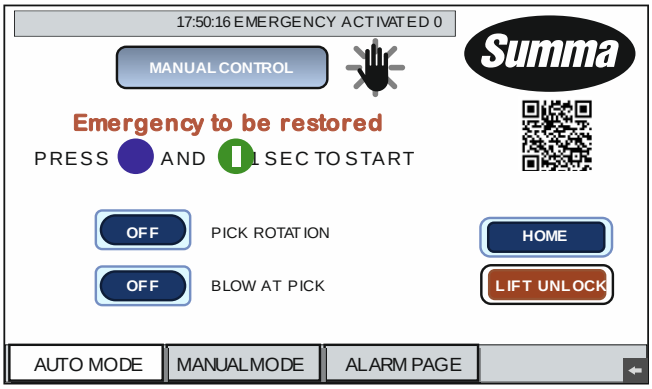

FIG 2-16: START-UP SCREEN

2 Reset the emergency circuit to initialize the machine and return the system to its default configuration (page 2-11 "Emergency Circuit Reset").

3 Press the start button to enable feeder-cutter communication.

2.4.2.2 Emergency Circuit Reset

1 Press the emergency reset button on the control panel. The button will light up to confirm the correct reset.

2 Reset any error messages displayed in the top bar of the touch screen by tapping **ALARM PAGE** > **ALARM RESET**.

2.5 Standard Workflow

This procedure outlines the standard workflow for starting up and operating the F Series Cutter in conjunction with the automatic feeder.

1. Power on the F series cutter and wait for it to initialise. Ensure that the correct tools are loaded.
2. Perform the machine preparation and safety checks on the feeder (page 2-1 "Machine Preparation and Safety").
3. Load the media into the feeder (page 2-2 "Material Loading").
4. Start up the feeder (page 2-11 "Start-up").
5. In GoProduce Flatbed Edition, navigate to the **Device** tab and verify the feeder settings.

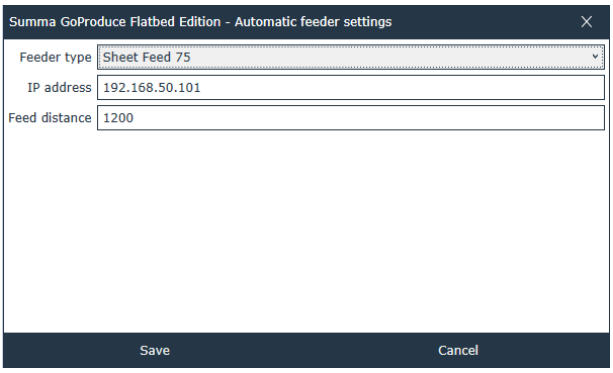

FIG 2-17: FEEDER ACTIVATED IN GOPRODUCE

6. Start the job by selecting the appropriate action set that includes commands for controlling the feeder.

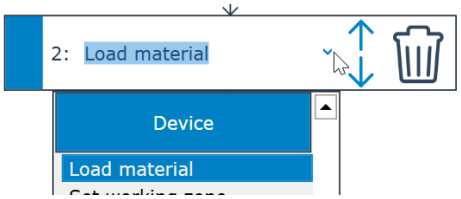

FIG 2-18: ACTION TRIGGERING FEEDER TO LOAD MEDIA

The job will automatically stop once all sheets loaded into the feeder have been processed. Ensure proper synchronization between the feeder and cutter throughout operation.

3 MAINTENANCE

3.1 Maintenance Requirements

To prevent unexpected breakdowns, maintenance personnel must adhere strictly to the prescribed maintenance schedule.

3.2 Qualified Personnel

Maintenance tasks should only be performed by authorized maintenance technicians. These individuals must:

- Possess appropriate technical-professional qualifications
- Be suitably trained and informed
- Be responsible for mechanical and electrical maintenance and machine adjustments

3.3 Maintenance Schedule

Verification	Timing	Who's concerned	Procedure
Machine cleaning	Before each shift	Operator	Check for the absence of dust and/or other residues that could affect operations. Use blowing systems in cases of extreme necessity only.
Humidity checks on air filtration unit	Weekly	Maintenance	Check for the presence of moisture inside the collection cup located on the air filtration unit (page 3-3 "Check Compressed Air System Collection Cup").
Checking suction unit cleanliness and suction cup wear	Every 200 working hours	Maintenance	Check the cleanliness of the suction unit filters and the wear level of the parts.
Drives	6 months	Maintenance	Visual inspection and cleaning of the component. Check for correct functioning, operating temperatures and absence of extraneous noise.
Linear guides and sliders	6 months	Maintenance	Grease bearing supports, pinion/rack couplings, linear axes/rackets.
Check screw tightness and flatness of ground installation	6 months	Maintenance	Check that all system screws are properly tightened and that the system is firmly on the ground.

