

HEADQUARTERS

ITALY

FAAC SpA
Via Calari 10 - 40069 Zola Predosa (BO)
Tel. +39 051 61724 - Fax +39 051 758518
it.info@faacgroup.com - www.faac.it

SUBSIDIARIES

AUSTRALIA

FAAC AUSTRALIA PTY LTD
Homebush – Sydney, Australia
tel. +61 2 87565644
fax +61 2 87565677
www.faac.com.au

AUSTRIA

FAAC GMBH
Salzburg, Austria
tel. +43 662 8533950
fax +43 662 85339520
www.faac.at

BENELUX

FAAC BENELUX NV/SA
Brugge, Belgium
tel. +32 50 320202
fax +32 50 320242
www.faacbenelux.com

CHINA

FAAC SHANGHAI
Shanghai, China
tel. +86 21 68182970
fax +86 21 68182968
www.faacgroup.cn

FRANCE

FAAC FRANCE
Corbas - Lyon, France
tel. +33 4 72218700
fax +33 4 72218701
www.faac.fr

FAAC FRANCE - AGENCE PARIS
Massy - Paris, France
tel. +33 1 69191620
fax +33 1 69191621
www.faac.fr

GERMANY

FAAC GMBH
Freilassing, Germany
tel. +49 8654 49810
fax +49 8654 498125
www.faac.de

INDIA

FAAC INDIA PVT. LTD
Noida – Delhi, India
tel. +91 120 3934100/4199
fax +91 120 4212132
www.faacindia.com

MIDDLE EAST

FAAC MIDDLE EAST BRANCH
Dubai Airport Free Zone - Dubai, UAE
tel. +971 42146733
fax +971 42146734
www.faac.ae

NORDIC REGIONS

FAAC NORDIC AB
Perstorp, Sweden
tel. +46 435 779500
fax +46 435 779529
www.faac.se

POLAND

FAAC POLSKA SP.ZO.O
Warszawa, Poland
tel. +48 22 8141422
fax +48 22 8142024
www.faac.pl

SPAIN

F.A.A.C. SA
Alcobendas - Madrid, Spain
tel. +34 91 6613112
fax +34 91 6610050
www.faac.es

SWITZERLAND

FAAC AG
Altdorf, Switzerland
tel. +41 41 8713440
fax +41 41 8713484
www.faac.ch

UNITED KINGDOM

FAAC UK LTD.
Basingstoke - Hampshire, UK
tel. +44 1256 318100
fax +44 1256 318101
www.faac.co.uk

U.S.A.

FAAC INTERNATIONAL INC
Jacksonville, FL - U.S.A.
tel. +1 904 4488952
fax +1 904 4488958
www.faacusa.com

FAAC INTERNATIONAL INC
Fullerton, California - U.S.A.
tel. +1 714 446 9800
fax +1 714 446 9898
www.faacusa.com

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9908475004 - Rev. 10 - 2.000 - Zucchini - 02/2011



800 kg

C721 24V Gearmotor for sliding gates

FAAC
Simply automatic.

