

Manual
Neo-Tint[®]



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1 About this manual

This manual provides all the information required to:

- Install the machine
- Operate the machine
- Perform basic maintenance
- Troubleshoot minor issues

Throughout this manual, the Neo-Tint dispenser and all its variants are collectively referred to as the *machine*. This document contains the original instructions. The original language of this manual is English. All translated versions are based on these original instructions.

1.1.1 Using This Manual

1. Familiarize yourself with the structure and content of the manual.
2. Read the Safety chapter carefully and ensure you fully understand all instructions (see *Safety* on page 6).
3. Follow the procedures completely and in the specified order.

1.2 Version History

Edition	Editor	Check	Date	Description
1.0	AKS	RM	23/07/2025	First edition

2 Safety



Read this manual thoroughly before installing or operating the machine. Failure to follow the instructions may result in personal injury, death, or property damage.

2.1 Intended Use

This machine is designed exclusively to dispense colorants into paint cans. Any other use is strictly prohibited.

Fast & Fluid Management India assumes no responsibility for damage, injury, or malfunction resulting from unauthorized modifications to the machine or its accessories.

2.2 Liability

2.2.1 General Liability

Fast & Fluid Management India will not be held liable for any issues arising if the following rules are not observed:

- The machine is for indoor use only.
- This machine is intended for commercial environments only; it is not a household appliance.
- Comply with all applicable local safety regulations.
- Ensure the floor meets the minimum structural load-bearing requirements.
- Install the machine in a well-lit, well-ventilated area.
- Follow all installation and connection instructions provided in this manual.
- Connect the machine to a properly grounded wall socket.
- Do not use extension cords or power cables with inadequate ratings.
- Ensure the power cable is easily accessible at all times.
- Do not place heavy objects on the machine.
- Do not operate the machine if it is damaged. If in doubt, contact your supplier (see *Contact Service* on page 20).
- Keep the machine in proper working condition. Replace defective parts immediately.
- Use only original Fast & Fluid Management India spare parts.

Any maintenance or repair work beyond what is described in this manual must be performed by a qualified service technician trained and certified by Fast & Fluid Management India.

2.2.2 Machine-Specific Liability

This machine is designed to dispense colorants into paint cans under non-hazardous conditions.

To avoid accidents or hazardous situations such as personal injury, fire, or explosion, consult the Health & Safety Officer of your paint and or colorant supplier.

- Always follow the Material Safety Data Sheets (MSDS) for all colorants, base paints, and brush liquids.
- Never use flammable liquids in the brush container.
- Avoid using flammable colorants or those that release potentially explosive vapours, as these pose fire and explosion hazards.

2.3 Installer Qualification

Only individuals who have received written authorization from the machine supplier are permitted to install the machine.

2.4 Safety symbols on the machine



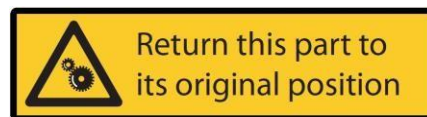
Rotating parts hazard



Electrical hazard



Read the manual



Instruction

2.5 Safety symbols in the manual



Warning

Can cause personal injury.



Caution

Can cause damage to the machine.



Note

Shows further information.

