

Using a truly modular design, user-friendly operations and advanced note counting technologies, we can tailor each DLR®7000 system to match your requirements.

Security

Robust system design ensures complete accounting integrity, access control and regulatory compliance.

Performance

Leading-edge detector design helps to ensure the correct sorting decisions are made on each banknote, improving overall operating efficiency.

Productivity

The DLR®7000 is designed for intensive, continuous processing environments, reducing the cost of processing each banknote.

Autofacer™

Automatic banknote facing reduces the number of pockets required by half, thereby reducing the overall footprint of the machine.

Repeatability

Advanced transport design improves the presentation and handling of poor quality notes. Inertial corners hold every banknote in a known and fixed position ensuring highly repeatable sorting decisions at the maximum transport speeds, even on the poorest quality banknotes.

Adaptability

Flexible detector architecture allows for adaptation of sensor configuration to meet bespoke needs.

Flexibility

You can add new banknote denominations or series, customise reports and change displays on-site.

Connectivity

Open architecture allows the DLR®7000 to integrate seamlessly with vault management and business intelligence software.

Modularity

Multiple configurations available depending on your requirements – pocket combinations, on-line shredding, banknote strapping and packaging plus expandable detector space and AutoFacer™.

Cost of ownership

Multiple service options include remote diagnostics. Major components can be repaired and calibrated on-site, significantly reducing cost of ownership and increasing machine availability.

Ease of use

An advanced user interface makes the DLR®7000 easy to operate and service, maximising machine availability and productivity.

PRODUCT SPECIFICATION



Cash Processing Solutions



Processing capability	Four model speeds available Up to 72000 notes per hour (1200 notes per minute) Up to 90000 notes per hour (1500 notes per minute) Up to 108000 notes per hour (1800 notes per minute) Up to 120000 notes per hour (2000 notes per minute)
Feeder	Standard feeder up to 4000 notes Optional extended feeder/cassette feeder up to 6000 notes Optional High Capacity Feeder (HCF) up to 8000 notes Vacuum design Continuous feeder
Universal Bundling System (UBS)	Optional bundling of 10 packets (1000 notes) Automatic printing of label Strapping and printed label application Shrink-wrap option available
Pocket capacity	Loose stack pocket 1000 banknotes Cassette pocket 2500 banknotes Strapper pocket 100 banknotes
Note size range	Width: 57-100mm Length: 100-185mm
Banknote material	Paper and polymer substrate including mixed mode
Output options	Up to 19 pockets plus 1 reject Combination of loose note/strapper/cassette pockets
Reject pocket	One standard, up to 2000 notes capacity Configurable reject pocket to separate suspects from mechanical rejects
Operating modes	Single denomination (with and without shredding) Mixed denomination (with and without shredding) Automated Commercial Deposit Processing (ACDP) and Quick Deposit Processing (QDP™) with Enterprise Cash Management (ECM™) software Multiple user defined sort modes
User interface	Full colour Graphical User Interface (GUI)
Security access control	Multi-level user level role set-up Optional Smart Card Optional biometric access control
Connectivity	Ethernet, XML data protocol
Language	Multiple, 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 and weights (mm)	DLR®7000 5 pocket: 3810(L) x 910(W) x 1610(H) / 1497kg
Banknote destruction	
Type	On-line cross-cut shredder (optional)
Shred size	1mm x 10mm nominal
Security	Dual key interlock, independent shred counter

Detectors

Imaging detection system	High-resolution reflective and transmissive cameras Sequii™ colour imaging Mechanical fitness Soil, graffiti, stains Serial number reading
Authenticity detectors	Magnetics, infrared, fluorescence, phosphorescence, conductivity
Special detectors	Bank-supplied detectors

DLR®7000

Providing excellence in high speed authentication, fitness sorting and productivity



Investing for the future

Transporting currency at up to 120000 notes per hour, or 2000 notes per minute, the DLR®7000 banknote sorter processes notes of any orientation, denomination or issue, delivering dramatic efficiency gains to your operation.

The DLR®7000 you select today can be configured and expanded as the demands on your currency processing organisation change and multiply. Add pockets, strappers, detectors and banknote packaging, or upgrade the speed of the sorter as your requirements increase.

All upgrades are designed to be implemented in the field with minimum impact on day-to-day operations.

