

**Model**

**640**

# **FAAC BARRIER GATE SYSTEMS:**

**Access Control and Convenience  
for Demanding Applications.**



**Model 640**  
**Hydraulic Barrier Gate Operator**



A white cabinet can be substituted for the standard FAAC orange at no extra charge

**FAAC is the world's largest  
specialized manufacturer of automatic  
gate operating equipment.**

**FAAC** USA  
An ISO 9001 Certified Company

## When Long Beams are Needed

The Model 640 is the ideal hydraulic barrier for controlling heavy traffic at wide entrances.

The 640 operates continuously, raising aluminum beams from 13 to 23 feet long in as little as 4 to 7 seconds.

### Perfect Behavior

The 640 always stops smoothly

and gently, thanks to an adjustable electronic braking system which slows the beam down before the end of its travel when opening and closing. A heat sensor monitors the operator temperature, switching on a cooling fan when required.

### Dedicated Logic

The 624 MPS control panel is standard with the 640. The electronic intelligence of the 640 offers three different control logics: automatic, semi-automatic and car park (P), the latter specifically designed for automatic car lots.

### Flexibility

The 640 can be outfitted with a skirt to stop unauthorized entry under the barrier arm.

### Foreseeing The Unexpected

An automatic barrier release system for power failure is available as an option.

The 624 MPS also features an emergency input which, for example, can be connected to a fire alarm...when the alarm is tripped, the barrier will open and stay open until reset.

## Model 640 Specifications

### Duty type

medium-high volume traffic control; wide entrances

### Duty cycle at 72°F (24°C)

100% motor run time

### Opening time

4-8 sec (depending on beam length)

**Beam lengths** 13-23 ft (4-7 m)

### Beam types available

rigid, skirted

### Beam materials available

rigid: aluminum and wood  
skirted: aluminum

**Power supply** 230 VAC -10% to +6%; 60Hz

**Motor horsepower** 1/3 hp

**Motor speed** 1400-2800 rpm

### Ambient temperature range

-13°F to 158°F (-25°C to 70°C)

### Hydraulic locking positions

opened and closed

### Cabinet dimensions (l x w x h)

7 7/8 x 14 15/16 x 42 1/2 in. (20 x 38 x 108 cm)

**Cabinet weight (approx.)** 200 lb (91 kg)

**Electric motor** single phase, bi-directional

**Absorbed power** 220 W

**Current drawn** 1 A

### Pump delivery

2.11, 3.16, 4.22 pt/min (1, 1.5, 2 l/min)

### Motor winding thermal cutout

248°F (120°C)

**Torque** 0-331.87 ft-lb (450 Nm)

**Anti-crush system** hydraulic valves (by-pass)

**Mechanical deceleration** adjustable

### Casing anti-corrosion treatment

cataphoresis

### Cabinet finish

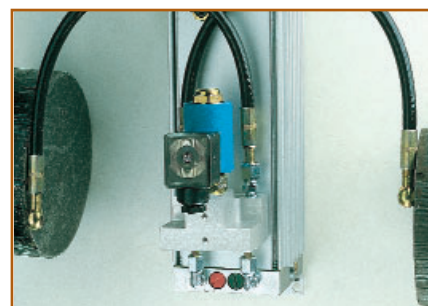
polyester paint, powder coated RAL 2004

**Housing protection** IP 55

**Cooling** automatic fan



Skirted beam kit



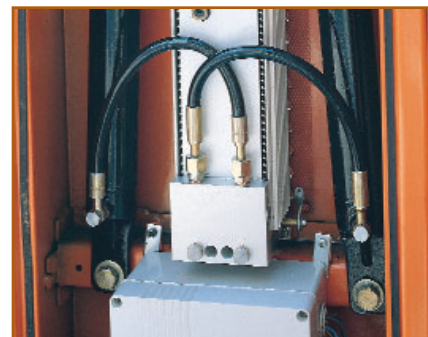
Bypass solenoid unit. Allows the beam to be opened manually in the event of a power failure.



Access control accessories



Access control accessories



Anti-vandalism valve. Protects the integrity of the hydraulic system if the beam is forced.

For more information, visit our web site at [www.faacusa.com](http://www.faacusa.com) or call 1-800-221-8278 or FAX 307-632-8148

**FAAC** USA  
An ISO 9001 Certified Company