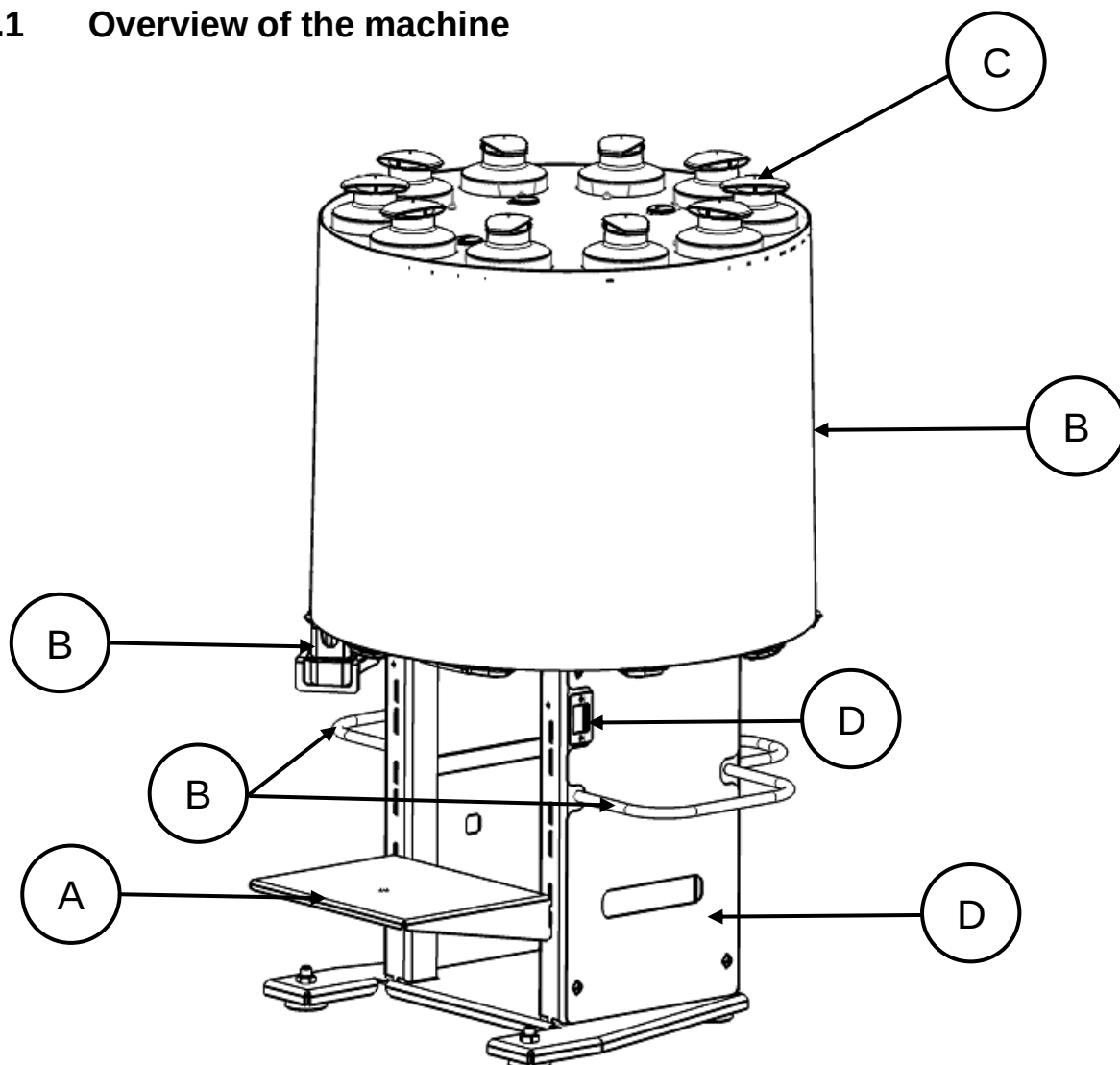
2.6 Disposal of the Machine

1. Separate the machine, its accessories, and packaging materials to ensure environmentally responsible recycling.
2. Do not dispose of the machine with household waste. Dispose of it in accordance with local waste disposal regulations.
3. Canisters must be treated as chemical waste and disposed of in compliance with local regulation

