

PRODUCT INFO

FAA-2000/TS

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FAA-2000/TS in Neuchâtel, Swiss



FAA-2000/TS in Vancouver, Canada

GENERAL

The ticket vending machine FAA-2000/TS already proved its efficiency and reliable performance in the field for several years.

A highly modern and network compatible computer system that is synchronized to the environmental surroundings of the TVM as well as a large-format touch screen userinterface are standard basic equipments of

the FAA-2000/TS.

Depending on the requirements of each project, the basic TVM can be upgraded with the following components:

- Printing units for the production of paper tickets
- Smart Card terminals for Smart Card handling according to ISO 14443 as memory- or processor cards (e.g. for Core Application or ITSO systems)

- Magnetic stripe terminals for side- and middlestripe cards
- Processing units for coins
- Processing units for bank notes
- Processing units for national/ international credit and debit cards
- Audio support

Today's requirements of a modern and innovative customer self service system are well covered through this TVM. Adjustments to changing needs are possible at any time due to the modular assembly of the hard- and software.

The extensive development of hard- and software made by Scheidt & Bachmann are basis for:

- Long-term and cost-effective utilization of the system
- Low maintenance and repair cycles
- Secured long-term supply of spare parts / adjustments to future demands
- Active securing of effective investments

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MANAGEMENT FUNCTIONS OF THE BACKGROUND SYSTEM

The easy operable Scheidt & Bachmann background system is responsible for the technical and administrative business management of the FAA-2000/TS. Among the rest, it encloses the following software modules:

- Visualisation of the end devices' status
- Direct control of the end devices via group or single commands
- Alarm management
- Online-/offline data supplying
- Online-/offline uploads of result-, transaction-, sales data...
- Interfaces to existing account systems of the customer as PTcom, Patris...
- Interface to counting machines
- Secured TVM revenue account functionality
- Statistical functions
- Hand in of contact smart cards (GeldKarte) data
- Smart Card management including customer management
- Route and tour planning for revenue, accounting and service
- Maintenance control under consideration of in-use cycles
- User management including a detailed authorization concept
- Archive tool for a long-termed archival storage of original data

For more information refer to the product information "Central Support System".

TECHNICAL DATA

Case/door	Break-in protection through 2 mm high-grade steel body with a 3 mm strong high-grade steel door, body/door with additional reinforcement at endangered sections. Door with aluminium front panel including an inlaid field (207x770mm) available. Surface in RAL- colours varnished or with graffiti resistant brushed high-grade steel surface. Body and door protected and secured by an alarm system, option: additional safety device by using a special lock security (Drumm) or electronical closing. Dimensions (W x H x D): 900 mm x 1350 mm x 550 mm or 450 mm (Depth) depending on the equipment.
User Interface	Transflective 15" LC display with ultra sonic touch, suitable for outdoor usage.
Coin processing unit	<ul style="list-style-type: none"> • Electronical coin verifier (different types available) • 6 coin magazines (max.), self filling with intermediate cashier functionality, incl. electronical coding, up to 148 coins capacity per magazine (depending on coin type) • Self closing, robust and break-in protected coin box, made of high-grade steel, incl. electronical coding, capacity 7 liters, ergonomic handling, stackable for transportation • 3 additional coin magazines (max.), up to 2.000 coins capacity each (depending on coin type)
Bank note processing unit	Different kinds available with/without intermediate cashier, install- und controllable, bank note box with electronical coding depending on the type of the bank note processing unit.
Cashless payment	Different types of cashless payment terminals (with/without pinpads) are available for processing national and international debit-/credit cards as well as contact smart cards (GeldKarte).
e-Ticketing	Processing of e-Tickets or customer specific cards via Scheidt & Bachmann card processing modules. High performance processing of contactless ISO 14443-Smart Cards via Scheidt & Bachmann Smart Card Reader. Extensive support of national e-Ticketing-applications as Core Application (Germany) or ITSO (UK).
Printing unit and ticket distribution	Different types of distribution units are available for ticket processing/distribution. <ul style="list-style-type: none"> • Paper Tickets: graphic-capable thermal printing unit with 2 rolls, paper width up to 86 mm, printer width 80 mm, variable ticket length, bar code registration optional • Magnetic Cards: magnetic card terminal including print/cut unit, several stacks of magnetic cards (cashier proofed and locked in changeable magazines) or as rolls • Smart Cards: Smart Card terminal for processing/distribution of Smart Cards
Computer	<ul style="list-style-type: none"> • Industrial-PC, operating system Windows XP/embedded, extensive data security through double process recording on two physically independent storages, system memory (RAM, hard disk) changeable • Communication via: LAN, ISDN, DSL, WLAN, GSM, GPRS, EDGE, UMTS available
Voltage	230V/50 Hz or 110V/60 Hz available, integrated UPS-functionality.

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