The new TAF Series has been designed to improve the lehr-end outer surface spraying by wax emulsions to enhance lubricity and increase the scratch resistance of glass containers.
Construction Features

⇒ Supporting structure composed of light alloy metal frame

⇒ Overhead sliding unit including carriage guide rail, DC motor belt drive unit, cable ducting and raceway

⇒ Carriage assembly including spray nozzles, vertical pneumatic cylinder to control up-down nozzle, stepper motor to control lateral displacement of nozzles across the span of the annealing lehr

⇒ Single-head spray nozzle assembly

Control System

Electric control panel mounted on unit complete with PLC, graphic interface module, drivers, carriage assembly control, alarms and connecting cables.

Compressed air control and adjustment system including pressure regulator with moisture discharge and oil filter unit.

Power Supply
380V, 50Hz, Three-phase

Installed power
2.0 KW approx.

Compressed Air requirements
300 liters/minute at 6 bar pressure

Containers Max. Height
400 mm under finish

Nozzles carriage Max. Speed
1 meter/second

Emulsion Max. Consumption
600 cc/minute

Optional Accessories & Equipment
(available on request only)

• Double Spray Gun

• Automatic adjustment of up-down stroke of spraying nozzles by Brushless motor in case of need to treat containers of different height

• Dosing Unit for preparation of coating emulsion

• Water Softening System for preparation of de-mineralized water