

NOVO CASH

2026

XCHANGE

MODERN CASH KIOSKS



NOVO CASH XCHANGE - MODERN CASH KIOSKS

As a brand of the German technology supplier LÖWEN ENTERTAINMENT, NOVO Cash combines the cash management know-how of the entire NOVOMATIC Group and provides proven cash handling kiosks for the gaming industry, including casinos, arcades, motorway services, FECs, pubs and betting shops.

We offer End-to-end payment solutions including the state-of-the-art XCHANGE kiosks featuring cashless, TITO and biometric technology, as well as barcode and QR code tickets. Players have multiple options with bank cards, notes, coins, tickets, cards, vouchers and fingerprint.

The NOVO Cash XCHANGE series stands for more than just a money changer or redemption kiosk – it combines all functionality available for casinos, gaming facilities and sport betting stores in one multi-functional device. You could call it a crossover model, like in the automotive industry.

The NOVO Cash X-Software is available on all machines, provides detailed statistics and reports both at the machine and remotely, as well as a raft of configurable options to operate the kiosk in a customised way. In addition, the NOVO Cash devices can be integrated into all casino management systems; many interfaces have already been implemented.

Although we are talking about a cross-system solution and the customisation of the XCHANGER, various products have proven particularly successful and established themselves in specific areas. Therefore, we would like to divide the products into three categories below to help you choose the perfect product for your application.

We distinguish between the product areas CASINO, ARCADE and NOVO Cash Recycler, which support a new product approach due to the high recycling volume of banknotes.



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STATEMENT:
We focus on our customers and their individual needs.
With innovative strength and passion, we develop trendsetting products.

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PRODUCT OVERVIEW

NOVO CASH CASINO MASTER^{NEO} CASINO PREMIUM SELF SERVICE KIOSK POWERFUL WITH HIGH CAPACITY NEW: depth significantly reduced  THE EUROPEAN CASINO AWARDS PROUD WINNER JANUARY 2024 HOTEL PORTA FERRA, BARCELONA Dimensions (W x H x D in cm): 65 x 184 x 74 Extremely high banknote capacity High security European Casino Awards 2022 and 2025	NOVO CASH X4 CASINO & ARCADE COMPACT CHANGE AND REDEMPTION MACHINE FOR AUTOMATED CASH HANDLING  Dimensions (W x H x D in cm): 59 x 179 x 59 Small footprint Modular Many options	NOVO CASH X6+ ARCADE AND VLT THE PERFECT SOLUTION FOR MANY TASKS  Dimensions (W x H x D in cm): 72 x 179 x 59 Modular Versatile in use Compact Design	NOVO CASH X8 ARCADE AND VLT INNOVATIVE MONEY CHANGER THE ENHANCED VERSION OF THE NOVO CASH X6+  Dimensions (W x H x D in cm): 92 x 179 x 72 Innovative solution Very modular Large touchscreen integrated	NOVO CASH X8^{MRX} NOVO CASH RECYCLER HIGH-END SELF-SERVICE KIOSK FOR CASINO AND GAMING  Dimensions (W x H x D in cm): 92 x 179 x 72 MRX banknote recycler for all denominations Fail-safe option with additional banknote recycler and banknote dispenser	NOVO CASH X10 NOVO CASH RECYCLER THE PERFECT SYMBIOSIS OF MONEY CHANGER AND BANK MACHINE  Dimensions (W x H x D in cm): 92 x 179 x 78 3,600 banknotes in 4 denominations in recycling All notes are secured in UL-Safe
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MODULARITY AT A GLANCE

Choice of banknote validators or banknote recyclers

The acceptance of all euro banknotes from €5 to €500 is possible, with other currencies available on request at any time. All banknote validators can be equipped with a small (approx. 400 to 500 notes) or large cashbox (approx. 800 to 1,000 notes). The JCM UBA Pro banknote validator is the very latest model from Japan Cash Machine (JCM) and provides extremely fast processing of banknotes.

