

# 820

For gates up to 600 kg.



## 820 - The Intelligent Welcome

The electronic control system offers flexible operating logics as standard. This allows separate pedestrian & vehicle access openings. The control system stores the gate's stop positions, avoiding the need to add mechanical devices to the framework of the gate.

## 820 - Maximum Durability with Minimum Maintenance

Constant oil bath lubrication of the mechanical components, together with single high-strength die-cast aluminium casing, ensures a very long service life. The 820 microprocessor control system minimises wear and tear by slowing the gate before stopping it.

## 820 - Security with Economy

As the gear unit cannot be reversed, unnecessary expenditure on electric or magnetic locks is avoided. However the release device enables manual operation in the event of power failure - this feature is available with a customised key.

## FAAC - Simply the world's best welcome

World leaders for over 30 years, FAAC offer total reassurance of the highest quality gate operating systems backed with a national network of qualified installers. Each of our systems is designed to meet the on-going demands of usage with the highest level of reliability and the minimum maintenance support.

### INSTALLATION LAYOUT

- A. Gear motor FAAC 820 with built-in electronic control unit
- B. FAAC LAMP, MINILAMP
- C. Radio receiver
- D. Control devices: flush mounting T10 and T11, external T20 and T21, FAAC SWITCH, METALDIGIKEY, DIGICARD
- E. Photocells, external PHOTOBEAM/SAFEBEAM
- H. Safety edge S 30
- G. Junction box with pressure switches



### CONTROL UNITS

#### 826 MPS TECHNICAL SPECIFICATIONS

**Power supply**  
230V ~ +6%/-10% 50-60 Hz

**Programmable functions**

- eight operating logics
- pause times
- warning light operation
- pre-flashing
- pedestrian opening

**Analogic Digital Limits (ADL)**

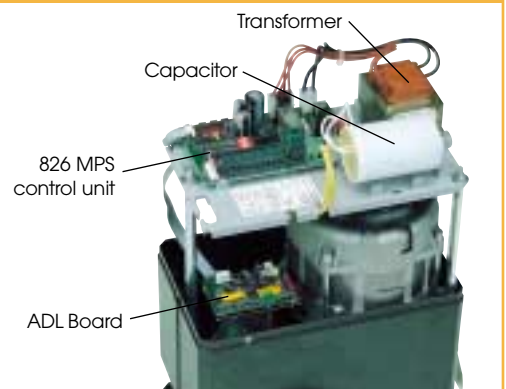
**Electronic soft stop**

**Maximum motor load**  
600W

**Electronic speed control**

**LEDs for: inputs, alarms**

**Three protection fuses**  
transformer 0.25A, motor 5A, accessories 1.6A



### TECHNICAL SPECIFICATION

	<b>Power supply</b> 230V~ +6%/-10% 50-60 Hz	<b>Duty Cycle</b> 30%
	<b>Electric motor</b> single phase, bi-directional, self cooled	<b>Clutch: disc, oil bath</b> Reduction ratio 1:30
<b>Absorbed power</b> 400W	<b>Operating temperature range</b> -20°C to +55°C	<b>Weight with oil</b> 14kg
<b>Current drawn</b> 2A	<b>Oil type</b> FAAC OIL XD220	<b>Gate Speed</b> 12 m/min (Z20)
<b>Maximum trust</b> 500N (Z20)	<b>Motor speed</b> 1400 rpm	<b>Maximum gate weight</b> 600kg
<b>Motor winding thermal cutout</b> 135°C		



**FAAC**

Simply the world's best welcome. And that's a FAAC.

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