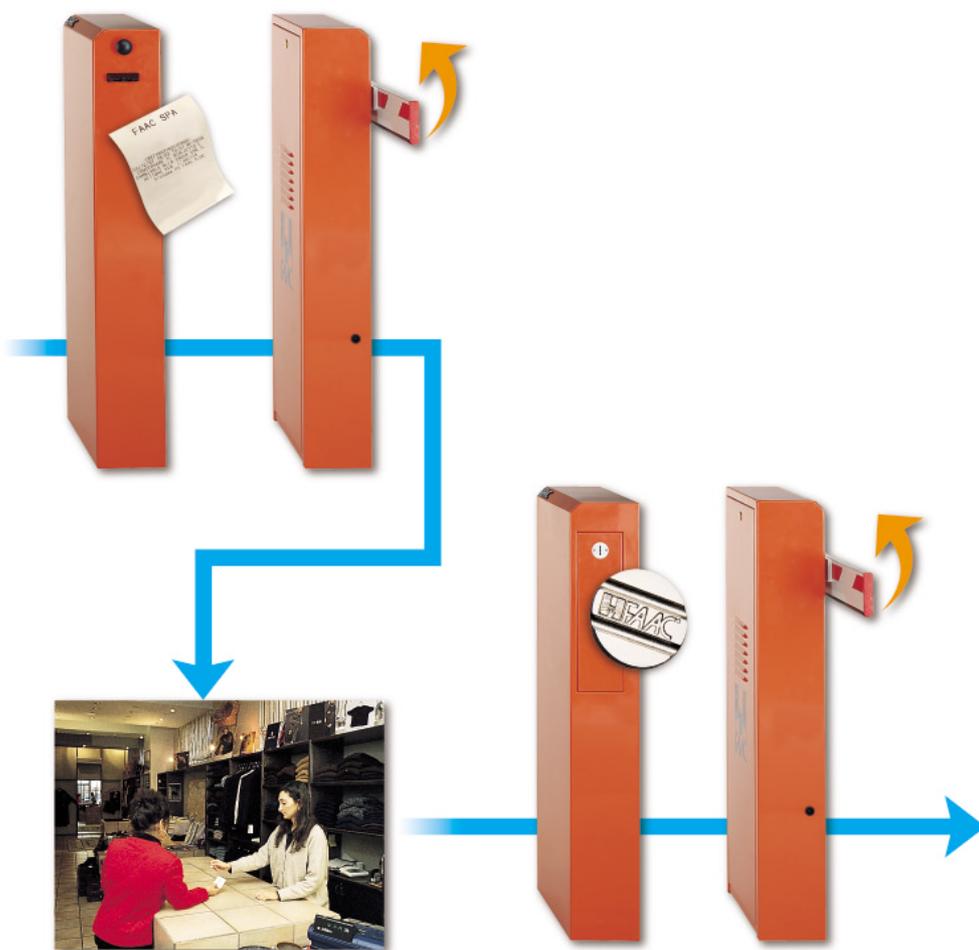# 620 STANDARD

free or pay parking areas
with single-stay user management
(remote or in-lane manned toll-booth)

CE

Management, control and signalling of occupancy status

Entrance ticket with date and time in alphanumeric characters

Parking parameters configured by CTM 170 programming unit

Manual calculation of parking fees

Display and printing of entered/present/exited vehicles plus alarm display.

Printing of daily statistical data

Exit by token in case of remote toll-booth

Operating system in five languages (I – GB – F – D – ES)/non standard languages (optional)

SPECIFICATIONS

The system essentially consists of a ticket dispenser and a token acceptor respectively on the entrance and exit lanes. Temporary use of the CTM 170 programming console enables parking parameters to be configured. The system is completed with automatic barriers at entrance/exit, signalling devices such as "parking available/full" panel and lane traffic lights. If the lanes include pedestrian transit points, we advise installing safety photocells with FSW card.