For further information please contact your regional account manager

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DeLaRue

A Strategic Partner

BUILT TO YOUR SPECIFICATION

Cash Processing Solutions Innovation You Can Trust

Cash Processing Solutions Ltd (CPS) is a global provider of an integrated range of hardware and software solutions, consultancy and support services to the cash processing industry, designing bespoke solutions that truly enable our customers to:

- Safeguard their **REPUTATION**
- Optimise their **EFFICIENCY**
- Protect their **INVESTMENT**

Working with 230 customers across 106 countries, CPS provides a range of high-speed cash sorting and authentication systems alongside Enterprise Cash Management software which gives our customers control of cash through its entire lifecycle from production and issue to circulation processing and destruction. For banknote printers, our single note inspection systems enable new notes to be quality assured prior to issue.

With sixty years experience, our specialist knowledge of global cash cycle trends and currency management techniques ensure our customers' solutions are tailored to meet their specific cash processing objectives. Our on-going support and flexible service packages provide truly future-proofed solutions, enabled through our local presence, global knowledge and a proven ability to deliver bespoke requirements.

CPS is a strategic partner of De La Rue.

The DLR®7000 high-speed banknote sorter from CPS is the solution of choice for all currency processing organisations.

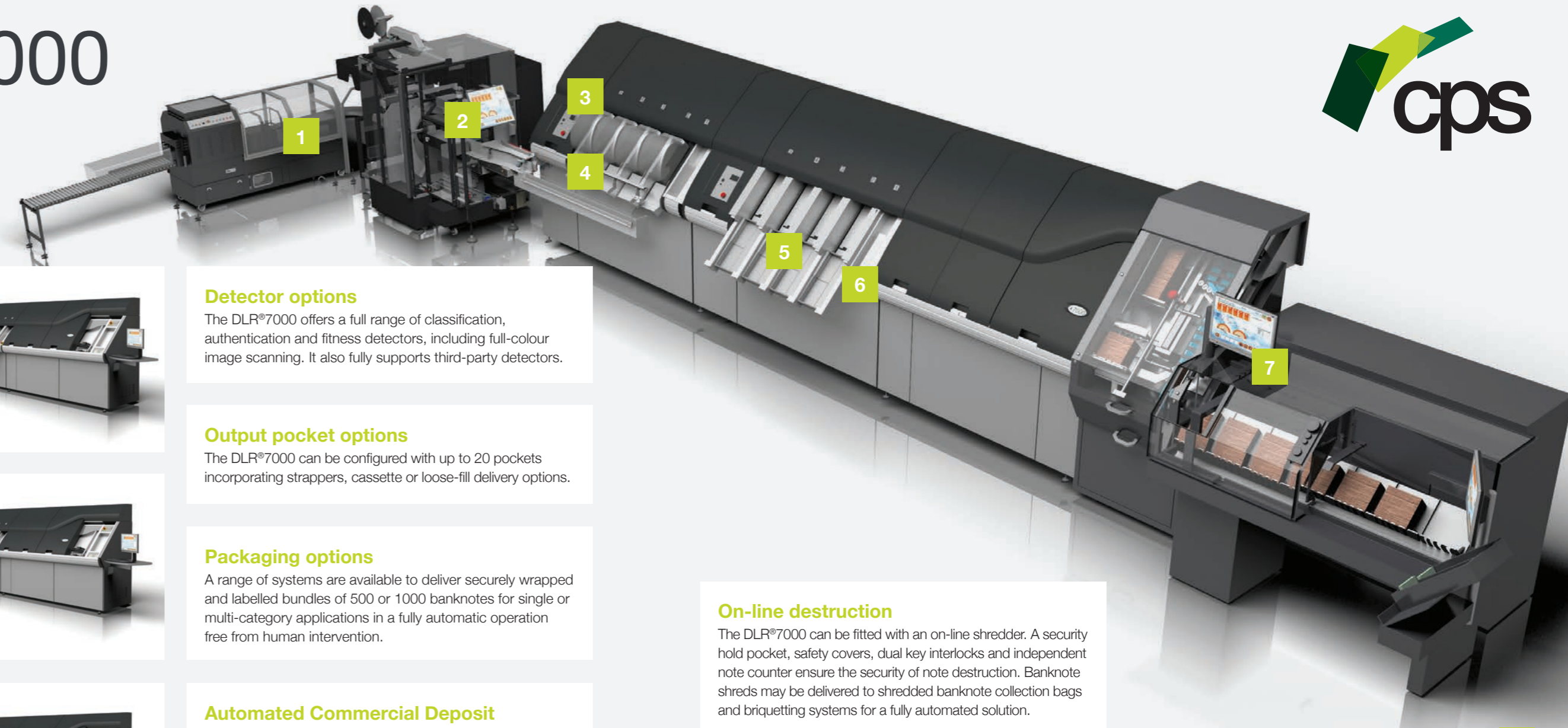
This sophisticated high-speed sorter has been specifically engineered to meet your needs and can be upgraded to ensure compatibility with new banknote designs and upgraded security features. Combining speed and technology, it ensures optimum security, productivity and performance for central banks, commercial banks and other organisations that need to handle large volumes of currency or other documents of value efficiently.

