

THE NOVO CASH X10 CHANGE KIOSK WITH THE GRG BANKING RECYCLER

The perfect combination of money changer and bank machine

The highlight of the new NOVO Cash X10 is the high-quality GRG Banking Recycler for up to 3,600 banknotes. Banknotes are fed in and out as a bundle via an automatically opening and closing slot within seconds. In addition, the 2 recycler modules and the cash box are located on a pull-out drawer in a high-quality, certified safe made of 12 mm steel. The safe can also be fixed to the floor for extra security.

This overall concept opens up new possibilities for all gaming floors.



OPTIMISE YOUR CASH MANAGEMENT

Regardless of whether a payout is requested for a TITO ticket, via a player card, via a barcode or for changing banknotes or coins, the GRG Recycler pays out reliably and quickly.

For dispensing, the notes – according to the selected denominations – are collected and placed in the note slot, which then opens automatically. Up to 200+ banknotes counting can be processed per operation.

The GRG Recycler is characterised by its extremely fast checking and processing of banknotes. Up to 8 notes per second – that’s 480 notes per minute – are securely and quickly deposited or dispensed.

The banknote recycler from GRG Banking is easy to fill. The recycler cassettes and the cash box are fixed on a pull-out tray in the safe. These can be removed in the same way as dispenser cassettes and filled with the necessary banknotes.

It is also possible to fill them without opening the safe: place up to 200 banknotes in the banknote slot at once and have them read, checked and sorted by software.

The recycler can also be filled in general operation with the front door closed, as this menu item has been added to the service functions.

All banknotes are optimally secured in the high security safe and are available for change or withdrawal.



Cash Handling

GRG banknote recycler

- Banknote acceptance of all denominations from €5 to €500
- Banknote dispensing: 4 banknote denominations e.g. €10,- / 20,- / 50,- / 100,-
- Bundle input and bundle output of over 200 banknotes per transaction
- Very fast and accurate checking and processing of notes just like a bank machine
- Recycling modules and cash box are housed in a high-security safe  
The modules can be easily removed via pull-out rails and exchanged if necessary
- 4 banknote values can be used in recycling with a capacity of up to 3,600 notes
- 2 recycling modules (600 and 1,200 notes per module for two note values)
- Capacity of the cash box/note module: approx. 2,000 banknotes

Additional banknote validator JCM UBA Pro

- Accepts all banknote denominations from €5 to €500
- Also enables the acceptance of TITO tickets
- Cash box capacity approx. 1,000 banknotes or tickets
- Input: note by note

Coin circulation via two casino hoppers and additional coin box

- Acceptance: Bulk feed options for up to 250 coins  
Insertion of up to 1,000 coins and more  
Single coin insertion with locked coin chute
- 2 casino hoppers for €2 and/or €1 coins (other denominations on request)  
with extensions integrated in the coin recycling system  
Total capacity of 7,000 €2 or 8,500 €1 coins  
Very fast payout
- Additional coin box (remaining coins and overflow) with a volume of approx. 3,200 coins for €2 coins

Additional 3 coin hoppers to increase capacity and for additional coin denominations

- 3 additional Azkoyen T3 hoppers
- all three hoppers are mounted on a pull-out tray

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**NOVO Cash Distributor:** All NOVOMATIC subsidiaries worldwide  
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Modern PC and Software Technology

- Large 24-inch touchscreen
- Secure verification, processing and dispensing of coins and banknotes
- RFID smartcard reader for service calls
- TITO printer and/or receipt printer with automatic cutter
- Barcode- / QR-Code scanner
- Prepared for integration of a bank card payment device (PIN Pad) and NOVO VISION fingerprint modul
- A payout tray for coins and banknotes  
Casino payout of coins into a cup possible
- Industrial PC with Linux operating system and UPS
- NOVO Cash X software concept  
Service interface for a wide range of settings  
Documentation of all operations  
Extensive statistics  
Simple and ergonomic cashier interface  
Status and function messages by e-mail  
Internet connection and thus remote enquiry, remote maintenance, remote update possible  
Extensive analysis options for technicians
- Integration in most Casino Management Systems possible

Double Safety

- Housing and front door made of 3 mm steel  
Front door with 10-point safety lock  
Locking lever with double-bit lock and additional lock cover  
Double locking system (4-eyes-principle)
- The money changer housing contains a high-security safe:  
The GRG recycler module is secured in this safe  
Safe housing made of 12 mm steel incl. security lock  
Certified according to UL 291
- Reliable Linux PC with flashcard memory without fan and hard drive

Design

- Blue illuminated design edge around front door
- Coloured front design BLUE CIRCLE or individual front design according to customer requirements

Technical Data

Cabinet:	92 cm x 179 cm x 78 cm (W x H x D) (incl. spacer plates)
Weight:	590 kg (unfilled)

