

# 9000™

## Product Specification



Feeder	
Feeder	Standard feeder: Up to 4,000 banknotes High Capacity Feeder (HCF): Up to 10,000 banknotes Vacuum design Continuous feeding
Inspection capability	
Substrate	
Thread	Presence Completeness Register
Watermark	Presence Quality of whole watermark image Register
Print	
Lithographic print	Presence Colour Registration Correct application (e.g. detection of low spots)
Intaglio print	Presence Colour Registration Correct application (e.g. detection of smears, spewing, set-offs, etc.)
Optically Variable Ink (OVI®)	Presence Completeness Registration Correct application (e.g. detection of spewing)
Serial number	Presence (all characters and prefixes) Registration Correct application (e.g. detection of faded, smudged, over-inked numbers) Congruence (where more than one serial number is printed on a banknote, BQIS checks that all serial numbers are the same)
Applied Features	
Holograms	Presence Completeness Registration Correct application (e.g. detection of flaking at edges)
Cut	
Guillotine	Banknote length and width Print alignment Banknote shape (e.g. detection of turned corners and tapered banknotes)
Output pockets	
Output options	7 pocket configuration: 1 reject pocket 1 audit pocket 2 defective banknote pockets (standard or cassette pockets) 3 strapper pockets for fit banknotes
Pocket capacity	Standard: Up to 2,000 banknotes Cassette: Up to 2,500 banknotes Strapper: 100 banknotes
Reject pocket	One standard, up to 2,000 banknotes capacity Configurable reject pocket to separate suspects from mechanical rejects



<b>Packaging</b>	
<b>In-line Packaging System (IPS)</b>	Optional in-line bundling of 10 packets (1,000 banknotes) Automatic printing of label Strapping and printed label application Shrink-wrap option available
<b>Banknote destruction</b>	
<b>Type</b>	On-line cross-cut shredder
<b>Shred size</b>	1mm x 10mm nominal
<b>Security</b>	Dual key interlock, independent shred counter
<b>General</b>	
<b>Processing capability</b>	2,400 banknotes per minute (144,000 banknotes per hour)
<b>Banknote size range</b>	Width: 57-100mm / Length: 100-185mm
<b>Banknote substrate</b>	Paper and polymer substrates
<b>User interface</b>	Display: Full-colour Graphical User Interface (GUI) positioned at both the feeder and IPS (where this option is chosen) Operator Workstation: Dual screen panel BQIS™ interface BMIS™ interface and report printer Monitoring screen for on-machine GUI
<b>Security access control</b>	Multi-level user role set-up Optional smart card Optional biometric access control
<b>Connectivity</b>	Ethernet, XML data protocol
<b>Language</b>	Multiple, selected from user profile
<b>Operating Conditions</b>	
<b>Power</b>	Voltage: 120v/208v. 230v/400v Frequency: 50/60Hz
<b>Power rating</b>	13.5 KVA 50 Amps
<b>Operating ambient temperature</b>	15-30°C
<b>Humidity</b>	30-70% RH non-condensing
<b>Dimensions (mm) and weights</b>	9000 configuration (without HCF & IPS): 7,658.10(L) x 1,100(W) x 1,655(H) / 2,404.04kg

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