Of course, all banknote validators accept TITO tickets and deposit them in the cashbox.

Almost all money changer are prepared for the integration of different banknote recyclers.

Recycler	Recycling capacity	Integration in XChanger
JCM UBA Pro-RC200	2 x 100 notes	X4, X6+, X8
JCM UBA Pro-RQ	4 x 30 notes	X4, X6+, X8
Bill-to-Bill 300	3 x 100 notes	X6+
JCM MRX	8 x 60 notes	X8
GRG Recycler	2 x 1,200 and 2 x 600 (= 3,600 notes)	X10

Banknote dispensing via integrated banknote dispenser

NOVO Cash kiosks use various high quality banknote dispensers, all of which can be equipped with up to 3 to 5 cassettes, depending on the product.

Product	Approx. capacity per cassette	Number of cassettes	Max. capacity number of banknotes approx.	Used in
Fujitsu F53	500	2 to 5 cassettes	2,500	X4, X8 ^{MRX} (max. 3 cassettes)
LCDM	1,000	1, 2 or 4 cassettes	4,000	
CDM 6240	2,200	X8: 1,2 or 3 cassettes Casino Master: 5	X8: 6,600 Casino Master: 11,000	X8 and Casino Master

Dispense of coins up to the smallest denomination

In each NOVO Cash kiosk 3, 4 or even up to 6 coin hoppers can be integrated. This enables the payout of TITO tickets or player account balances down to the last cent / the smallest coin value. The payout strategy can be configured in the menu of the device. Of course, residual values can also be „paid out“ again as a TITO ticket.

So you choose your configuration of coin values according to your individual needs and can make adjustments via software at any time (not with the casino hoppers; they are fixed for one value of coins).

	X4	X6+	X8	X8 ^{MRX}	X10	Casino Master
Number of hoppers	3 plus mini hopper	6	max. 5 or 6*	max. 5 or 6*	max. 5 or 6*	3

* depending on which hopper is integrated into the recycling process

Optionally, the kiosks offer the acceptance of individual coins via a coin slot (X4) or a bulk feed option (X4, X6+, X8, X8^{MRX}, X10) via a coin chute. The accepted coins can be fed back to the coin hoppers and a coin cashbox: This enables coin recycling and a reduction in coin volume.

Debit card terminal PDQ

For the purchase of TITO tickets, NOVO Cash offers the integration of a debit card terminal into the NOVO Cash XCHANGE series (cooperation with our payment system provider required). This allows players to purchase a TITO ticket using a bank card – contactless or via chip and PIN – and have winning tickets paid back to their bank account. The legal guidelines must be observed.

The supervisory and staff function

The service staff or technicians are identified via RFID transponder. The extensive menu allows the review of the last transactions, the deposit to and withdrawal from accounts, the blocking and release of banknotes, the payout of handpays and much more.

Customisable or standard artwork front panel options

The NOVO Cash kiosks are offered as standard with a blue front panel or blue foil and a blue illuminated design edge around the front door. This front panel can also be provided with the colored decor TEMPLE OF GOLD, EYE OF THE QUEEN or BLUE CIRCLE for X4, X6+ and X8 or any front design of your choice. We will be happy to assist you in realizing your wishes.



The Linux operating system

Today, many modern vending machine concepts use a Linux operating system as a basis: it is secure and robust. The industrial PC integrated in the kiosks has been designed with service and reliability in mind. In addition, in the event of a power failure, the industrial PC is shut down and 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.



NOVO CASH XCHANGE FEATURES

For great versatility

You can choose the product best suited to your requirements. Adaptations to special requirements are possible.