NOTE: It is advised to maintain a record of all maintenance actions and dates, except for daily inspections.

For more detailed maintenance information, consult the service manual.

3.3.1 Check Compressed Air System Collection Cup

WARNING: Only perform this procedure if you have received proper instruction on how to do so.

1. Open the door next to the control panel (❷ in FIG 1-1).
2. Locate the collection cup of the compressed air regulator.
3. Check the cup for any moisture.
4. Drain the cup if it contains any liquid:
   a. Place an absorbent material under the bleed point.
   b. Turn the valve underneath the cup to drain the liquid.
   c. Ensure the liquid is absorbed and does not enter the machine structure.
5. Close the door.
6. Record the maintenance action in the feeder's maintenance log, including the date.

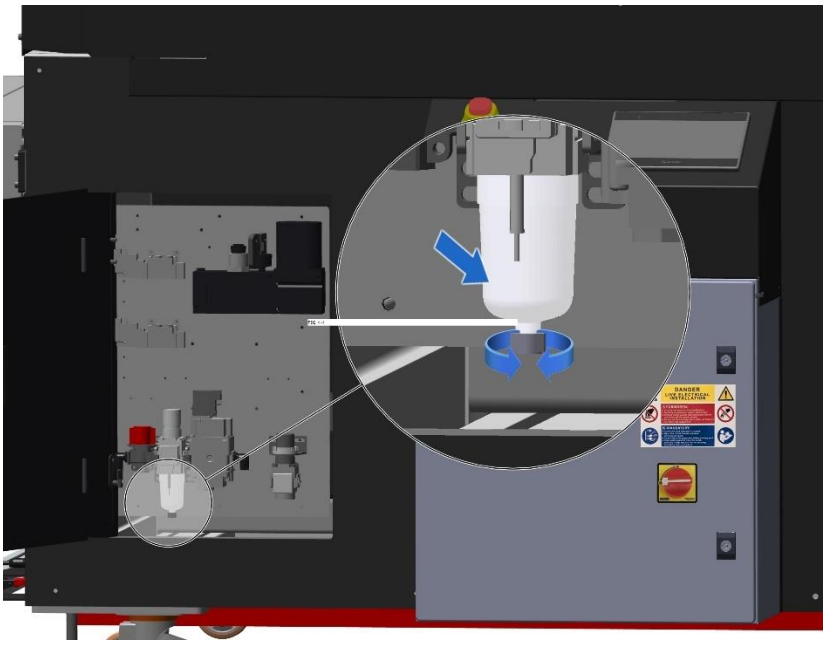

FIG 3-2: CHECK FOR MOISTURE IN COMPRESSED AIR SYSTEM

WARNING: Excessive and continuous presence of water, oil, or their emulsions can cause system malfunctions. If this occurs, perform extraordinary maintenance on the machine.

WARNING: The pneumatic air system must be equipped with all necessary precautions to prevent oil or moisture from entering the system, as this can lead to malfunctions and reduced performance.

4 SPECIFICATIONS

4.1 Feature List

4.1.1 Main Unit

- Rotatable vacuum rail with 9 suction cups
- Stack guides with brushes
- Adjustable sheet separation fingers
- Pressure arm
- Sheet separation nozzles
- Sheet presence sensor
- Rear loading zone with safety door
- Sheet collector depth: 450mm
- Roll-in/roll-out design with the aid of a pallet truck
- Docking mechanism to interlock with F1612 roll support

4.1.2 Included Hardware

- 500-9422: Set of 5 levelling feet
  - An additional 500-9422: Set of 5 levelling feet is required in combination with 500-9126: Front Conveyor Extension

4.1.3 Software

4.1.3.1 Summa GoProduce Flatbed Edition (not included)

The Sheet Feed 75 is fully controlled through the Summa GoProduce Flatbed Edition software. Minimum required version: v3.0

4.1.3.2 GoConnect (included)

For Summa GoProduce Flatbed Edition to be able to connect with the Sheet Feed 75, an additional license is required: 500-9423 GoConnect license.

