

Pay station  
**EMS-4000**



# Pay station EMS-4000

## DESCRIPTION

Intuitive and user-friendly operation, minimized operational and maintenance costs, simple and secure data management: these key features are realized with the performant and reliable EMS-4000 pay station which combines the experience of over 30 years cash processing with our know-how in software and hardware development. Beside its numerous hardware equipment options, the system can be individualized by its configurable software to meet the customer needs at its best. Based on this flexible architecture, further modifications can be realized to meet challenges of the future. The EMS-4000 accepts coins, tokens, banknotes and cashless payment via card for payment.

A combination of tube changer (with six individual definable coin tubes) and coin hopper (both self-refilling) guarantee a maximum period of time to refill to reduce service expenditures. For the output of barcode tickets, vouchers, receipts or cash reports, the EMS-4000 is equipped with a thermal printer. Optional, RFID-value cards can be bought, loaded and dispensed for a subsequent use as cashless payment and wear-free medium at BECKMANN components (e.g. RFID-Terminal, EMS-ENERGY etc.). With the use of RFID-value cards, discounts and promotions can be realized to strengthen customer loyalty. If the credit is expended, the RFID card can be recharged or returned at EMS-4000. Over and above that, the robust and secure steel housing and the use of high quality components (e.g. safe lock with special locking mechanism, stainless steel buttons,...) lead to a long product life, less service expenditure and very good weather resistance. The elegant EMS-4000 can be mounted on wall or detached on an optional pillar. All electronic modules are equipped with a powerful processor which is driven by an own developed, programmed and optimized operating system Beckmann OS. By eliminating additional PC components, the operating system convinces through reliability, serviceability and security. A webinterface provides status information and allows an intuitive parameter configuration via remote access. Further, a detailed analysis of sales data is possible by using the optional software EMS-DATA.

## QUESTIONS?

## GIVE US A CALL!

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Figure:

Self-refilling tube changer and coin hopper

## TECHNICAL DATA

- 10" TFT-colour-display
- Multicoloured LEDs with status indication
- 8x robust vandal-proof buttons
- Self-refilling tube changer (6x coin tubes)
- Self-refilling coin dispenser with large capacity (e.g. 1€ hopper = 600 coins)
- Banknote reader (all directions)
- Thermal printer (e.g. for tickets, vouchers, receipts)
- Safe lock with a special locking mechanism
- Web-Interface for remote-access and parameter settings
- Surface galvanized and powder coated
- Colour housing: Tiger P7  
 Colour stainless-steel front: Sparkling Silver New
- Dimensions (HxWxD): 1140 x 513 x 393 mm

## OPTIONS

- Cashless payment cardterminal
- RFID-value card dispenser
- 2nd coin dispenser with large capacity
- GFG touchscreen
- Security coin-box (self-closing)
- Alarm contacts, intercom
- Pillar, illuminated roof-top, outdoor package
- Statistics software EMS-DATA

# Pay station (through the wall installation) **EMS-4000 Rearload**



# Pay station (through the wall installation) **EMS-4000 Rearload**

## DESCRIPTION

The EMS-4000 Rearload is designed for through the wall mounting and therefore ideally suited for harsh environmental conditions. This databased pay station is used for dispensing, loading or taking back RFID value cards.

Besides the acceptance of banknotes, coins as well as tokens can be processed. Furthermore, cashless payments with bank and credit cards with pin input can be made at the card terminal. For the return of the card deposit, coin hoppers with a large capacity are integrated, which allow a long service life until refilling. The EMS-4000 is equipped with a thermal printer for issuing barcode tickets, receipts or cash reports. A heating package is also part of the standard equipment.

## HANDLING PROCEDURE

After selecting the desired card amount, the corresponding credit balance is loaded onto the RFID hard plastic card after payment (with coins, bank bills, EC & credit cards) at the automatic pay station and the card is issued. With the cashless RFID card, the customer can start the existing high-pressure cleaner and vacuum cleaner stations by holding it in front of the respective RFID terminal. The card can be recharged at any time at the pay machine or returned against payment of the card deposit.



**Figure 1:**  
 RFID value card, e.g. Kärcher Wash-Card



**Figure 2:**  
 Tube changer and coin hopper

## TECHNICAL DATA

- 10" TFT-Color-Display
- GUI Touchscreen
- Bank-/ Credit card terminal for cashless payments with Chip/NFC and Pinpad
- RFID-value card dispenser
- Self-refilling tube changer (6x coin tubes)
- Coin dispenser with large capacity
- Banknote reader (all directions)
- Thermal printer (e.g. for tickets, vouchers, receipts)
- Heating package
- Safe lock with a special locking mechanism
- Separate lockable internal cash stocks
- Door hinge left (viewed from behind)
- Dimensions frontplate: 800 x 880 mm (WxH)
- Dimensions housing: 700 x 780 x 380 (WxHxD)
- Stainless steel frontplate: 4mm, housing-colour: Tiger P7
- Web-Interface for remote-access and parameter settings

## OPTIONS

- Cashless version (w/o coin validator & banknote reader)
- Statistics software EMS-DATA

## QUESTIONS?

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