TITO
Redemption and purchase of tickets

BARCODE
Redemption and charging of accounts via barcode

DEBIT CARD 2 TITO
Buying TITO tickets and charge back on bank account via debit / credit card

CARDS
Redemption and charging of accounts via magnetic, chip or RFID card

BIOMETRIC
Redemption and charging of accounts via fingerprint



3x500
Note dispenser 3 x 500 notes = 1,500 notes

5x500
Note dispenser 5 x 500 notes = 2,500 notes

4x1,000
Note dispenser 4 x 1,000 notes = 4,000 notes

3x2,200
Note dispenser 3 x 2,200 notes = 6,600 notes

5x2,200
Note dispenser 5 x 2,200 notes = 11,000 notes



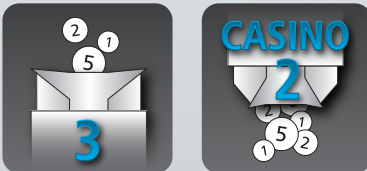
Note validator

Note validator or note recycler

2x Note validator or 2x note recycler

Note recycler bundle acceptance

Note recycler bundle deposit & bundle withdrawal



max. Coin hoppers
3, 4 or up to 6

max. Casino hoppers
2



Touchscreen

Industrial PC
Linux, UPS, X-software package

Blue illuminated design
edge around front door

Custom front design

NOVO Cash security class 3+

NOVO Cash security class V

High security
against break-in

FEATURE OVERVIEW

	CASINO MASTER NEO	X1	X6+	X8	X8 MRX	X10
	Casino	Casino & Arcade	Arcade & VLT	Arcade & VLT	NOVO Cash Recycler	NOVO Cash Recycler
Banknote dispenser	CDM 6240	F53	LCDM	CDM 6240	(F53)	
Number cassettes	3 to 5	2 to 5	1, 2 or 4	1, 2 or 3	2 or 3	
Capacity per cassette	2,200	500	1,000	2,200	500	
Max. capacity	11,000	2,500	4,000	6,600	1,500	
Number of banknote validators	1	1	1	2		1
Banknote validators	JCM UBA Pro JCM iVIZION	JCM UBA Pro	JCM UBA Pro	JCM UBA Pro		JCM UBA Pro
Banknote capacity (notes)	800/1,000	800/1,000	800/1,000	800/1,000		800/1,000
Banknote recycler (instead of validator)		JCM UBA Pro-RC 200	JCM UBA Pro-RC 200 JCM UBA Pro-RQ Bill-to-Bill 300	JCM UBA Pro-RC 200 JCM UBA Pro-RQ (2 possible)	JCM MRX (and JCM UBA Pro-RC 200)	GRG CRM9250N
Note-Recycling		2 x 100	2 x 100 or 4 x 30 or 3 x 100	2 x 100 or 4 x 30	8 x 60 = 480 (+ 2 x 100)	2 x 1200 and 2 x 600 = 3,600
Bundle acceptance					30 notes	200+ notes
Hoppers / denoms	3 / 3	3+1 / 4	6 / 6	5 / 5 (2 casino)	5 / 5 (2 casino)	5 / 5 (2 casino)
Coin acceptance		coin acceptor bulk feeder	bulk feeder	bulk feeder	bulk feeder	bulk feeder
Touchscreen	19"	10" or 21"	15" or 24"	24"	24"	24"
Advertisement on screen		✓ (21")	✓ (24")	✓	✓	✓
RFID reader for service menu	✓	✓	✓	✓	✓	✓
TITO ticket redemption	✓	✓	✓	✓	✓	✓
TITO printer	○	○	○	○	○	○
Card reader for magnetic, smart, RFID cards	○	○	○	○	○	○
Integration of PINPAD / PDQ * (debit / credit card acceptance)	○	○	○	○	○	○
Receipt printer	○	TITO or receipt	○	TITO or receipt	TITO or receipt	TITO or receipt
Fingerprint sensor **	○	○	○	○	○	○
Barcode / QR code reader	○	○	○	○	○	○
Handpay	○	○	○	○	○	○
Multi-currency	○	○	○	○	○	○
Electronic door lock	✓					
NOVO Cash security class	V	III+	III+	III+	III+	III+ and UL-safe

