

# DPX340I – Fume Extraction System

Whether you are using a CO<sub>2</sub>, Fibre or UV laser coding system for the coding requirements in your production, installing fume extraction is essential for maintaining optimal operating conditions.

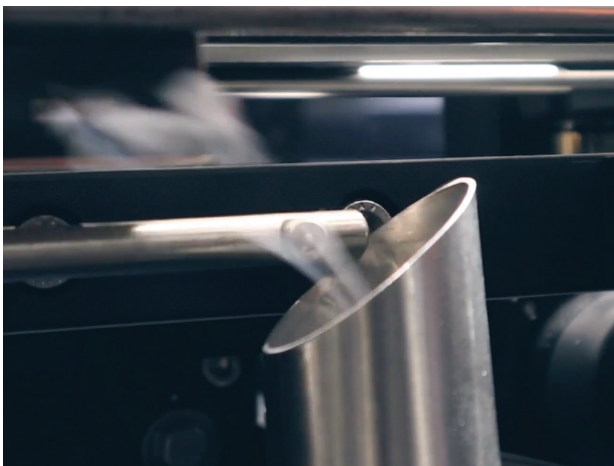
The **DPX340I** is specifically designed to support laser coding systems on PVC production lines, dealing effectively with the corrosive fumes generated when lasering PVC materials.



## 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:

- ◆ Contaminants 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

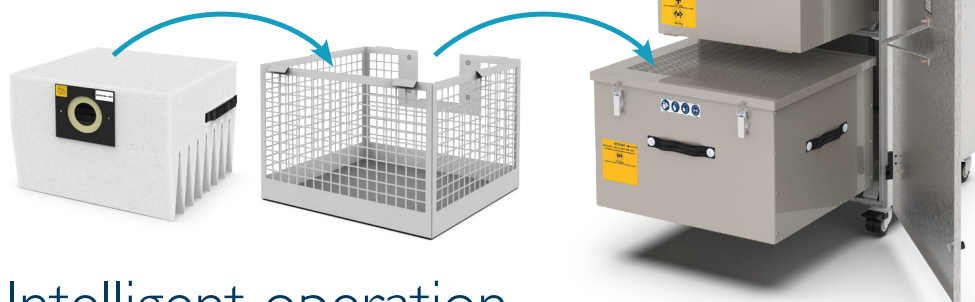
- ◆ Simple to control via the intuitive touchscreen interface.
- ◆ Easy to use, intelligent operating system with at a glance status information.
- ◆ Monitors each filter's performance independently and identifies when and which filter needs replacement.
- ◆ Maximises uptime through quick diagnosis and 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 protection. 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

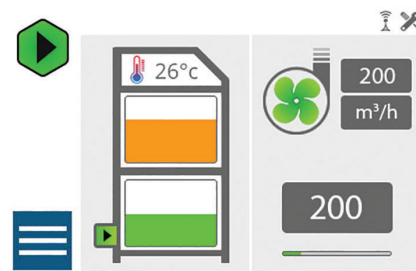


Main (HEPA) filter pressure is continuously monitored ensuring safe operation and particle filtering

## Intelligent operation

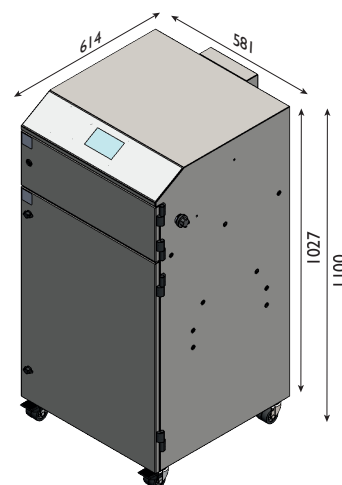
The easy to use interface gives real-time information about the system status.

- ◆ 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)
<b>Cabinet and control</b>	
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
<b>Filters</b>	
Pre filters	F8/F9 caged bag filter
Main filter	Standard HEPA + Carbon
Blower filter	Yes



## TALK TO AN EXPERT

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