

# EMP 500 v7 /CLB

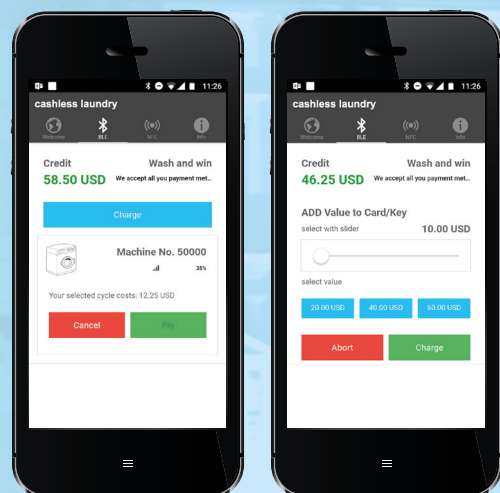
**3-in-one payment solution for laundrettes**

## Payment

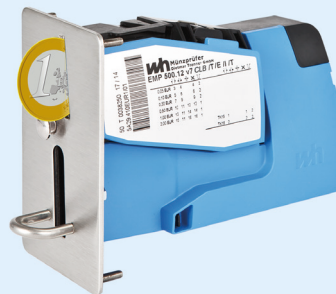
- 1 By Coins**
- 2 By NFC-Key**
- 3 By app via Bluetooth**

- **More flexibility for the customers**
- **Easy-to-use via wh Münzprüfer's "cashless laundry" app**
- **Supports PayPal and credit card payments**
- **Payment with coins, RFID-key or app**
- **Price setting automatically by the machine**

## Mobile application:



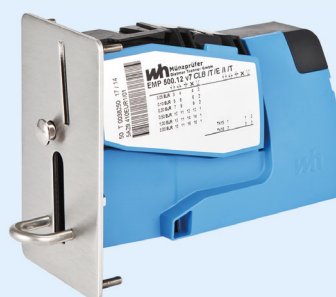
**1**



**2**



**3**



Multiple payment methods in one device. The EMP 500 v7 /CLB coin selector accepts coins and cashless payments. Developed to be more flexible and to make laundrettes more convenient for users and operators. Supported by Android and iOS application for mobile devices with Bluetooth technology and mobile network.

## BENEFITS

- Cashless or coin payments permitted
- Customer retention:
  - vouchers
  - loyalty programmes
- Various methods to set price:
  - Machine sets price of cycle (serial interface)
  - User sets price in app (not for RFID-key)
  - Operator sets price at the coin selector
- Intuitive app for smartphones (Android and iOS)
- Direct flow of funds from customer to operator
- Laser labelled front plates and accessories for OEM or operator available

## FLEXIBLE AND CUSTOMER ORIENTED

The EMP 500 v7 /CLB coin selector enables the operator to increase the number of accepted payment methods within the same device. It is retrofittable to previous EMP 500 series. No modification of the laundry machine is required. When retrofitting, app payments allow flexible pricing, payment with RFID-key has a fixed pricing, This fixed price can then also be paid via app payment.

# Flow of funds – payment app via Bluetooth



## TECHNICAL DATA

### coin acceptance

### coin blocking

### output signals

### output pulse length

### supply voltage

### power supply

### operation temperature

### humidity classification

### max. coin sizes

### dimensions

### set up requirement of CLB

32 coin channels, 16 master respectively 16 slave channels

individual coins or groups of coins can be blocked with DIP switches

two coin output signals, serial interface, open collector, opto-coupler or solid state relays

1 ms ( $\pm 2\%$ ) to 65 seconds and pulse/pause interval programmable

8 to 30 volts DC

12 to 24 volts AC

maximum 0.6 W standby, during coin acceptance 4.5 W for approx. 100 ms

+10°C to +70°C

annual average  $\leq 65\%$  relative humidity

maximum 60 days per year 85% relative humidity, no condensation

diameter: 30 mm, thickness: 3.3 mm

(without front plate)

height: 80.1 mm, width: 47.6 mm, depth: 119.8 mm

Android mobile device with NFC technology

# Flow of funds – RFID card system