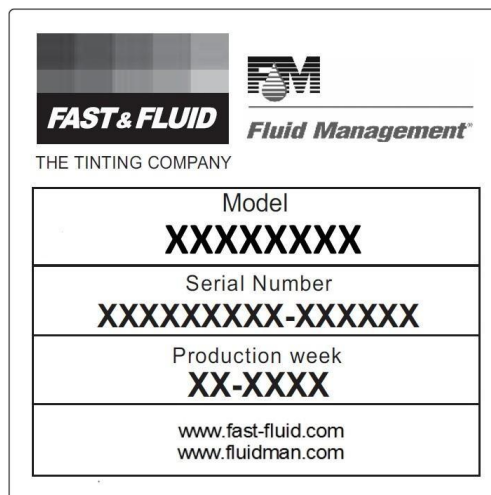


3 Operator Manual

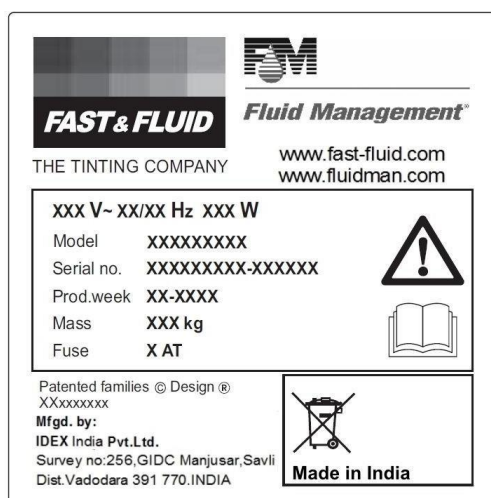
3.1.1 Overview of the machine



3.1.2 Type plate: serial number



3.1.3 Type plate: details



3.2 Operation



Warning

- Use the emergency stop switch only in the event of a safety-related emergency.
- Before resetting the emergency stop switch, ensure that the issue has been fully resolved.
- Once the emergency stop switch is reset, the machine will restart automatically. Two audible beeps will indicate that the machine is operational.



Caution

- Do not disconnect the machine from the power supply. The machine must remain powered to periodically stir the colorants.

3.2.1 General dispensing procedure

For all the dispense software instructions: see the dispense software documentation.

1. Place the can table in the correct slots for the correct height. See *Placing a can* on page 11.
2. Place the can. See *Placing a can* on page 11.
3. Choose the recipe and dispense. See the dispense software documentation.
4. Remove the can.

3.2.2 Placing a can

1. Measure the can height.



Note

Adjust the table height to match the can height.

2. Before dispensing, pull out the can table (A) and lock it into the appropriate channel slot at the correct height

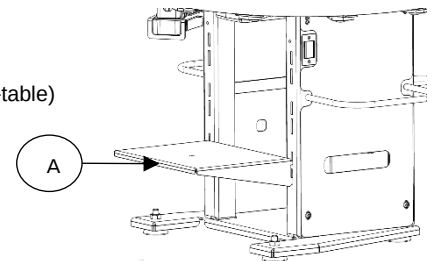


Caution

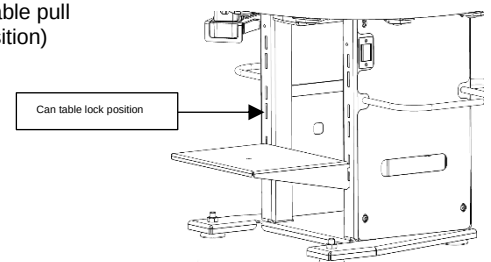
Make sure that the can table is secure.

3. Center the 1L can on the can table, aligning it with the nozzle as shown in position 3.

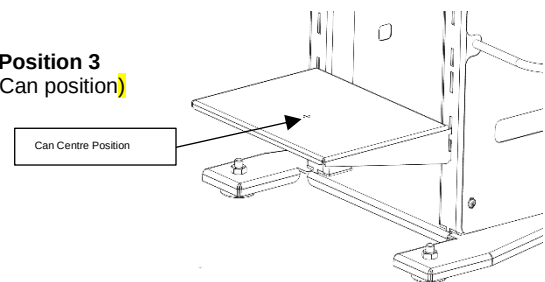
Position 1
(Default flush position of can-table)



Position 2
(Can-table pull out position)



Position 3
(Can position)



3.3 Maintenance



Note

All operations in this chapter can be executed by the operator. For other operations, see *Contact service* on page 19.



Warning

In case of emergency maintenance, press the emergency switch to temporarily shut down the machine

3.3.1 General cleaning: after every dispensing operation

1. Clean the machine with a cloth and remove all spilled colorant or other liquid.



Warning

Avoid cleaning the brush during dispensing operations.