The DLR®7000 is a truly upgradeable, modular system that can easily be configured to match your needs. The system can be adapted for multi-denomination or single denomination sorting, on-line shredding, cassette filling or multi-currency modes. Your options are virtually unlimited.

If your current strategy involves reducing costs, improving productivity and enhancing security while adapting to meet future challenges, the DLR®7000 from CPS is a solution you can count on.



DLR®7000



DLR®7000 five-pocket



Detector options

The DLR®7000 offers a full range of classification, authentication and fitness detectors, including full-colour image scanning. It also fully supports third-party detectors.

Output pocket options

The DLR®7000 can be configured with up to 20 pockets incorporating strappers, cassette or loose-fill delivery options.

Packaging options

A range of systems are available to deliver securely wrapped and labelled bundles of 500 or 1000 banknotes for single or multi-category applications in a fully automatic operation free from human intervention.

On-line destruction

The DLR®7000 can be fitted with an on-line shredder. A security hold pocket, safety covers, dual key interlocks and independent note counter ensure the security of note destruction. Banknote shreds may be delivered to shredded banknote collection bags and briquetting systems for a fully automated solution.

DLR®7000 ten-pocket



Automated Commercial Deposit Processing (ACDP)

ACDP revolutionises your processing capacity. It enables you to meet your customers' current and future processing needs more quickly, easily and economically. It dramatically reduces the cost of processing each banknote, giving you a significant competitive advantage.

Our patented Automated Commercial Deposit Processing (ACDP) enables you to process multiple customer deposits continuously in a single pass, without stops for batch balancing and reports.

With ACDP, reconciliation is performed off-line. ACDP offers limitless options for combining several processes, such as fitness sorting, orientating and spreading mixed denominations into a single pass process.

ACDP enables you to:

- process high-and low-volume customer deposits in the same pass
- reconcile deposits continuously while processing
- process multi-denomination currency
- accept mixed media deposits such as coupons and vouchers in any orientation
- offer automated prime count facilities to retail customers

Sequenced Illumination (Sequil™)

Equipped with Sequil™ colour imaging technology, the DLR®7000 scans the full width of the banknote in full colour, enabling accurate, repeatable and sophisticated sorting decisions on a wide range of features.

Universal Bundling System – UBS

Available as an option, the UBS securely collates, labels and shrink-wraps bundles of 1000 notes in sequential order.

User interface

Simple and intuitive user interface manages system set-up, performance, maintenance and diagnostics.

DLR®7000 fifteen-pocket



DLR®7000 twenty-pocket



Feeder options

Choose from the standard 4000 note capacity feeder, already the largest in its class, or the 6000 note capacity extended feeder. Alternatively, for up to 8000 notes, choose the High Capacity Feeder (HCF).

Cassetting options

The feeder and pockets can be configured for use with a variety of cassettes for security and easy transportation.

Strapper pockets

Strapper pockets stack and strap packets of 100 fit notes in sequential order.

Cassette pockets

Cassettes can be used in the output pockets for easy collation and handling of notes.

Output pockets

Configurable pockets for sample, reject and unfit notes.

High Capacity Feeder – HCF

Available as an option, the HCF can be loaded with up to 8,000 banknotes across 8 carriers, ensuring continuous, automatic feeding into the DLR®7000. The HCF provides the user with an ergonomic and intuitive banknote loading interface enabling them to prepare the banknotes prior to loading into the carriers, which are then delivered by the conveyor to the DLR®7000 feeder area.