✓ = integrated ○ = option

* contract with payment system provider necessary
** via NOVO VISION

NOVO CASH CASINO MASTER

Key Features

- TITO: issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Biometrics: cash to fingerprint / fingerprint to cash
- Money changer
- Bank card, contactless
- Increased security for the bottom housing, where all banknotes are secured

Main Unit

- High-security cabinet with massive steel vault
All banknotes secured in vault fitted with electronic lock
- 19" touchscreen display
- Fast-action banknote dispenser CDM 6240 with 5 cassettes for up to approx. 11,000 notes
Payout note by note (spray dispensing)
- RFID card system for service functions
- Banknote validator
JCM UBA Pro / cashbox 900 notes
JCM iVIZION / cashbox 900 notes

Cash Handling (options)

- Coin hopper unit available up to 3 hoppers
Extensions to maximize coin stock

Additives (options)

- Webcam

Design

- Blue illuminated design edge around front door
- Colored front design BLUE CIRCLE

Modern PC and Software Technology

- 19" touchscreen display for fast and ergonomic operation
- RFID card reader for service functions e.g. staff accounts: deposit and withdrawal
Player card compatibility
- ITHAKA Epic 950 ticket printer
TITO tickets, receipts, statistics printouts
Change of paper via front access
- Receipt printer
- Integration of card reader (pull through) plus NOVO Vision fingerprint module possible
- Integration of bank card payment device possible / PIN pad
- Modern industrial PC
Reliable fanless Linux PC with SSD
Uninterruptible Power Supply (UPS)
- NOVO Cash X-software concept
Service interface for a wide range of settings
Documentation of all change 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

NOVO Cash Security Class V

(High level security thanks to additional safe in base cabinet)

- Massive steel vault for banknotes
Electronic locking system (4-eye principle)
- Front-service
- All cash components lockable

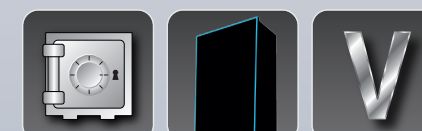
Technical Data

Cabinet: 65 cm x 184 cm x 74 cm (W x H x D)
Weight: 500 kg (depending on configuration)
Power Supply: 110-230V

PREMIUM SELF-SERVICE KIOSK POWERFUL WITH HIGH CAPACITY

NOVO CASH CASINO MASTER^{NEO}

- 19" touchscreen
- Fast-action banknote dispenser CDM 6240 with 5 cassettes for up to approx. 11,000 notes
- Choice of banknote validator: JCM UBA PRO or JCM iVIZION with large cashbox
- Coin payout via 3 hoppers possible
- Massive steel vault
- Colored front design BLUE CIRCLE



CASINO

NOVO CASH X4

Key Features

- TITO: Issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Biometrics: cash to fingerprint / fingerprint to cash
- Sports betting: payout wins via barcode
- Money changer
- Bank card, contactless
- Custom front design

Main Unit

- Security cabinet in steel blue / white aluminium
- 10" or 21" touchscreen display
- Banknote dispenser Fujitsu F53
with 2 to 5 cassettes
Capacity approx. 500 notes per cassette
(max. of 2,500 banknotes total)
Payout note by note (spray dispensing)
- RFID card reader for service functions
- Banknote validator
JCM UBA Pro / cashbox 400 / 900 notes

Cash Handling (options)

- Maximum of 4 coin hoppers
2 coin hoppers have an extension
(for up to 5,000+ coins together)
2 additional hoppers are possible
(a standard and a small one)
- Note recycler instead of note validator
JCM UBA Pro-RC 200, JCM UBA Pro-RQ
- Coin acceptance via coin validator or
coin bulk feeder (for up to 250 coins at once)

Design

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

Modern PC and Software Technology

- 10" or 21" touchscreen display
- RFID card reader for service functions
e.g. staff accounts: deposit and withdrawal
Player card compatibility
- ITHAKA Epic 950 TITO ticket printer or receipt printer
TITO tickets, receipts, statistics printouts
Change of paper via front access
- Barcode- / QR code scanner possible
- Prepared for integration of a bank card payment device / PIN pad
- Modern industrial PC
Reliable fanless Linux PC with SSD
Uninterruptible Power Supply (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