24V

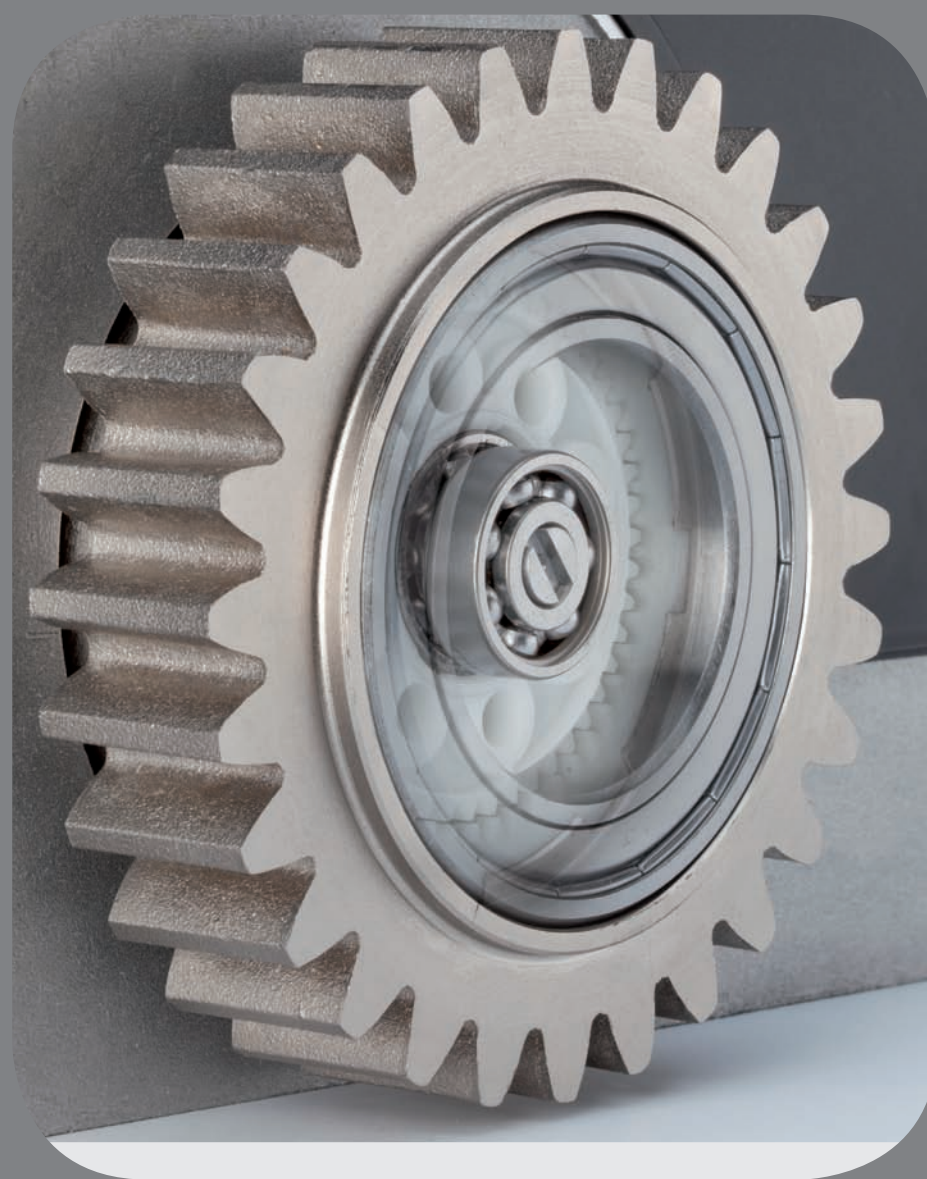
A NEW REDUCTION PRINCIPLE ENTERS THE WORLD OF AUTOMATED SYSTEMS FOR GATES

- A new reduction principle with mobile axes (FAAC patent)
- Extremely high mechanical performance >80%
- Electronic control board with anti-crushing device and electronic encoder for reverse movement in case of obstacle and a new MASTER-SLAVE function
- Magnetic limit switches
- **Commercial** use for gates weighing up to max 800 kg.
- Aluminium structure and cast-iron pinion



The advantages of mobile axes reduction

- **Extremely high mechanical performance:** >80% (+50% compared to traditional gearmotors).
- **Reduced vibrations and noise:** the two large rotors are offset by 180°, making reduction perfectly symmetric and balanced.
- **Sturdiness:** many teeth pairs are simultaneously meshed, thus distributing the load over more than one point.



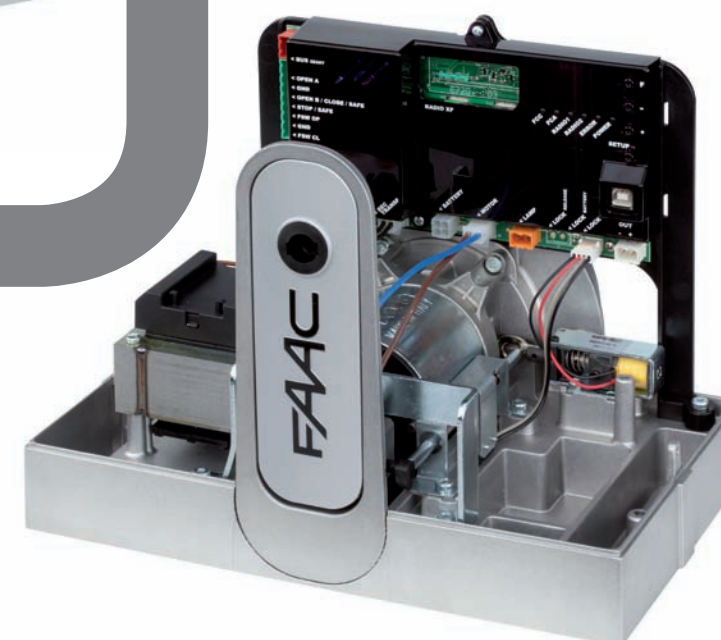
Emergency battery kit XBAT 24 with NiMH batteries



XF433 MHz Receiver
XF868 MHz Receiver
(compatible with all FAAC transmitters)



Built-in E721 control board



- Easy to program using the LCD display and keys
- High programmability level and operating parameters setting
 - work time
 - pause time
 - motor power
 - **Master Slave:**
 - allows operation of two opposing gates
- Possibility to connect both BUS and traditional photocells
- 12 function logics.

TECHNICAL SPECIFICATIONS C721

Power supply	230 Vac 50 Hz	Pinion	Z28 module 4
Motor power supply	24 Vdc	Gate speed	Max 18 m/min
Power	290 W	Operating ambient temperature	-20°C to +55°C
Absorbed current	12 A	Weight	9 kg
Electric motor	3600 rpm	Limit switches	Magnetic
Max torque	30 Nm	Protection class	IP 44
Thrust on gate	530 N	Dimensions (LxDxH)	300 x 180 x 280