

7000i™ QC

Product Specification



Feeder	
SmartFeed™	SmartFeed™ 4: Standard feeder up to 4,000 banknotes SmartFeed™ 6: Extended feeder up to 6,000 banknotes SmartFeed™ 6C: Cassette feeder up to 6,000 banknotes SmartFeed™ X10: Automatic feeder up to 10,000 banknotes Vacuum design, continuous feeding
QC functions	
SmartVision™ imaging system	High-resolution reflective cameras (RGB+IR) High-resolution IR transmission
Banknote classification	Denomination, series, orientation and size
Serial number reading	Optional serial number reading (OCR) up to 200dpi
Presence of security features, including:	Hard and soft magnetics Conductive thread Phosphorescence Fluorescence Infra-red (IR) SPARK®/OVI® SICPATalk® NEOMAG® Watermarks Foins
QC measurements including:	Thread position Cutting tolerances (size) Margins thickness Litho to intaglio position Serial numbers presence, quality and position Litho print position Watermark position Printing errors Other QC inspection requirements can be considered
Output pockets	
Output options: SmartStack™	Standard pockets: up to 1,000 banknotes Cassette pockets: up to 2,500 banknotes SmartStack™ IPB: In-pocket banding and bundling - Banding: 100 banknotes - Bundling: 500 and 1,000 banknotes
Pocket configuration	7000i™ QC optimum pocket configuration: 2 Standard, 2 SmartStack™ IPB pockets + 1 reject pocket Other configurations are available When added as an upgrade to an existing 7000i™ used note sorter, 7000i™ QC can adapt to the existing machine configuration
Reject pocket	One standard, up to 1,000 banknotes capacity
Packaging	
SmartPack™	On-line shrink-wrapping
SmartPack™+	Integrated solution: Up to five 7000i™ integrated into one packaging via a fully automated, closed-loop conveyor system





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Banknote destruction	
SmartShred™	On-line shredding Off-line granulation Bagging Briquetting
On-line shredding	On-line cross-cut shredder
Shred size	1mm x 10mm nominal
Security	Dual key interlock, independent shred counter
General	
Processing capability	Four model speeds available 1,200 npm (72,000 banknotes/hour) 1,500 npm (90,000 banknotes/hour) 1,800 npm (108,000 banknotes/hour) 2,000 npm (120,000 banknotes/hour)
Banknote size range	Width: 60 - 100mm Length: 100 - 180mm
Banknote substrate	Paper and polymer including mixed mode
User interface	Full colour Graphical User Interface (GUI)
Security access control	Multi-level user level role set-up Optional smart card Biometric access control (optional)
Connectivity	Ethernet, XML data protocol ECM™ ISA and BI
Language	Multiple languages available, selected from user profile
Operating conditions	
Power	Voltage: 120v/208v. 230v/400v Frequency: 50/60Hz
Power rating	9KW
Operating ambient temperature	15 - 30°C
Humidity	30 - 80% RH non-condensing
Dimensions (mm) and weight (kg)	7000i QC 5 pocket configuration: 3810(L) x 910(W) x 1610(H) / 1497kg

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For further information please contact your regional account manager.

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