DOMINO

DPX340I – Fume Extraction System

Whether you are using a CO_2, Fibre or UV laser coding system for the coding requirements in your production, installing fume extraction is essential for maintaining optimal operating conditions.

The **DPX340I** is specifically designed to support laser coding systems on PVC production lines, dealing effectifely with the corrosive fumes generated when lasering PVC materials.

Effectively filters fume and dust particles from PVC laser coding applications

Using a **DPX340I** extraction system on your production line helps to enhance product performance and operational equipment effectiveness (OEE) of your Domino laser coder:

◆ Contaminents invisible to the human eye are filtered from the workplace environment.

◆ Your equipment is protected for a longer lifetime and more reliable performance.

◆ **DPX340I** helps to maintain high code quality throughout production runs by keeping the laser lens clean.
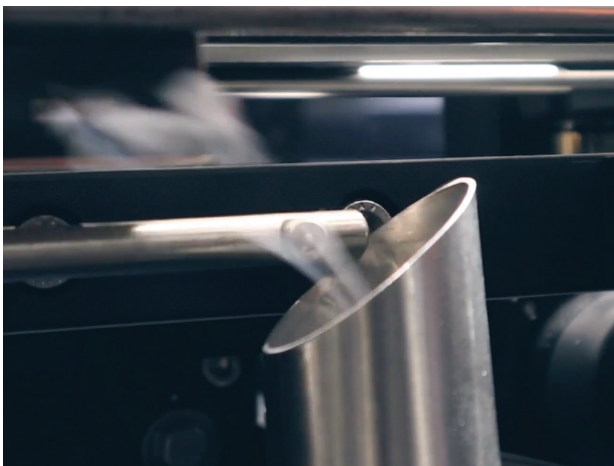
The **DPX340I** – your extraction of choice

◆ Simple to control via the intuitive touchscreen interface.

◆ Easy to use, intelligent operating system with at a glance status information.

◆ Monitors each filter's performance independently and identifies when and which filter needs replacement.

◆ Maximises uptime through quick diagnosis and pre-warning when action is required.

◆ Provides data communication capability (USB).

◆ Unique dual filter system gives maximum filtration capacity and extended filter lifetime.

◆ Harsh environment protection for use in dusty, sticky or oily environments.

◆ Advanced safety: HCL and VOC sensors constantly monitor the exhaust air of the unit.

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Premium filter system

The **DPX340I** filter system is designed for reliable performance and high uptime on PVC production lines. A three stage filtration process offers a high level of protextion. Filter levels are individually monitored and you are alerted when a filter needs replacing.

Patented long-lasting pre-filter system enhances extractor lifetime: cage is fitted within pre-filter box to prevent contamination of extractor's inside surfaces
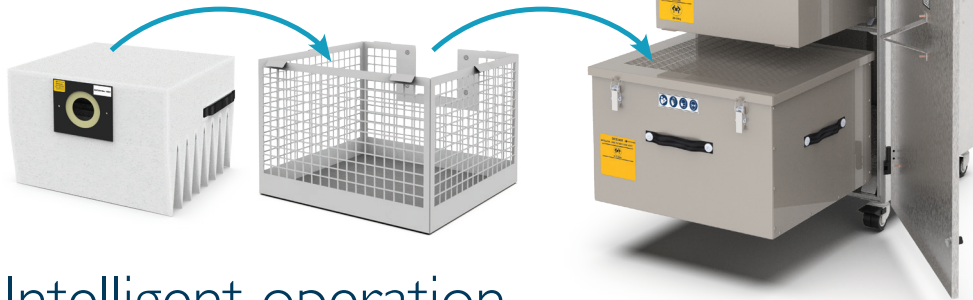
Main (HEPA) filter pressure is continously monitored ensuring safe operation and particle filtering
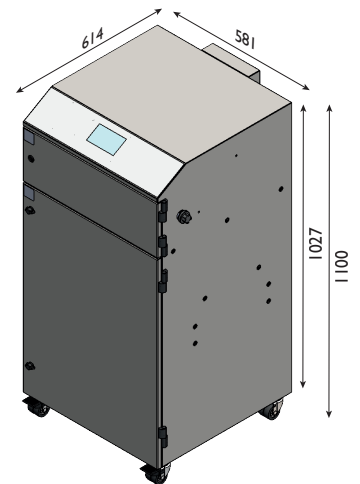
Intelligent operation

The easy to use interface gives real-time information about the system status.

◆ Self monitoring and diagnosis of filter status, airflow, temperature and motor enable the system to alert you to issues before they become downtime.

◆ Benefit from worry-free consumable ordering plus fixed consumable prices using Domino's **SafeSupply** service.

◆ **SafeGuard** packages provide extended warranty, high-quality, on-site assistance and AR-enabled remote guidance from our engineers.
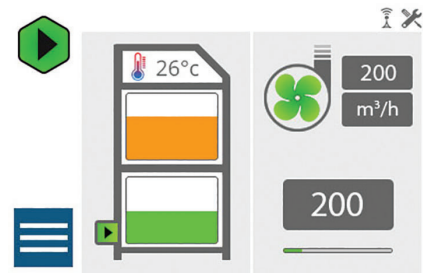
Technical specification **DPX340I**

Airflow (maximum)	350m³/h
Power supply	Multi voltage 100-230V +/- 10% AC single phase
Hose	Various hoses available to match application requirements
Sound rating	<65 dBA at 150m³/h no hose
Connectivity	Download/upload via USB
Operating temperature	5 - 45°C
Operating humidity	max 80% at 31°C max 50% at 40°C
Production rates	up to 30 000 codes/hour
Certification	CE, REACH & RoHS (including China), UKCA, UL, CB (Indian, Chinese)
Cabinet and control	
Cabinet dimensions	H 1100mm, W 580mm, D 614mm
Cabinet weight	78kg without filters; 107kg including filters
Cabinet construction	Stainless steel
Ingress protection	IP56
Monitoring systems	Filter: monitors pressure and blockage levels of each filter independently Temperature: thermal event detection and prevention
Graphical user interface (GUI)	Easy-to-use touch display with internationally recognised icons; at a glance system status and alerts
Filters	
Pre filters	F8/F9 caged bag filter
Main filter	Standard HEPA + Carbon
Blower filter	Yes

TALK TO AN EXPERT

Website: www.domino-printing.com