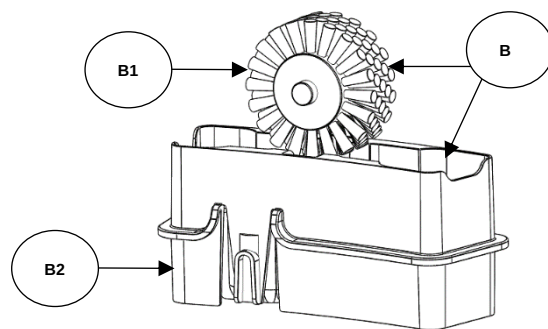


Caution

Avoid using cleaning agents containing organic solvents to clean the machine's plastic parts.

3.3.2 Clean the brush container: Daily 2 to 3 times

- The rotating brushes (B1) clean excess colorant from the nozzles. The brush unit, made up of a Plastic container (B2) and rotating bristle brushes, clicks into a bracket (C).
- Replace the Rotating brush unit every 4 months for best results.



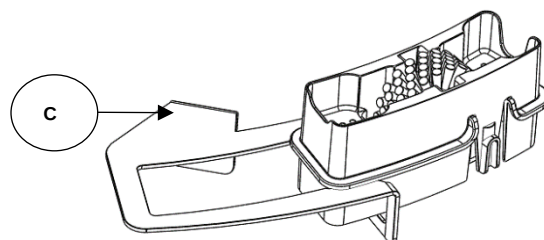
Note

If you do not clean these items daily, mis tinting occur.

1. Slide the brush unit (B) out of the bracket (C).
2. Remove the rotary brushes (B1) from the brush container (B2).
3. Drain the fluids from the brush container.

Note: Dispose of the fluids in accordance with local regulations.

4. Rinse and clean the brush container.
5. Rinse and clean the rotary brushes.
6. Reinstall the rotary brushes into the brush container.
7. Fill the brush container with water for water-based colorant and turpentine oil or oil based cleaning solution for Oil Based Colorant.
8. Slide the brush unit (B) back into the bracket (C).



**WARNING**

Do not put flammable liquids in the brush container.

**Note**

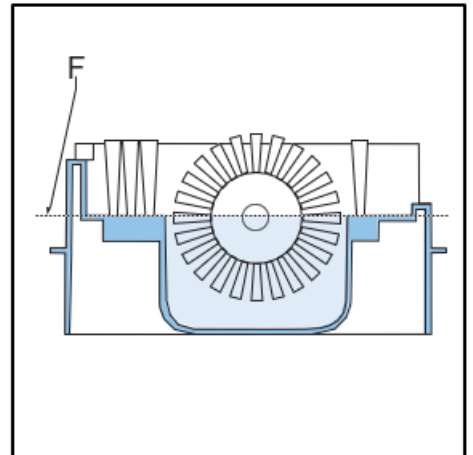
Do not exceed the maximum filling height (F).

**Note**

The optimum fluid level depends on the type of colorant that is used.

**Note**

The brush unit is securely attached to the bracket when it snaps into place. Listen for a click to confirm.



3.1.1 Refilling the canisters



Warning

- Check the colorant's MSDS for the safety gear you need when handling it.



Caution:

- Make sure the canister isn't empty—this can cause wrong amounts or errors.
- Leave 2.5 cm (1 inch) of space; don't fill to the top.
- Don't pour colorant on the agitator.



Note

- The software continuously checks colorant levels and indicates when a canister must be refilled.

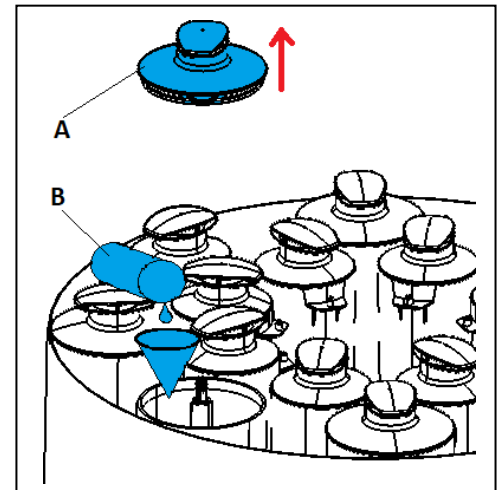
1. In the software, activate the fill canister command.