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THE PERFECT SYMBIOSIS  
OF MONEY CHANGER  
AND BANK MACHINE



- **3,600 BANKNOTES CAN BE RECYCLED**  
THANKS TO A HIGH-PERFORMANCE BANKNOTE RECYCLER, SIMILAR TO THOSE USED IN BANK MACHINES  
SIMPLE FILLING/REFILLING OF THE BANKNOTE RECYCLER
- **HIGHLY SECURE MONEY CHANGER**  
SECURITY HOUSING PLUS AN ADDITIONAL HIGH-SECURITY SAFE MADE WITH 12 MM STEEL (CERTIFIED TO UL 291)
- **EXTREMELY FAST PAYOUT OF €2 / €1 COINS**  
VIA TWO PARALLEL PAYING CASINO HOPPERS



Optimise your cash management with the NOVO Cash X10



- TITO
- CARDS
- BIOMETRIC
- BARCODE
- DEBIT CARD 2 TITO
- BILL BREAKING
- PAYOUT TO LAST COIN

Banknote validator JCM UBA Pro

Banknotes and TITO tickets are accepted via the integrated banknote validator from JCM. These are read in, checked and stored in the cash box. The banknotes are dispensed via the GRG recycler and the coins are dispensed via the integrated hoppers.



Banknote dispensing and recycling via the GRG Banking Recycler

This innovative high-tech banknote recycler from GRG Banking will elevate your operation: it accepts and dispenses bundles of up to 200 banknotes and more. Once placed in the note slot, the cover closes and the recycler processes the banknotes in seconds. According to the manufacturer, the GRG recycler processes 8 notes per second; that is almost 480 notes per minute. Two modules, each with 2 storage areas for 600 and 1,200 banknotes plus a cash box, are integrated into the note recycler. This means that 4 banknote denominations can be processed and integrated into the cycle.



Innovative security concept

Additionally to a housing made of 3 mm steel, a high-quality security safe has also been integrated into the housing of the changer, which confidentially secures the banknotes in the recycling and cash box of the GRG recycler. The housing and door of the safe are made of 12 mm steel and are locked using a high-security lock. This safe is certified to UL 291.



Processing 250 coins and more in seconds

Up to 250 coins can be inserted in each transaction, deposited for counting and sorting via the integrated and lockable coin chute.

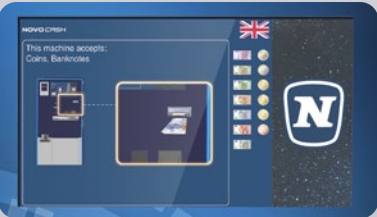


Fast coin dispensing via two casino hoppers

The payout process for € 2 / € 1 coins is now an authentic jackpot experience at the money changer with the fast and secure payout of the coin values that are included in the recycling. Together the two configurable recycling hoppers can retain up to €14,000 in 2 euro coins or 8,500 in 1 euros with any overspill easily diverted to the X10's large cash box. Other denominations are possible.

High coin supply via a total of 5 coin hoppers and coin box

In addition to the two large recycling hoppers, up to three more hoppers can be integrated. These are located on an additional pull-out rail for easy filling. The value of these additional hoppers can be changed from 2 cent to €2 at any time using the software thanks to the high-quality Azkoyen hoppers used.



Large 24-inch touchscreen

The user interface is straightforward and shows the customer the options for operating the inverter. Small operating sequences support handling, the coin and banknote values that are accepted are displayed on the screen, and the customer can also choose between different languages.

The supervisory and personnel function

The NOVO Cash X10 identifies service personnel or technicians using an RFID transponder. The extensive menu allows deposits and withdrawals to and from accounts, blocking and releasing banknotes and much more.



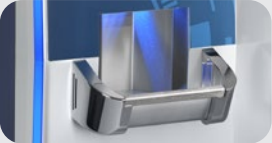
Internal printer for TITO and receipts

Paper change without access to the inside of the machine  
By separating the printer component from the inside of the changer ensures that only authorised employees can fill the printer – without gaining access to the money. In this way, the NOVO Cash X10 offers you security and at the same time simple on-site service.



Paying out coins

The ergonomic payout tray for coins ensures convenient payout. these can be easily and conveniently collected by adjusting a coin cup.



Customisable or standard artwork front panel

The NOVO Cash X10 is offered as standard with the BLUE CIRCLE front panel and all-round LED edge. However, if you really want to make an impact on your gaming floor, the NOVO Cash X10 can be totally customised using your in venue branding.

The Linux operating system

The NOVO Cash X10 is based on the reliable and stable Linux operating system. In combination with a fanless industrial PC without hard drive, the X10 guarantees a safe and smooth operation. In addition, in the event of a power failure, the industrial PC is switched off in a controlled manner by the integrated UPS (uninterruptible power supply).

The software concept

The NOVO Cash X-software concept represents a milestone in convenience and technology. Thanks to a user-friendly service interface, operators can, for example, monitor current operation, adjust settings and authorizations, and even update the software or firmware of kiosk components. All with a few clicks on the PC, tablet or smartphone – at any time and from anywhere. The NOVO Cash terminals can automatically alert the operator with updates on stock levels, errors and other important events via e-mail.

