FAAC BARRIER GATE SYSTEMS: Access Control and Convenience for Demanding Applications.

Model 640
Hydraulic Barrier Gate Operator

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

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

**Note**: Operator specifications are approximate. Environmental factors can change the performance of the operator. Your installer will advise you regarding which model of operator will work best for your site and application.

Access control accessories

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

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