4.2 Technical Specifications

4.2.1 Machine Dimensions

A	B	C	D	E	F	G	Weight
2070mm	1355mm	800mm	1677mm	1115mm	830mm	1684mm	350 kg

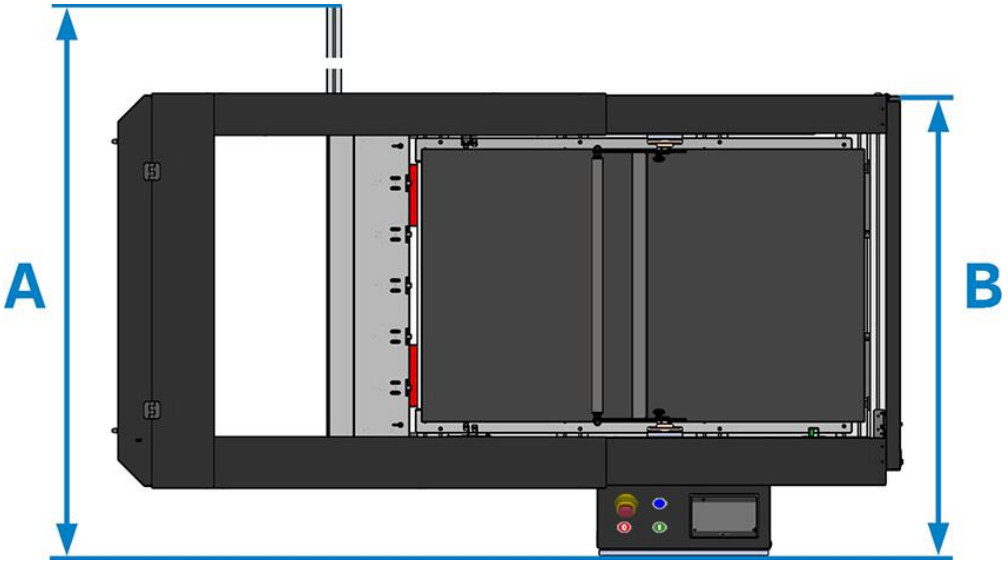

FIG 4-1: MACHINE DIMENSIONS TOP VIEW

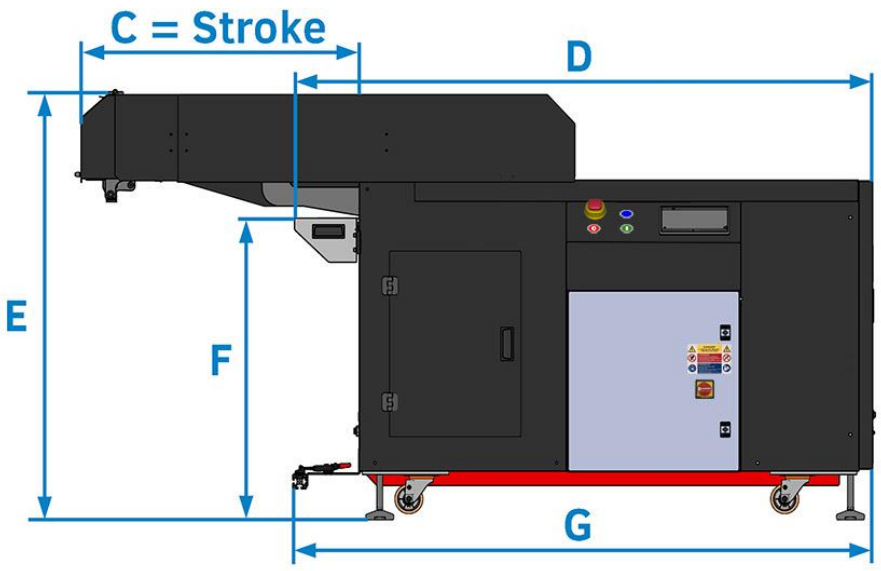

FIG 4-2: MACHINE DIMENSIONS SIDE VIEW

4.2.2 Shipping dimensions

Description	Dimensions (w x d x h)	Weight
Main unit	1800 x1500x1300 mm	600 kg

4.2.3 Media Handling

Minimum Sheet Size	A4 210mmW x 300mm L
Maximum Sheet Size	B1XL 750mm W x 1050mm L
Minimum Board Thickness	0.3 mm
Maximum Board Thickness	3 mm
Maximum Stack Height	450 mm
Maximum Stack Weight	500 kg
Maximum Sheet Weight	TBD
Multiple Sheet Stacks	2 x A3 or 3 x A4

4.2.4 Noise level

- In conference with ISO 4871
- Sound pressure level: TBD

4.2.5 Interface

Communication	Ethernet
GoProduce Flatbed Edition	Software driver for Summa F Series
GoConnect	Option within SGP FE to connect with Sheet Feed 75

4.2.6 Environmental

Operating temperature	15 to 35 °C	59 to 95 °F
Storage temperature	-30 to 70 °C	-22 to 158°F
Relative humidity	35 - 75 %, non-condensing	

4.2.7 Electrical

- 380-400 V, 3-phase,16 Amp, 50 Hz
- Power consumption: 2400 W

4.2.8 Compressed Air

- 7 bar (100 PSI) @ 400 l/min (14.1 cfm)
- Class 4 ISO 8573-1 or additional air cleaner/dryer

4.2.9 CE Declaration and Plate of Conformity

The machine is supplied by the manufacturer in its final form, ready to be installed at the place of destination. It does not require any additional implementation, except for the use of lifting and handling devices and the necessary connections to service facilities.
The structure of the machine and the function it performs during the operating process do not represent the machine among those listed in Annex IV of Legislative Decree no. 17/2010, transposition by the Italian state of Community Directive 2006/42/EC (Machinery Directive), therefore the manufacturer proceeds in a "self-certification" regime to draw up the documentation, issue the certificate of conformity and affix the CE marking to the product.


