746 C and 844 C

GEARMOTORS
FOR SLIDING GATES

FAAC

HISTORICAL QUALITY WITH THE TECHNOLOGY OF TOMORROW.

Reliable and durable products backed by years of experience: the 746 C and 844 C gearmotors for sliding gates continue the legacy of the historic 746 ER and 844 ER models by incorporating the latest cutting-edge electronic and mechanical improvements. Strong and technologically advanced, designed to move large heavy gates and to put all FAAC innovations in motion, with the same high quality as always.

Exceptional performance, for large gates.

COMMON STYLE

The new 746 C and 844 C gearmotors are characterised by aesthetic uniformity that standardises the dimensions and the design of the previous 746 and 844 models.

OIL BATH TECHNOLOGY: CONTINUOUSLY EVOLVING EXCELLENCE

Silent movement. The very essence of oil bath technology. Quiet and efficient, oil bath technology provides superior motion.

High performance. High technology that guarantees high performance.

Sustainable reparability. Low maintenance and easy repairs for a longer and more sustainable product life.

Intensive use. Oil lubricated for efficient heat dissipation and increased use frequency.

Extended service life. The lubricating action of the oil reduces friction between the components, ensuring a reliable automation, with a long service life and consistent performance over time.

Superior durability. High level of protection against environmental agents (dirt, water, dust).

E781: NEW BOARD, GREATER COMPATIBILITY

The E781 integrates a wide range of technologies and innovations to maximize the compatibility of the gearmotors with the FAAC product range. Programming via display and buttons, numerous configurable parameters, two independent inputs for safety edges and two programmable outputs.

safe zone · green tech · omni DEC · 2easy · FDS · SIMPLY CONNECT

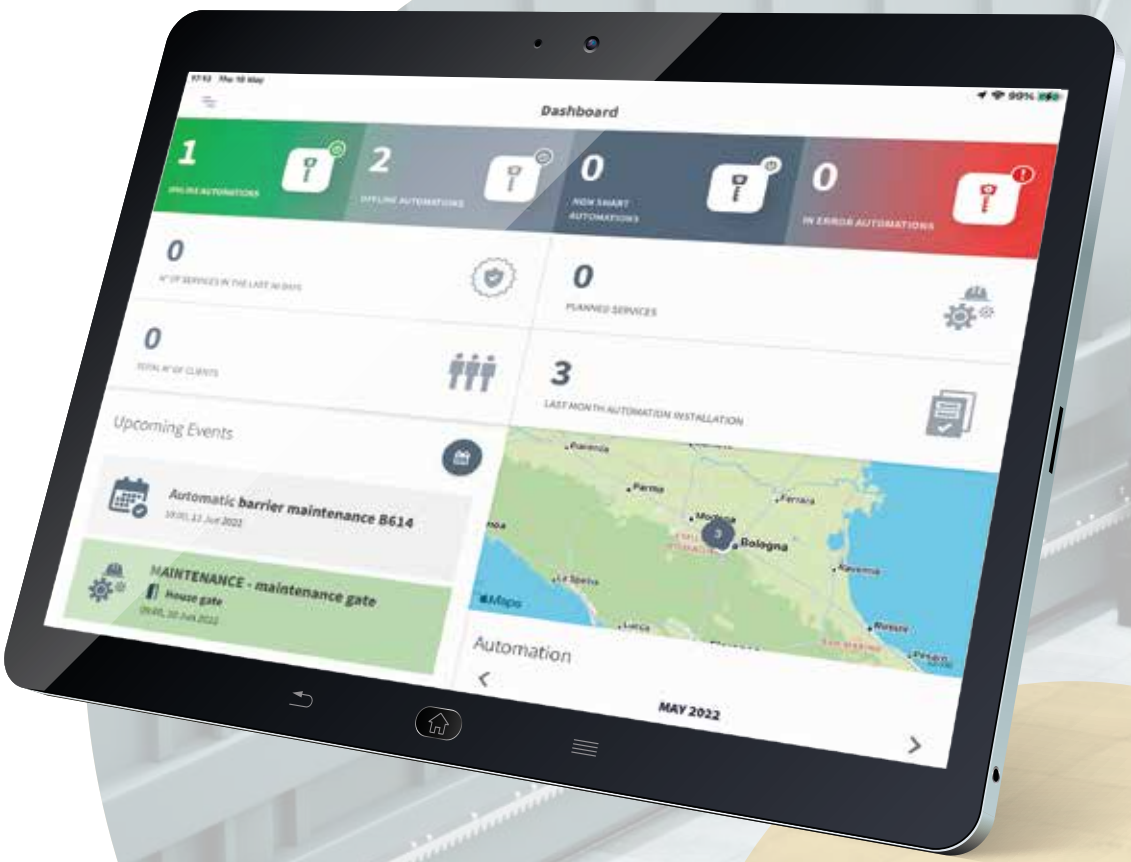
New motor control.
The automatic advantage

The E781 board features the new FAAC feedback motor control using a high resolution magnetic encoder.

- SMOOTH MOVEMENT
- HIGH USE FREQUENCY
- ADJUSTABLE SPEED
- MAXIMUM PERFORMANCE EVEN DURING SLOWDOWN
- OPTIMIZED FORCE MANAGEMENT
- LOW POWER CONSUMPTION

Watch the video

Programming and control via the Simply Connect App!



NEW CARDBOARD PACKAGING
New packaging made entirely from cardboard, for the sustainable use of a timeless product.

Technical characteristics

DIMENSIONS AND TECHNICAL SPECIFICATIONS		
Model	**746 C Z16**	**746 C Z20**
Power supply	220 – 240 V ~ @50/60 Hz	
Max power	150 W	
Pinion	Z16 Module 4	Z20 Module 4
Max. thrust force	830 N	665 N
Max leaf weight	600 kg	400 kg
Max. leaf speed	9.6 m/min	12 m/min
Max leaf width	40 m	50 m
Stopping space	30 mm	
Intended use	Industrial/Commercial/Residential	
Use frequency	High traffic	
Protection rating	IP44	
Operating temperature	-20°C to +65°C	
Start-up capacitor	12.5 µF	
Thermal protection	120°C automatic reset	
Weight	16.2 kg	16.5 kg
Oil	FAAC HP OIL	

DIMENSIONS AND TECHNICAL SPECIFICATIONS	
Model	**844 C Z16**
Power supply	220 – 240 V ~ @50/60 Hz
Max power	230 W
Pinion	Z16 Module 4
Max. thrust force	1300 N
Max leaf weight	1800 kg
Max. leaf speed	9.6 m/min
Max leaf width	40 m
Stopping space	30 mm
Intended use	Industrial/Commercial/Residential
Use frequency	High traffic
Protection rating	IP44
Operating temperature	-20°C to +65°C
Start-up capacitor	18 µF
Thermal protection	120°C automatic reset
Weight	16.9 kg
Oil	FAAC HP OIL

The data in the tables above refer to the 230 V ~ @50 Hz model.

**For the specific operating conditions from +55° to +65°, please refer to the installation manual.*

www.faac.biz

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