Note



In the dispensing software, the Fill Canister function starts the turntable motor, positioning the empty canister at the front.

2. Remove the canister lid (A).
3. Follow the instructions displayed on the monitor.
4. Carefully add the specified colorant (B), avoiding spills.
5. Place the lid on the canister.



* **Maintenance kit to be purchase separately**

3.1.2 Using the emergency stop switch

1. Press (0) the emergency stop switch (D).
2. The machine will stop immediately, and all signal lights will turn off.



Caution:

Use the emergency stop switch only in the event of a safety emergency. Do not use it as a regular on/off control.

3. Resolve the issue as quickly as possible.



Caution:

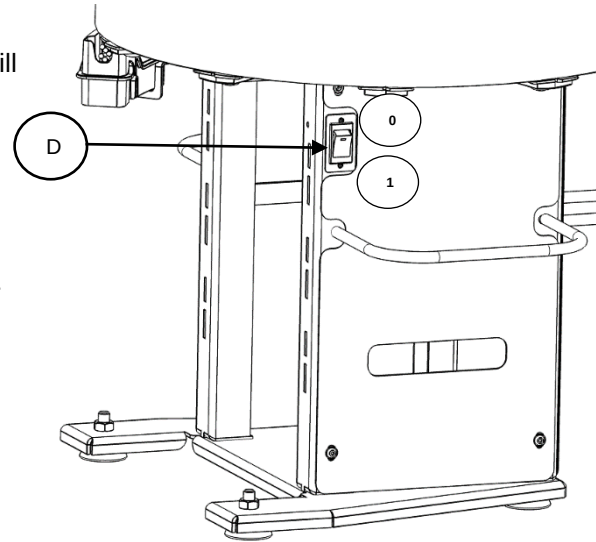
When the machine is shut down, the stirring mechanism—which maintains the colorant's optimal condition—also stops operating.

4. Reset the emergency stop switch by Pressing (1) the switch.
The machine will be ready for use.



Note:

The machine becomes operational once you hear two beeps after resetting.

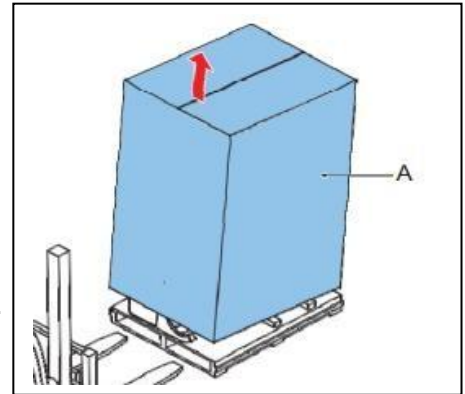


4 Installation

4.1 Unpacking the machine

Remove the cardboard

1. Remove the straps.
2. Remove the cardboard (A).
3. Remove the Canisters from the Box
4. Plug all the canister on turntable plate
5. Put the Top Plate on the top of the canister and lock it.



4.2 Put the machine On position

4.2.1 Move the machine to the final position



Warning

See *Dimensions and mass* on page 18.

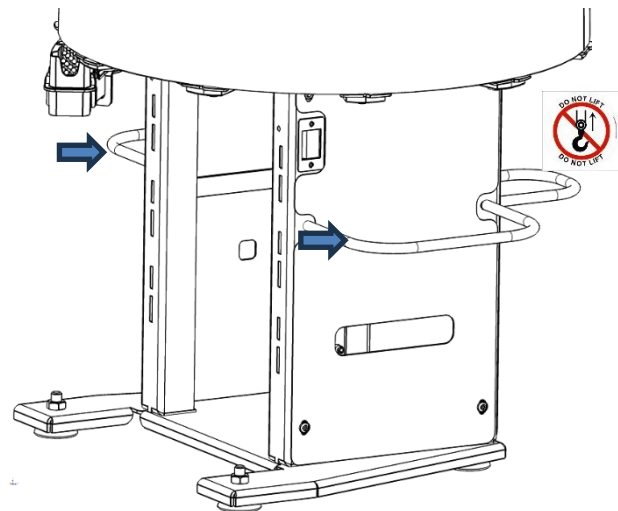


Note

Make sure that the final location is well-lit and well-ventilated.