Specifications of individual components follow

Entrance lane/s consisting of:

"Parking available /full" panel signalling the occupancy status.
• Management with CPU (T.D.) card
• structure in stainless steel
• plexiglas panels
• luminous, double-face
• traffic lights with two lights: one red (car park full) and one green (parking available)
• power supply: 230V/50Hz
• wall-mounted or on a support pole

Ticket Dispenser 620, designed for issuing tickets with alphanumeric characters.
• Housing in steel sheet with protective cataphoresis treatment, painted with RAL 2004 polyester paint
• front panel with ticket request button and ticket collection opening
• heating device piloted by a thermostat to ensure operation even in severe weather conditions
• alphanumeric ticket dispensing unit, fed by continuous paper strip and equipped with self-sharpening cutter
• high resolution thermal printer
• ticket dimensions and weight : 86 x 60 mm - 75 gr/m 2
• ticket dispensing capability: 3000 max per ticket roll
• ticket dispensing speed: 19/min max
• data coded on ticket: date/hour/minutes/dispensing unit number/ticket sequential number
• spare paper signal by optical sensor
• electronics controlled by a microprocessor, designed for connection to CTM170
• operational parameters under buffer battery
• optoisolated interfacing with lane elements (traffic lights, barriers, detector)
• vehicle presence detector, and barrier closure command
• weight: 34 kg
• power supply: 230V/50Hz
• max absorbed power: 100 W
• operating ambient temperature: -20° C +50° C

Lane traffic lights, to manage vehicle flow (vehicle stop or go)
• Structure in polycarbonate with two lights: red/green, 200 mm diameter
• incandescent lamps 70W/230V
• wall-mounted or on a support pole

620 Rapid barrier for parking area access control
• Housing in steel sheet with protective cataphoresis treatment, painted with RAL 2004 polyester paint
• hydraulic automation device with control unit and plunger pistons
• balancing spring with adjustable compression
• by-pass valves for adjusting opening and closing torque
• use frequency: 100%
• opening time: 2-3 s
• cooling fan piloted by thermal probe
• travel-limit electronic deceleration
• electronic control equipment with microprocessor
• aluminium beam (max length 4 m) painted white, with red reflective strips, and impact-proof rubber profile on lower edge.
• weight: 73 kg
• power supply: 230V/50Hz
• max absorbed power: 220 W
• operating ambient temperature: -20°C +55°C

CTM 170 programming console

For configuring parking area parameters and displaying certain data in real-time

Functions

- configuration and display of number of vehicles in parking area/total number of vehicles entered in parking area/maximum capacity of parking area/date and time/ticket dispenser number/ticket heading/with or without title
- language selection
- alarms display: jammed ticket/ticket requested but uncollected/ spare roll of thermal paper/ clock battery discharged

Exit lane/s consisting of:

Token acceptor for exiting parking area with a token.
• Housing in steel sheet with protective cataphoresis treatment, painted with RAL 2004 polyester paint
• electro-mechanical equipment preventing insertion of token if no vehicle present
• token acceptance time: 2 s max
• vehicle presence detector, and barrier closure command
• weight: 22 kg
• operating ambient temperature: -20°C +50°C
• absorbed power: 12 W
• power supply: 24 Vdc

Lane traffic lights, to manage vehicle flow (vehicle stop or go).
• Structure in polycarbonate with two lights: red/green, 200 mm diameter
• incandescent lamps 70W/230V
• wall-mounted or on a support pole

620 Rapid barrier for parking area exit control
• Housing in steel sheet with protective cataphoresis treatment, painted with RAL 2004 polyester paint
• hydraulic automation device with control unit and plunger pistons
• balancing spring with adjustable compression
• by-pass valves for adjusting opening and closing torque
• use frequency: 100%
• opening time: 2-3 s
• cooling fan piloted by thermal probe
• travel-limit electronic deceleration
• electronic control equipment with microprocessor
• aluminium beam (max length 4 m) painted white, with red reflective strips, and impact-proof rubber profile on lower edge.
• weight: 73 kg
• power supply: 230V/50Hz
• max absorbed power: 220 W
• operating ambient temperature: -20° C +55° C.