

## WINMAXX CE New Features

1. Maximum Output Speed: 2200/min

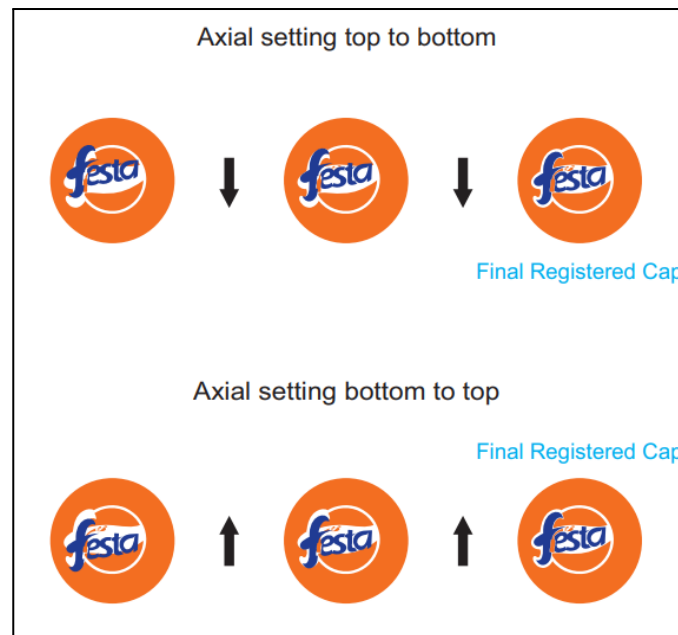
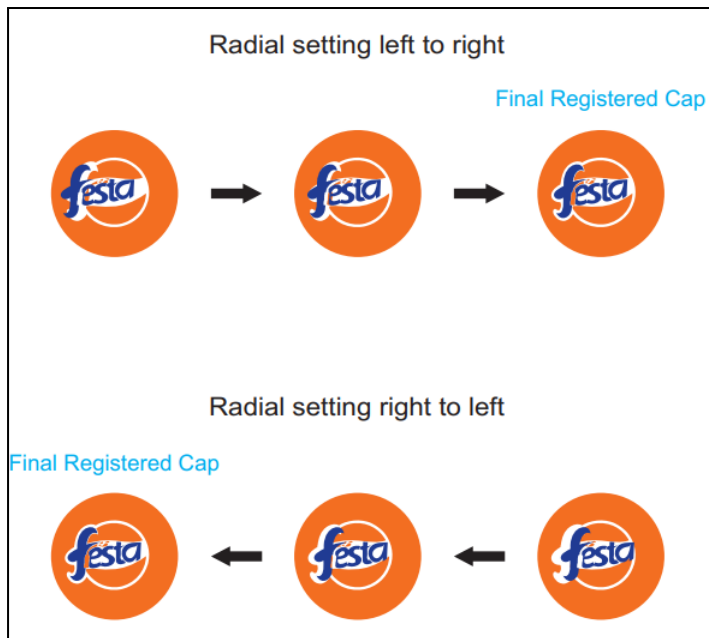
\*(Whereas, WINMAXX 2000 has maximum output speed of 2000/min)

2. Electronic running registration in two directions (fine setting)

\*(Whereas, WINMAXX 2000 has electronic running registration only in 1 direction being radial direction, axial registration has to be done manually)

Benefits:

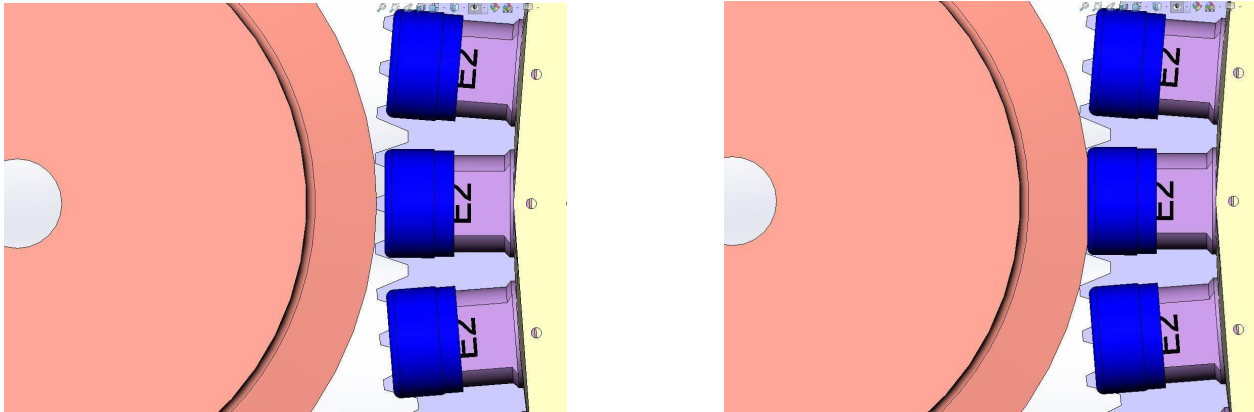
- Reduced setting time: the operator does not have to loosen or tighten any screws for registration setting. Both the registrations can be done while the machine is running. The machine does not need to be stopped for the registration setting.



3. No cap No print: Entire print head moves towards and away from the mandrels

Benefits:

- Food Grade Manufacturing: Avoid printing mandrels and therefore avoid any ink contact with the inside of the caps.
- Increased pad life: Non-printing pad can be simply moved away from the mandrel to avoid getting caps' impression.
- Productivity: Pad can be stored on the printing head itself, with cliché and mandrel pressures removed.



4. Print head settings

Benefits:

- User friendly: All operator level settings from the front of the machine.
- Easy access to all setting screws:
  - Cliche pressure
  - Pad Pressure
- New Ink tray design
  - Quick ink tray changeover
  - Accurate and easy adjustable distance and parallelism between cliché and inking roller.

5. Intermediate drying using larger capacity blower

Benefits:

- High speed multi-colour printing

6. Remote Monitorable PLC/HMI

Benefits:

- Own IP address, through which machine data can be remotely monitored online.
- Performance & analytics in real time
- Big screen for easy read out
- Industry 4.0 ready

7. Air/Gas Flow meters

Benefits:

- Measurement of Air and Gas flow online.
- Easy to maintain air/gas ratio for optimal flame
- Increased reliability for surface treatment: as we can record and maintain air/gas ratio. No need to depend on operator skill for achieving correct flame pre-treatment, required for ink adhesion.

8. High RPM motors in Accumulator

Benefits:

- No sluggishness in transporting caps from accumulator to loading chute.

9. Extremely Robust Built with **single** machined plate as reference for all assemblies.

Benefits:

- Smooth machine with extreme levels of geometric accuracy related to the big wheel.
- Minimal vibrations
- All print heads move towards and away from the geometric centre of the big wheel
- Cap loading and unloading has been made extremely smooth.

10. CE Marking certificate from TUV

Benefits

- Operator Safety to the highest European standards
- Minimal risk of accidents.
- Separate safety PLC of PILZ or similar make
- Three way jog switch to safely access the machine in moving.
- Machine elevated to access with forklift.
- Platform for easy access to feeder top portion
- Magnetic safety switches - PILZ or similar brand. Contactless safety device.
- All cables routed through overhead cable trays. No cables on the floor.
- EMI filters to reduce electronic noise produced by machine to under acceptable levels - therefore machine running will not affect surrounding machines
- Festo safety air inlet.
- Gas pressure in the inlet pipe is monitored using a pressure gauge.