



# Big on Boxes

## **Cx350i** High-Resolution Ink Jet Printer

Large format box coding for your Industry 4.0 factory



Domino. Do more.

# Big on Code Quality

The **Cx350i** delivers consistent, high-contrast printing directly onto your porous boxes and cases



## Unlock the power of direct box coding

- ◆ Brand logos and graphics
- ◆ Grade-A ID and 2D barcodes (including GSI-I28, GTIN-I4)\*
- ◆ Product batch information and serialised data for product traceability
- ◆ Flexibility with the remote head to print downwards onto the top surface, to print lower onto the box/tray, to print on an incline, and to overcome space constraints
- ◆ Traverse the remote head to facilitate printing onto static boxes

## Cost-effective, high-quality printing

- ◆ Less stock and waste from pre-printed boxes and labels
- ◆ Vegetable-oil-based, environmentally friendly inks
- ◆ Advanced technology with flexible print resolution for best code quality at lowest ink usage

## Code accuracy and consistency

- ◆ Smart integration with coding automation software for accuracy
- ◆ Barcode scanner and vision control integration to confirm the readability of every printed code

\*application dependent, based on ISO 15416



## Green Credentials

Domino is committed to minimising the consumption of natural resources and energy and the creation of waste.

Direct box coding with Domino **Cx350i** can significantly reduce your environmental footprint. No factory air needed. No label waste, only vegetable-oil inks delivered in small drops to make great codes.



# Big on Connectivity

The **Cx350i** is Industry 4.0 ready and designed for seamless integration

- ◆ A broad range of connectivity options for integration to factory equipment, using PLC standard interfaces including EtherNet/IP™
- ◆ Simple Text transfer solutions for integration with a variety of host packaging and processing machinery
- ◆ The **Cx350i** integrates with factory MES and ERP systems, via Domino's **QuickDesign** coding automation solutions
- ◆ **Domino Cloud** gives you 24/7 visibility of the printer's performance and utilisation, allowing you to drive overall equipment effectiveness (OEE) and maximise your profitability



# Big on Usability

The **Cx350i** makes box coding easy

- ◆ Simple operation: with Domino's intuitive **QuickStep** touchscreen user interface, you can quickly adjust settings or create a whole new print layout from scratch
- ◆ Minimal intervention: the large-volume ink supply enables increased uptime
- ◆ No line stops: ink can be replenished during production
- ◆ Free from regular maintenance, with no factory air or filter changes



## A complete solution

Our services are designed to provide operational insight so you can eliminate downtime and maximise production efficiency



### Operational support

An outstanding level of care, wherever you are. Our **SafeGuard** packages provide high-quality, on-site assistance and AR-enabled remote guidance from our engineers. **SafeGuard** helps to ensure we can be with you when you need us most.

### Automatic code inspection

Ensure every code that leaves your factory is present and correct, and free up operator time. With the R-Series, Domino's range of vision control systems, you can automate your code inspection to validate code presence, placement, and readability.

### Control software

Minimise errors using Domino's **QuickDesign** software. Control your product codes from a central location and streamline product changeovers. **QuickDesign** uses standard communication protocols and can be integrated into existing ERP systems.

### Smart production

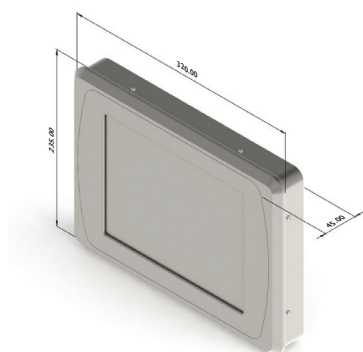
Gain operational insight by connecting your printer to **Domino Cloud**. Obtain production analytics dashboards and receive system error alerts. **Domino Cloud** provides you with the information you need to run your operations more efficiently.