NOVO Cash Security Class III+

- Cabinet and front door made out of 3 mm sheet steel
- Front door with enhanced 8-point locking mechanism
- Locking lever with double-bit lock and additional lock cover
- Double-locking system (4-eye principle)
- High resistance against break-in

Technical Data

Cabinet:	59 cm x 179 cm x 59 cm (W x H x D)
Ground plate:	57 cm x 62 cm (W x D)
Weight:	250 kg (depending on configuration)
Power Supply:	110-230V

COMPACT CHANGE AND REDEMPTION MACHINE FOR AUTOMATED CASH HANDLING

NOVO CASH X4

- Perfect functionality in a compact format
- 10" high resolution or 21" touchscreen
- Banknote dispenser F53 with 2 to 5 cassettes
- Banknote validator: JCM UBA Pro
- NOVO Cash security class III+
- Offers almost all the functions of the larger devices



NOVO CASH X6+

Key Features

- TITO: Issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Sports betting: payout wins via barcode
- Money changer
- Bank card, contactless
- Custom front design

Main Unit

- Security cabinet in steel blue / white aluminium
- 15" or 24" touchscreen display
- Banknote dispenser LCDM with 1, 2 or 4 cassettes Capacity approx. 1,000 notes per cassette (max. of 4,000 banknotes total) Payout note by note (spray dispensing)
- RFID card reader for service functions
- Banknote validator JCM UBA Pro / cashbox 900 notes

Cash Handling (options)

- Maximum of 6 coin hoppers
3 coin hoppers have an extension (for up to 7,500+ coins together)
3 additional hoppers are possible
- Note recycler instead of note validator
JCM UBA PRO-RC200, JCM UBA Pro-RQ, Bill-to-Bill 300
- Coin acceptance via coin bulk feeder (for up to 250 coins at once)

Design

- Blue illuminated design edge around front door
- Blue front panel
- Optional: colored front design BLUE CIRCLE or individual front design according to customer requirements

Modern PC and Software Technology

- 15" or 24" touchscreen display for fast and ergonomic operation
- Secure checking, processing and dispensing of coins and banknotes
- RFID card reader for service functions e.g. staff accounts: deposit and withdrawal Player card compatibility
- ITHAKA Epic 950 TITO ticket printer and receipt printer TITO tickets, receipts, statistics printouts
- Barcode- / QR code scanner
- Prepared for integration of a bank card payment device / PIN pad
- Modern industrial PC
Reliable fanless Linux PC with SSD
Uninterruptible Power Supply (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

NOVO Cash Security Class III+

- Cabinet and front door made out of 3 mm sheet steel
- Front door with enhanced 8-point locking mechanism
- Locking lever with double-bit lock and additional lock cover
- Double-locking system (4-eye principle)
- High resistance against break-in

Technical Data

Cabinet: 72 cm x 179 cm x 59 cm (W x H x D)
Ground plate: 70 cm x 67 cm (W x D)
Weight: 300 kg (depending on configuration)
Power Supply: 110-230V

THE PERFECT SOLUTION FOR MANY TASKS

NOVO CASH X6+

- 15" or 24" touchscreen for optimal operability
- Banknote dispenser LCDM with 1, 2 or 4 cassettes for 1,000, 2,000 or 4,000 banknotes
- Banknote validator: JCM UBA Pro with large banknote cashbox
- Cent-accurate coin payout via up to 6 hoppers
- NOVO Cash security class III+
- Optionally with colored front design BLUE CIRCLE, or individual design according to customer requirements



ARCADE AND VLT

NOVO CASH X8

Key Features

- TITO: Issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Sports betting: payout wins via barcode
- Money changer
- Bank card, contactless
- Custom front design

