VENTUS X6

Ventus X6 labeling machine

Ventus is a Finnish print & apply labeling machine designed and manufactured by KLINGER Finland. It both prints and automatically applies labels to products or shipping units.

Modern interfaces and high processing speed enable real-time printing of variable printing data on each label.

In addition to cost-effectiveness, the device combines ease of use, reliability, and versatility. Ventus is an excellent choice for production packaging lines and logistic operations.

EASE OF USE

The Ventus features a clear color touchscreen that guides the user in selecting the correct settings for different printing purposes and also displays the device's operating status. The user interface includes multiple language options and its appearance can be customised according to customer-specific requirements if needed. The Ventus can also be operated remotely via a network connection.

VERSATILITY

The Ventus can be equipped with cylinders of different lengths and applicator pads of various sizes. The device can be installed in different orientations as required. Modern interface options (such as Ethernet/IP, Profinet, etc.) enable integration with various production control and IT systems. The Ventus can be equipped with printers such as Zebra, Sato, TSC or CAB.
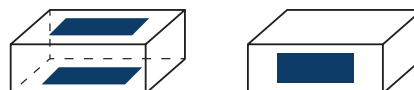
RELIABILITY

The new-generation Ventus X6 represents the well-known Ventus quality built to withstand even the most demanding conditions. Its maintenance-free design and high-quality components ensure a long service life. The extended lifespan reduces maintenance needs and guarantees uninterrupted production.

ADDITIONAL OPTIONS

A verification camera can be added to the applicator pad to check the quality of the printed label's barcode or 2D code. The Ventus also supports RFID technology allowing it to encode, verify and if necessary reject a UHF tag. Additional accessories include manually and electrically adjustable stands as well as various protective enclosures. A rejection station is also available as an option enabling the removal of a product from the line if the label is defective.

APPLICATION OPTIONS

The Ventus X6 applies labels precisely to the desired position on the top, side, or bottom of the product.

TECHNICAL SPECIFICATIONS

LABEL SIZE	With standard applicator: Width: 25-148 mm Length: 25-210 mm
SPEED	Max. 60 labels per minute (label size 25 × 20 mm)
COMPRESSED AIR REQUIREMENT	~ 6 bar
PRINTER OPTIONS	Supports all major printer manufacturers and both direct thermal and thermal transfer technologies, e.g., Sato, Zebra, TSC, and CAB (200, 300 ja 600 dpi)
MACHINE DIMENSIONS	Height: 576 mm Width: 678 mm Depth: 568 mm (4" printer), 618 mm (6" printer)
WEIGHT	Frame: 26 kg Printer: approx. 12 kg (depending on model)

STANDARD CYLINDER AND APPLICATOR PAD OPTIONS

CYLINDERS STROKE LENGTH	VACUUM PADS (EJECTOR TYPE)	VACUUM PADS (FAN TYPE)
160 MM	74 X 105 MM	74 X 105 MM
350 MM	80 X 40 MM	105 X 148 MM
600 MM	100 X100 MM	148 X 210 MM

Custom-designed cylinders and applicator pads are available upon request.

DIMENSIONAL DRAWING

The images show the 160 mm cylinder and the 105 × 148 mm applicator pad.