To place in position:

1. Move the machine backwards from the pallet on to the ground.
2. Do not lift the machine by holding Back side wall blocker
3. Always lift the machine by holding left and right handle
4. Move the machine to the final location.



4.3 Connecting the Computer

4.3.1 Steps to Connect

1. Connect a USB cable between the computer and the power board.
 2. Plug both the dispenser and the computer into a wall socket.
-

4.4 Powering On the Machine

To start the machine:

1. Remove the PP sheet from the bottom side panel (right or left).
 2. Put the UPS inside the bottom frame.
 3. Pass the UPS power cable through the opening plate.
 4. Plug the cable into a wall socket. The machine will beep twice when powered on.
 5. Make sure the emergency stop switch is released.
 6. Turn on the computer.
 7. Start the dispensing software.
-

4.5 Preparing for First Use

Before using the machine for the first time:

1. Fill and place the brush unit (refer to *Cleaning the Brush Container: Daily* on page 11).
2. Correctly fill the canisters (refer to *Refilling a Canister* on page 13).

4.6 Flushing the air out of the pump

Note

Before the first use it is important that all air is removed from all individual pumps.

1. Flush the air out of the pump:

- Use the air flushing command in the dispense software.
- If the dispense software does not have an air flushing command option or is not able to flush the air out of the pump automatically, dispense 120 ml / 3 oz. Repeat the action until all air is out of the pump.

5 Troubleshooting

5.1 General Troubleshooting Procedure

1. Attempt to resolve the issue using the information provided in this manual (see *Troubleshooting Guide* on page 18).
2. If the problem cannot be resolved with the provided guidance, contact service (see *Contact Service* on page 18).

5.2 Contacting Service

1. Locate the type plate on the lower front side of the machine (see *Type Plate: Details* on page 9).
2. Record the machine's model number and serial number.
3. Contact your supplier or the manufacturer. For assistance, visit www.fast-fluid.com (Fast & Fluid Management India EMEA).

5.1 Troubleshooting guide

Problem	Possible cause	Possible solution
The machine is receiving power but is not operating.	Emergency stop is activated.	Reset the emergency stop switch. See <i>Using the emergency stop switch</i> on page 14.
The machine isn't working properly and doesn't respond to the software.	The issue could be caused by a mechanical or electronic problem.	Press the emergency stop switch to reset the machine, then release the switch (see <i>Using the Emergency Stop Switch</i> on page 14). If the issue persists, contact service (see <i>Contact Service</i> on page 18).

2 Technical data

6.1 General specifications

Parameter	Specification
Number of canisters	10
Dispensing	Sequential
Pump type	Piston pump
Cleaning system	Rotary brush
Suitable for	Water colorants
Canister size [L]	1.3L x 8
Pump speed [ml/min]	250
Maximum can height [cm]	40
Can table dimensions [cm]	26.2 x 21.2
Turntable	Unidirectional

6.2 Dimensions and mass

Parameter	Specifications
Dimensions, height x width x depth [cm]	92.5 x 58 x 57
Packed dimensions, height x width x depth [cm]	79 x 64 x 89
Mass incl. packaging [kg]	57
Mass filled machine [kg]	46

6.3 Ambient conditions

Parameter	Specifications
Temperature [°C], operational	+10 to +40
Temperature [°C], out of operation	-25 to +55
Altitude above sea level [m], operational	-10 to 2000
Altitude above sea level [m], out of operation	-10 to 12000

Parameter	Specifications
Maximum Relative Humidity [RH], without condensation [%]	90