Main Unit

- Security cabinet in steel blue / white aluminium
- 24" touchscreen display
- Fast-action banknote dispenser CDM 6240 with 1, 2 or 3 cassettes for up to approx. 6,600 notes
- Payout note by note (spray dispensing)
- RFID card reader for service functions
- Banknote validator / 2 possible JCM UBA Pro / cashbox 900 notes

Cash Handling (options)

- 2 casino hoppers or 3 standard hoppers with extension for up to 7,000 €2 coins (or 8,500 €1 coins) 3 additional hoppers and cashbox are possible
- Note recycler instead of note validator JCM UBA Pro-RC200, JCM UBA Pro-RQ,
- Coin acceptance via coin bulk feeder (for up to 250 coins at once)

Design

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

Modern PC and Software Technology

- 24" touchscreen display with video advertising area
- Secure checking, processing and dispensing of coins and banknotes
- RFID card reader for service functions e.g. staff accounts: deposit and withdrawal Player card compatibility
- ITHAKA Epic 950 TITO ticket printer or receipt printer TITO tickets, receipts, statistics printouts
- Barcode- / QR code scanner
- Prepared for integration of a bank card payment device / PIN pad
- Modern industrial PC Reliable fanless Linux PC with SSD Uninterruptible Power Supply (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

NOVO Cash Security Class III+

- Cabinet and front door made out of 3 mm sheet steel
- Front door with enhanced 10-point locking mechanism
- Locking lever with double-bit lock and additional lock cover
- Double-locking system (4-eye principle)
- High resistance against break-in

Technical Data

Cabinet:	92 cm x 179 cm x 72 cm (W x H x D) incl. spacer plates
Base plate:	88 cm x 78 cm (W x D)
Weight:	410 kg (depending on configuration)
Power Supply:	110-230V

INNOVATIVE MONEY CHANGER

THE ENHANCED VERSION OF THE NOVO CASH X6+

NOVO CASH X8

- 24" touchscreen with video advertising area
- Fast-action banknote dispenser CDM 6240 with 1, 2 or 3 cassettes for up to approx. 6,600 notes
- Up to 2 banknote validators possible: JCM UBA Pro with large banknote cashbox
- Cent-accurate coin payout via up to 5 hoppers and additional coin cashbox 2 casino hoppers are in coin recycling / extremely fast payout
- NOVO Cash security class III+
- Optionally with colored front design BLUE CIRCLE, or individual design according to customer requirements



NOVO CASH X8^{MRX}

Key Features

- Cash recycler
High volume of note recycling
Banknotes bundle deposit and bundle withdrawal
Coins can be fed in bulk
Secure cash deposit / withdrawal without front door opening
- TITO: Issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Sports betting: payout wins via barcode
- Bank card, contactless
- Custom front design

Main Unit

- Security cabinet in steel blue / white aluminium
- 24" touchscreen display
- Banknote recycler JCM MRX with acceptance of banknotes in bundles of up to 30 notes and a recycling capacity for 480 notes (8 roles for 60 notes each) and cashbox for up to 2,200 notes pays out banknotes in bundles of up to 30 notes
- RFID card reader for service functions

Cash Handling (options)

- Banknote recycler JCM UBA Pro-RC200
Recycling of 2 x 100 notes
- Note dispenser F53 with 2 or 3 cassettes
each cassette has a capacity of 500 notes
- 2 casino hoppers or 3 standard hoppers
all with extension for up to 7,000+ €2 coins (or 8,500+ €1 coins)
3 additional hoppers and cashbox are possible
- Coin acceptance via coin bulk feeder
(for up to 250 coins at once)

Design

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

Modern PC and Software Technology

- 24" touchscreen display with video advertising area
- Secure checking, processing and dispensing of coins and banknotes
- RFID card reader for service functions
e.g. staff accounts: deposit and withdrawal
Player card compatibility
- ITHAKA Epic 950 TITO ticket printer or receipt printer
TITO tickets, receipts, statistics printouts
- Barcode- / QR code scanner
- Prepared for integration of a bank card payment device / PIN pad
- Modern industrial PC
Reliable fanless Linux PC with SSD
Uninterruptible Power Supply (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