## Technical specification

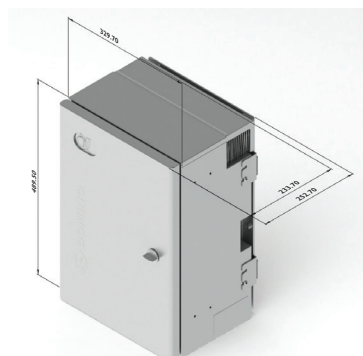
### Cx350i

Base units		
	<b>Cx-Inkbase 2PH</b> Printheads (max.) 2 Internal ink reservoir 440ml	<b>Cx-Inkbase 4PH</b> Printheads (max.) 4 Internal ink reservoir 760ml
Dimensions	Width 329.7mm / Depth 233.7mm (252.70mm with mounting bracket) / Height 489.5mm Weight Cx-Inkbase 2PH: 13.55kg, Cx-Inkbase 4PH: 15.03kg Not including power button, latch, connector cover, bracket	
Electrical supply	Input: 100-240VAC, 50-60 Hz, Cx-Inkbase 2PH: 2A, Cx-Inkbase 4PH: 3A	
External connection options	1 x encoder input, 1 x I/O connector (4 x product detect sensor I/P, 5 x general purpose I/P, 8 x general purpose O/P, 3 x 24VDC O/P), 2 x USBs (type A), 1 x RS232C, 2 x RJ-45	2 x encoder input, 2 x I/O connector (4 x product detect sensor I/P, 9 x general purpose I/P, 12 x general purpose O/P, 4 x 24VDC O/P, 3 x alarm contacts), 2 x USBs (type A), 1 x RS232C, 2 x RJ-45
Printhead		
Dimensions (standard head)	Width 112.8mm / Depth 311.6mm / Height 190mm / Weight 4.22kg	
Dimensions (remote head)	Width 85.9mm / Depth 173.4mm / Height 130.2mm / Weight 1.73kg Conduit length 0.5m, 1.5m, 3.0m & 4.5m options	
Dimensions (remote head header tank)	Width 179.2mm / Depth 164.4mm / Height 121.8mm / Weight 2.27kg	
Electrical supply	24VDC (supplied from the inkbase unit)	
Resolution	Horizontal max. 300dpi, vertical 150dpi	
Print height	65mm max.	
TouchScreen		
User interface	TouchScreen 10" with <b>QuickStep 3</b> software	
Dimensions	Width 320mm / Depth 45mm / Height 235mm / Weight 2.65kg	
System specification		
Operating temperature	5-40°C	
Operating relative humidity	10-90% RH (non-condensing, 10°C increase per hour)	
Finish (printhead and base unit)	Brushed stainless steel	
Protection printhead and inkbase	IP4X	
Inks	High-contrast, vegetable-oil-based inks available in 1.4 and 0.85 litre bottle sizes	
Communication	Ethernet / Dynamark protocol, EDC (serial, TCP, USB), optional: EtherNet/IP™ protocol Domino Cloud Interface (DCI), Domino coding automation	
Print speed	max. 210m/min. @100dpi, 100m/min. @200dpi, 70m/min. @300dpi	

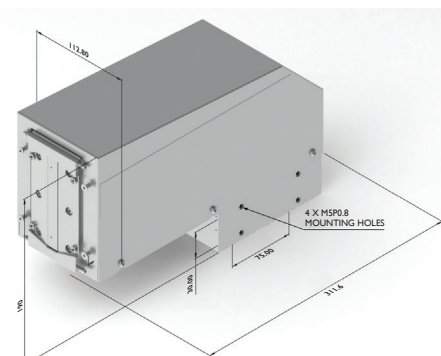
TouchScreen



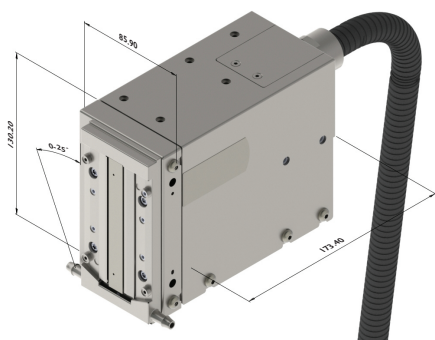
Base unit



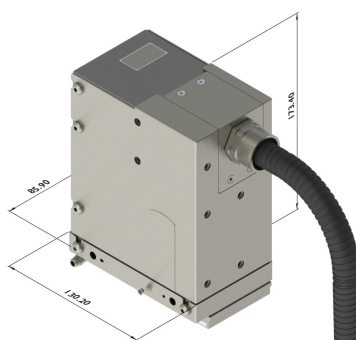
Standard printhead



Remote printhead – horizontal



Remote printhead – vertical



Remote printhead header tank