6.4 Noise level

Parameter	Specifications
Maximum noise level [dB(A)]	< 65

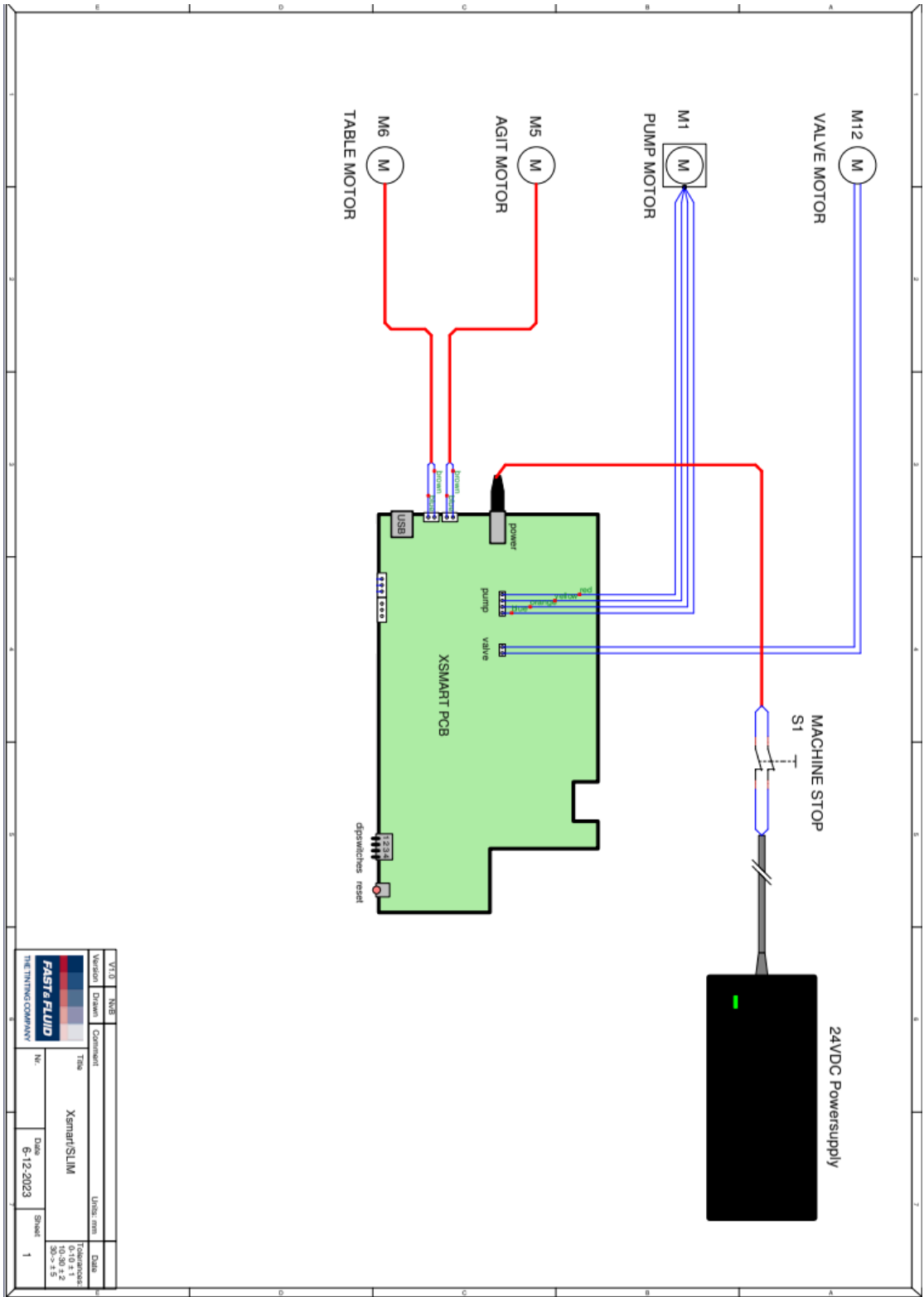
6.5 Safety classifications

Parameter	Specifications
IP (Ingress Protection) classification	32
EMC (Electromagnetic Compatibility) classification	Class B
Over voltage category	Class II

6.6 Electrical specifications

Parameter	Specifications
Maximum dispenser power consumption [W]	85
Maximum leakage current [mA]	3.5
Voltage [V], region depending (<i>service engineer only</i>)	90~264
Frequency [Hz]	50 / 60

6.7 Electrical diagram



Manufactured by:

IDEX India Pvt. Ltd.,
Plot No. 1039, Sanand GIDC – II
Industrial Estate, Ahmedabad, Gujarat 382170, India