NOVO Cash Security Class III+

- Cabinet and front door made out of 3 mm sheet steel
- Front door with enhanced 10-point locking mechanism
- Locking lever with double-bit lock and additional lock cover
- Double-locking system (4-eye principle)
- High resistance against break-in

Technical Data

Cabinet:	92 cm x 179 cm x 72 cm (W x H x D) incl. spacer plates
Base plate:	88 cm x 78 cm (W x D)
Weight:	410 kg (depending on configuration)
Power Supply:	110-230V

HIGH-END SELF-SERVICE KIOSK FOR CASINO AND GAMING

NOVO CASH X8^{MRX}

- 24" touchscreen with video advertising area
- High-end banknote-recycler JCM MRX for all banknote denominations
Bundle input/output for up to 30 banknotes
480 banknotes in recycling
Cashbox for approx. 2,200 notes
- Top-quality coin capacity via 5 coin hoppers and additional coin cashbox
3 hoppers are in coin recycling
2 casino hoppers are in coin recycling
extremely fast payout
- Cent-accurate coin payout
- Optional banknote recycler
JCM UBA Pro-RC200
- Optional banknote dispenser
F53 with 2 or 3 cassettes
- NOVO Cash security class III+
- Optionally with colored front design BLUE CIRCLE, or individual design according to customer requirements



NOVO CASH RECYCLER

NOVO CASH X10

Key Features

- Cash recycler for notes and coins
High volume of note recycling
Banknotes bundle deposit and bundle withdrawal
Coins can be fed in bulk
Secure cash deposit / withdrawal without front door opening
- TITO: Issuance / redemption of tickets
- Cashless: cash to card / card to cash
- Sports betting: payout wins via barcode
- Bank card, contactless
- Custom front design

Main Unit

- Security cabinet in steel blue / white aluminium
- 24" touchscreen display
- GRG banknote recycler
 - Accepts banknotes 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
 - 2 recycling modules and one cashbox 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 cashbox / note module: approx. 2,850 banknotes
- RFID card reader for service functions

Cash Handling (options)

- Additional banknote validator JCM UBA Pro
Accepts all banknote denominations from €5 to €500
Also enables the acceptance of TITO tickets
Cashbox capacity approx. 1,000 banknotes or tickets
- Coin circulation via two casino hoppers and additional coin cashbox
 - 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

Modern PC and Software Technology

- Additional 3 coin hoppers to increase capacity and for additional coin denominations
all three hoppers are mounted on a pull-out tray

Modern PC and Software Technology

- 24" touchscreen display with video advertising area
- Secure checking, processing and dispensing of coins and banknotes
- RFID card reader for service functions
e.g. staff accounts: deposit and withdrawal
Player card compatibility
- ITHAKA Epic 950 TITO ticket printer or receipt printer
TITO tickets, receipts, statistics printouts
- Barcode- / QR code scanner
- Prepared for integration of a bank card payment device / PIN pad and NOVO VISION fingerprint module
- Modern industrial PC
Reliable fanless Linux PC with SSD
Uninterruptible Power Supply (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

NOVO Cash Security Class III+ and UL-safe

- Cabinet and front door made out of 3 mm sheet steel
- Front door with enhanced 10-point locking mechanism
- Locking lever with double-bit lock and additional lock cover
- Double-locking system (4-eye principle)
- The cabinet contains a high-security safe:
The GRG recycler module is secured in this safe
Safe housing made of 12mm steel incl. security lock
Certified according to UL 291

Design

- Blue illuminated design edge around front door
- Colored front design BLUE CIRCLE
- Optional 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:	640 kg (depending on configuration)
Power Supply:	110-230V

THE PERFECT SYMBIOSIS OF MONEY CHANGER AND BANK MACHINE

NOVO CASH X10

- 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 coins
via two parallel paying casino hoppers



YOUR NOTES

[illegible]This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.



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