ACSS-100 Aseptic Carton Serialization Station

Companies prefer aseptic cartons as packaging material for food safety and durability. Aseptic cartons, which consist of many layers and are generally used for the packaging of liquid products, are becoming more and more important every day, especially in traceability projects of food products. ACSS-100 Aseptic Carton Serialization Station is a functional solution offered by VISIOTT TPS for traceability systems.

Aseptic cartons, which can be designed in many different shapes and sizes, are packages that are not easy for serialization. The curved body, cap application, wet surface, and pipettes are important points that need to be carefully examined in the design of the serialization project. Therefore, printing technologies compatible with production speed and printing surface should be used in serialization projects. The serialization and aggregation system offered by VISIOTT TPS for aseptic cartons supports TIJ, CIJ, and Laser technologies.

VISIOTT TPS Aseptic Carton Serialization Station passes aseptic cartons through the drying unit before serialization to eliminate the possibility of moistening during production. The drying process is carried out by gently blowing dry air on the product in a way that does not allow a moist surface to remain. Using the printing technologies chosen following the operational requirements, data matrix and human-readable information are printed on the aseptic cartons, which are freed from moisture. Serialized products are verified using OCR/OCV technology. Products whose 2D code cannot be verified are removed from the line by a reciprocating rejection mechanism.

Features

- It has a drying mechanism.
- It verifies readable text with OCR/OCV technology.
- It can use different printing technologies according to operational needs.
- It can optionally print visible/invisible helper code.
- There is a locked rejection box.
- It has a user-friendly interface with a touch screen.
- GMP, GAMP 5, 21 CFR Bölüm 11 compliant.

Technical Parameters

Print Technology*	TIJ, Laser, CIJ
Printing Resolution (max)	600 dpi
Verification	Grading and OCR/OCV
Camera Resolution	1600 x 1200 px (2 Mpx)
Capacity (max)**	250 pcs/min
Product Length Contol	Yes
Voltage / Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	1800 x 3100 x 2480 mm
Material	Stainless Steel