

# Gatepost

Winter 2009

The latest news on security and gate opening systems

## Are you coming to the Security 2009 Conference?

*Here's how you can benefit from it!*

**If you haven't attended the annual ASIAL Security Conference & Exhibition you really should.**

Security 2009, being held at Sydney Convention and Exhibition Centre, next month is Australia's largest and most significant Security exhibition.

Security 2009 will be a one-stop shop for buyers, installers, integrators and resellers of all types of security products and services.

The three day event, being held August 24-26 offers access to the largest range of industry services and products located in one place.

For over 23 years the ASIAL Security Conference & Exhibition has been the place for the security industry to meet and discuss the latest in security products and services from both Australia and around the world.

FAAC will be participating in the show.

We invite you to come and see us at Stand Number E40 where you can meet with us face-to-face and ask any questions you may have about our products and systems.

We encourage you to register online prior to the show to avoid the queues; [www.securityexpo.com.au](http://www.securityexpo.com.au)

**Oscar Ianni**  
FAAC Australia



**Security 2009**  
**Sydney Convention & Exhibition Centre**  
**Darling Harbour**  
**24-26th August 2009**

## New office and showroom almost complete - look out for your invitation!



**The past several months has seen a lot of activity at FAAC with the building of our new offices and a fully automated showroom / training room.**

Our new state-of-the-art showroom / training room is something we're really excited about as it will be the main focal point of future activity.

It will be used to not only demonstrate FAAC working products, but will also be for regular customer / installer training sessions.

Training sessions planned will be on our range of

- Gate operators
- Garage door / shutter operators
- Automatic door operators
- Boom gates
- Tubular motors

With building almost complete we will soon be having a grand opening so keep an eye out for your invitation to join us for food and drinks and a special guided tour of the new facilities.



**FAAC**  
AUTOMATED ENTRY SOLUTIONS

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## Updated Control Board for the 740 24V Sliding Gate Operator

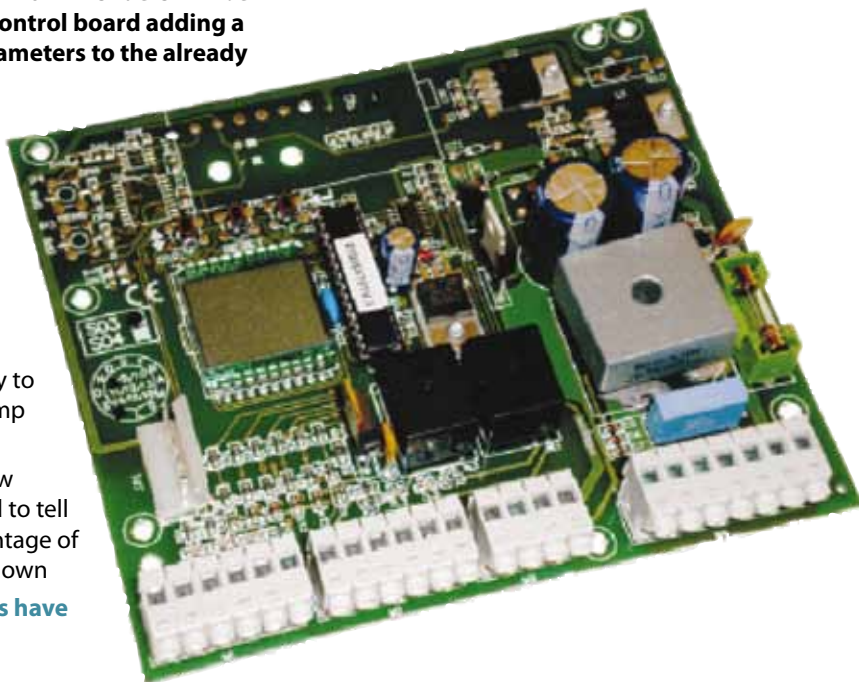
Starting immediately all 740 24V sliders will be shipped with an updated control board adding a few extra features and parameters to the already popular model.