M39
DECLARATION OF CONFORMITY CE
800 del 15/12/2021
Pagina 1 di 1
MANUFACTURER
MAINIT Srl
Via Guido Rossa, 11 - Sinalunga (SI) - ITALIA
Tel. 0577-684272 - Fax. 0577-684272 - www.mainit.it -info@mainit.it
DECLARES THAT THE PRODUCT
PRODUCT NAME:
XXXXXXXXXXXXXXX
SERIAL NUMBER:
XXXXXXXX
CONSTRUCTION YEAR:
XXXXXXXX
CONFORMS TO THE FOLLOWING PRODUCT SPECIFICATIONS
European Council Directive 2006/42 / EC on the approximation of the laws of the Member States relating to machinery;
European Council Directive 2014/35 / EU on the approximation of the laws of the Member States relating to electrical equipment intended for use within certain voltage limits;
European Council Directive 2014/30 / EU on the approximation of the laws of the Member States relating to electromagnetic compatibility.
The technical documentation has been compiled in accordance with Annex VII A of Directive 2006/42 / EC.
SIGNATURE
PERSON IN CHARGE: LEONARDO GIANNINI
ROLE IN THE COMPANY: TECHNICAL DIRECTOR
Sinalunga, 15/12/2021
www.mainit.it
info@mainit.it
Mainit s.r.l. Via Guido Rossa, 11 - 53048 Sinalunga (SI) - p.iva:01408880522 - tel:0577-684272 - www.mainit.it

FIG 4-3: CE DECLARATION OF CONFORMITY

4.3 Identification

4.3.1 Label Overview

There are two identification labels on the machine:

1. Summa label
2. Manufacturer label

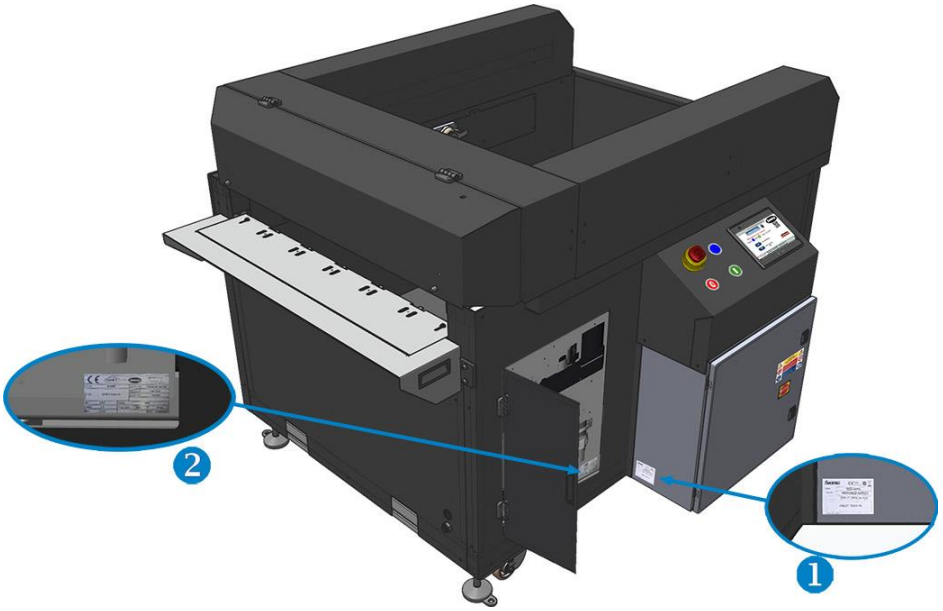

FIG 4-4: IDENTIFICATION LABELS

4.3.2 Label Information

Brand: Trademark

Type: Machine type

Year: Year of manufacture

Serial No.: Serial number

Model: Machine model ~:

Weight: Machine weight (kg)

Date: Date of issue of nameplate

In: Nominal Current (A)

Imax: Maximum Current (A)

Icc: Short-circuit breaking capacity (kA)

w.d.: Circuit diagram number

~: Alternating current

Un: Rated voltage (V)

F: Electrical frequency (Hz)

4.3.3 Verification of CE Plate Data

Ensure that the information on the CE plate matches the data provided on the Declaration of Conformity. If discrepancies are found, contact your dealer.

5 CONTACT FOR SUPPORT

When reaching out to your dealer (or to Summa directly, only if instructed by your dealer) regarding any machine-related inquiries, always provide the following essential information:

- Machine model
- Year of manufacture
- Serial number
- Operating voltage and frequency

Providing these details will expedite the support process and ensure accurate assistance.