

NMD 50

Notes and Media Dispenser

Scaleable solutions for self service automation

The Notes and Media Dispenser NMD 50 provides a single denomination platform, upgradeable to four denominations. It is a tower configuration, friction feed mechanism offering front delivery of banknotes and other value media. With a small footprint, the NMD 50 has been specifically developed for the expanding retail and non-banking sectors and meets the demands for multi-media dispensing such as tickets, stamps, phone cards and vouchers. No planned maintenance is necessary, other than occasional cleaning which means that your machine is available for longer.



NMD 50

Notes and media dispenser

The NMD 50 contains three advanced features, unique to De La Rue NMD technology: IDD™, HPF™ and SCL™.

IDD Intelligent Double Detection delivers superb accuracy and consistent detection of doubles even when notes are severely degraded. With IDD, no mechanical adjustments or intervention are required which means that it is ready to use as soon as it is out of the box.

HPF High Performance Feed provides consistent and durable feeding, reliable handling of notes of all conditions and the ability to process notes without causing damage.

SCL Smart Cassette Logic offers a fully flexible solution with tamperproof cassettes which can be uniquely identified and individually replenished. Short, long, lockable and non-lockable cassette options are available.

The NMD 50 is available with either a tamper indicating and sealable reject vault or for convenience, a reject tray.

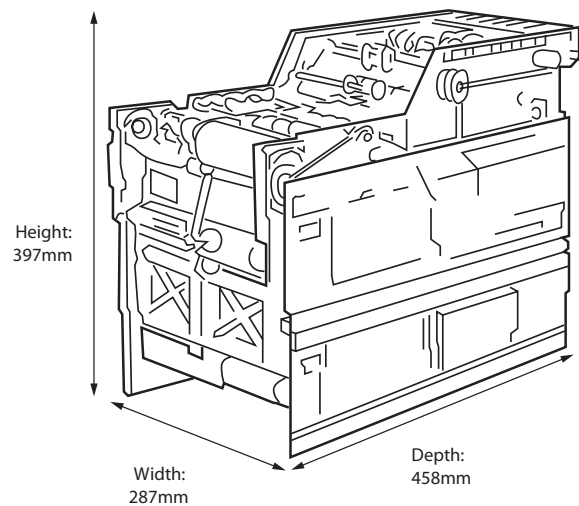
The NMD 50 is designed in accordance with the recommendations of leading International Standards Organisations including RoHS, UL and CE to allow for final approval when installed in complete systems.

De La Rue has over 40 years experience in the OEM business. Our mechanisms contain world class dispensing technology. Worldwide service and support is provided through our De La Rue OEM Customer Support Group.

Technical specification

- **Media capability**
The NMD 50 will handle the following size and thickness ranges:
Width: 58 to 85mm
Length: 100 to 181mm
Thickness: 0.06 to 0.18mm
- **Maximum cassette capacity**
(dependent on thickness and quality)
Short cassette: 240mm or up to 2000 banknotes
Long cassette: 340mm or up to 3000 banknotes
- **Weight (without notes)**
Standard 1-denomination NMD 50 (with cassette): 16.4kg (36.2lbs)
Additional denomination (without cassette): 3.0kg (6.6lbs)
Short cassette: 2.2kg (4.9lbs)
Long cassette: 2.9kg (6.4lbs)
Reject tray: 1.0kg (2.2lbs)
Reject vault: 1.2kg (2.6lbs)
- **Communication interface**
RS232C connection provided as standard
- **Power supply requirements**
The NMD 50 operates from a DC-only supply and requires the following power levels:
+12V ± 10% Max load current 3A
+36V ± 10% Max load current 5A
Power supply units are available from De La Rue as an option
- **Operating environment**
Temperature: 5 to 50°C, 41 to 122°F
Relative humidity: 10 to 90% non-condensing

Dimensions



The dimensions above are based on a standard one denomination mechanism. To calculate the dimensions for additional denominations add 128mm to the height.

IDD
INTELLIGENT DOUBLE DETECTION

HPF
HIGH PERFORMANCE FEED

SCL
SMART CASSETTE LOGIC

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