



# INDUSTRIAL LABEL PRINTERS FROM **BOWE IQ**

- > ZERO CALIBRATION
- > ZERO WASTE
- > 20-SECOND CHANGEOVERS
- > PRECISION PRINTING OF SMALL FONTS
- > RUGGED CONSTRUCTION
- > PRINT QUEUE AND INTERRUPT FUNCTION
- > EASY INTEGRATION WITH IOT SYSTEMS

The Brady i5300 is an easy-to-use industrial printer designed for mid to high-volume labelling, producing up to 5,000 labels per day. Precise and intuitive, it delivers sharp barcodes and ultra-small text on labels as small as 5.08 mm.

Ideal for high-mix applications, the i5300 features 20-second no-adjustment changeovers, built-in auto-cutting, and optional save-to-printer job lists. With print speeds of up to 254 mm/sec across all job sizes, productivity never slows down. It is available in 300 dpi or 600 dpi versions to suit different labelling requirements, with optional Wi-Fi connectivity for added flexibility.

As a component in a BOWE IQ software ecosystem, it delivers even greater value through optimised, fully integrated workflows.



**BOWE**  
IQ

# SPECIFICATIONS

## i5300 INDUSTRIAL LABEL PRINTER

300 & 600 DPI MODELS AVAILABLE  
OPTIONAL WI-FI CONNECTIVITY



### KEY CHARACTERISTICS

**Applications:** Asset tracking, Barcode labelling, Circuit board labelling, Component and equipment labelling, Data and telecommunications labelling, Electrical labelling, Facility identification, General identification, Laboratory labelling, Pipe and valve marking, Solar Panel labelling, Wire and cable labelling

**Materials Supported:** Direct Thermal Paper, FreezerBondz™ Polyester, Heat-shrink Polyolefin, High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve, Magnetic Polyester, Metal-detectable Polyester, Metallic, Non-metal Polyester, Metallised Polyester, Metallised Polyester with Polyester Overlaminates, Nylon Cloth, Paper, Phosphorescent Polyester, Polyester, Polyester with Polyester Overlaminates, Polyimide, Polyolefin, Polypropylene, Polyvinylfluoride, Reflective Tape, Self-laminating Polyester, Self-laminating Vinyl, StainerBondz™ Polyester, Static Dissipative Polyester, Tamper-evident Metallised Polyester, Vinyl, Vinyl Cloth

**Colour:** Blue, Grey

### DIMENSIONS

**Printer dimensions:** 284.48 mm (W) x 279.40 mm (H) x 401.32 mm (D)

**Weight:** 15.0 kg

**Core - Diameter:** 76.20 mm

**Display size:** 177.80 mm

**Minimum Label Width:** 6.35 mm

### PRODUCT FEATURES

**Auto Shut Off:** Yes

**Battery Type:** Internal, not removable

**Language Support:** Bahasa (Indonesian), Bahasa Malay, Bulgarian, Chinese (Traditional & Simplified), Croatian, Czech, Danish, Dutch, English (US), Estonian, Finnish, French (Canada), German, Hungarian, Japanese, Korean, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Spanish (Universal), Thai, Turkish, Vietnamese

**Calibration:** No

**Connectivity Options:** Cabled, Ethernet, USB 2.0, USB Host

**Custom Labels:** Available

**Cutter:** Auto Cutter

**Display Type:** Colour LCD Touchscreen

**Hardware Options:** Printhead (300 dpi), Printhead (600 dpi), Print roller

**Battery:** Shipped installed in equipment

**Interface Type:** PC, Touchscreen

**Internal Memory Capacity:** 512 MB RAM, 195 MB IFFS Flash

**Barcode Symbologies:** Codabar, Code 128A, Code 128B, Code 128C, Code 39, Code 93, EAN-13, EAN-8, HIBC, Interleaved 2 of 5, JAN-8, JAN-8, MSI, Plessey, UPC-A, Aztec, Data Matrix, PDF417, QR code

**Keyboard Type:** None

**Operating Humidity Range:** 10%-85% (RH non-condensing)

**Operating System:** Windows® 10, Windows® 11, Windows® 7, Windows® 8, Windows® Server 2012, Windows® Server 2012 R2, Windows® Server 2016

**Operating Temperature:** 10°C - 40°C

**Stand Alone Printing:** Peripheral

**Power Source:** AC Adaptor

**Power Supply Voltage:** 100 - 240 V @ 50 - 60 Hz

### PRODUCT FEATURES

**Print Preview Feature:** Yes

**Printing Wizards:** No

**Storage humidity:** 15%-90% (RH non-condensing)

**Storage Temperature:** -20°C - 50°C

**Units:** Inches, Millimetres, Points

**Cut Options Available:** Cut at the end of print jobs, Cut between labels, Full Cut

### PRINTING SPECIFICATIONS

**Print Technology:** Direct Thermal, Thermal Transfer

**Print Speed:** 254.00 mm/s

**Colour Capability:** Monocolour

**Resolution:** 300 dpi (600 dpi version also available)

**Display Resolution:** 1024 x 800 pixels

**Max. Label Width:** 107.95 mm

**Max. Liner Width:** 107.95 mm

**Recommended Usage per day:** 5000

**Max. Print Width:** 101.98 mm

**Max. Roll Outer Diameter:** 109.22 mm

**Text Sizes:** 4 - 250 pt

**Font Styles:** Arial, Courier New, Tahoma, Times New Roman, Trebuchet MS, Verdana

**Hours of Operation:** 8 hours/5 days

**No. of stock parts:** 1200+ standard parts

**Onscreen indicators:** Data Reception, Error Messaging, Ethernet Status, Ribbon and label part number recognition, Ribbon Remaining, Supply Remaining, WiFi

**Min. Label Width:** 6.35 mm

**Programming Language:** BPL (Brady Programming Language)

**Smart cell:** Yes

### COMPATIBILITY

**Continuous vs Die Cut Labels:** Continuous, Custom, Die-cut

**Min. Label Length:** 5.08 mm

**Min. Liner Width:** 18.03 mm

### COMPLIANCE

**UNSPSC:** 45101519

**RoHS Compliance Status:** Compliant with Directive 2011/65/EU and 2015/863

**REACH SVHC Status:** Part contains an SVHC

### CONTACT US TO DISCUSS:

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