**The added features include:**

- an LCD display to replace the current LED display for better viewing in sunlight
- self re-setting fuses replace the traditional glass fuse for the supply to accessories, flashing lamp and battery charger
- additional points of slow down have been added to tell the gate at what percentage of travel to start slowing down

**Four additional parameters have been added:**

- Pre flashing at closure
- Immediate closure (while the gate is open in automatic logic waiting for the pause time to elapse, the gate can be immediately closed by crossing the photo-beams)
- Immediate closure / timer command (while the gate is open in automatic logic waiting



for the pause time to elapse, the gate can be immediately closed by giving an open command with a transmitter or can be held open indefinitely by holding the contact)

- Soft break function (this is used to activate brief braking of the gate before gate motion is stopped)



## New website about to go live!

**While the builders have been busy constructing our bigger and better offices, showroom and training facilities, we've also been busy building a bigger and better website with a host of new features to make your life easier!**

These new features include a private area for our professional installers to log-in for viewing technical information and download detailed installation manuals for all of our products.

Our new website will be continually updated with the latest news and products so our valued customers will have quick and easy access to everything they need in just a few clicks.

The site is set to go live soon. Indeed, it may even be live by the time you read this, so check it out at [www.faac.com.au](http://www.faac.com.au)

# New product to be released soon

**F**AAC's mission has always been to produce the longest life, most reliable and safest opening systems on the market and to remain at the forefront of technological advances in this industry.

With this mission firmly in mind we're delighted to announce the soon to be released C720 24V sliding gate operator.

This unit features:

- new Cyclo gearbox (FAAC international patented)
- new integrated control board (E720)
- new design



## Cyclo Gearbox – how it works

**The gearbox is comprised of an eccentric shaft, ball bearings, two impellers and a slow speed gear.**

As the eccentric shaft rotates, it rolls the impellers around the internal circumference of the slow speed gear.

The resulting action is similar to that of a wheel rolling around the inside of a ring. Since the impellers are fixed, this imposes a movement of the slow speed gear.

### What are the advantages?

- High mechanical efficiency: >80% (+ 50% compared to the traditional gearboxes)
- Robustness and reliability: the load is distributed to many contact points
- Vibration and noise reduction: the impellers are 180° out of phase, making the gearbox perfectly symmetrical and equilibrated
- Dimension reduction: the whole gearbox is contained in the slow speed gear, which is directly connected to the gate rack; this removes the traditional motor shaft and gears.

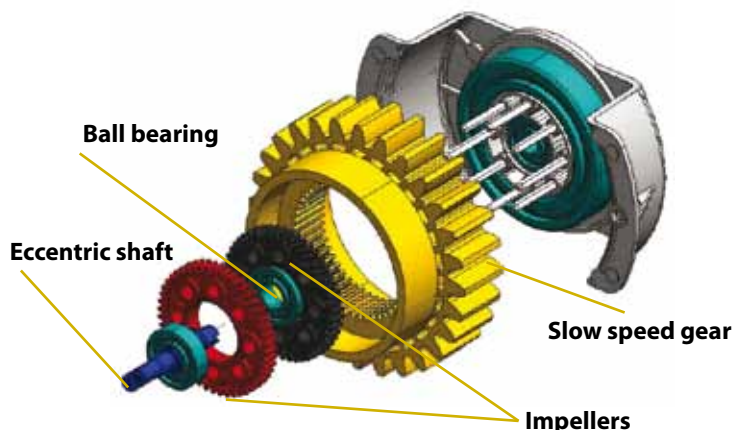
### Main features of the Cyclo gearbox

- 1/49 reduction
- Requires half of the power with respect to the other products on the market
- DELRIN 100ST (Super Tough) made pinion, very high resistant acetal resin:
  - Very high mechanical resistance (impact, stiffness, traction)
  - Auto-lubricant surface
  - High resistance to atmospheric agents (e.g. UV, humidity) and temperature changes
  - Used for more than 40 years in automotive, chemical and electrical industries

### Main features of Control board E720

- Easy to configure through the seven-segment display
- Integrated 'virtual' electronic Encoder for safety enhancement
- Both traditional and Bus photocells can be connected to the board
- 50 strength levels
- 12 selectable logics
- 10 speeds (separate speed adjustment for opening and closing)
- Optional Nickel-Metal Hydride emergency batteries (NiMH batteries maintain a usable voltage range for a greater time than SLA batteries)

**For further information and brochures please contact one of our team or email your request to [sales@faac.com.au](mailto:sales@faac.com.au)**



# FAAC

FAAC quality opens new horizons



## Tubular Motors T-Mode

For the automation of rolling shutters and awnings.

A wide range of models available with mechanical limit switch, electronic wired limit switch and electronic radio limit switch for various types of applications to satisfy all of your requirements.

The experience and reliability of FAAC automation systems are always at your service.



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