



# BIG 4000

**230V GEARMOTOR IN OIL BATH SLIDING GATE OPERATOR**

MAX GATE WEIGHT **4000Kg**

FREQUENCY OF USE UP TO **100% Intensive**

LOCKING **YES**



Motor and control panel housed in large lockable metal enclosure

All main components are manufactured and tested in house ensuring the highest engineering standards

Die-cast pressure injected aluminium main operator body and machined internal gears.

Mechanical torque controller in oil bath

Special heat treatment of all internal parts for max. industrial operation resistance

Electrobrake for optimisation on limit switches position

UNIGATE Inverter control unit mounted within the operator cover for ease of installation.

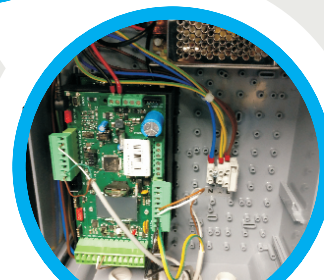
Electronic slow down in opening and closing produces an accurate stop positioning system.

Worm drive motor and gear box in an oil-bath for intensive use

Pedestrian operation available as standard.



Internal view



Unigate Inverter Panel



Electrobrake

**SEA**  
**The Engineers'**  
**Choice!**

## BIG 4000

## Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	900 W
Opening Speed	10 mtr/min
Frequency of use	100% intensive
Max Torque	180 Nm
Operating temperature	-20°C + 55°C
Operator Weight	48.0 Kg
Max. gate weight	4000 Kg
Protection class	IP55
Limit switch	Mechanical

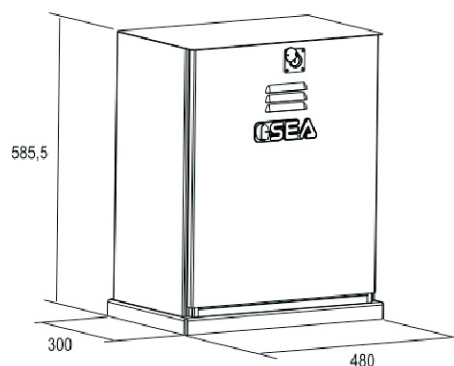
## Unigate Inverter Control Panel

Management of 1, 230Vac motors with or without limit switches  
Automatic logic (4 modes), semiautomatic and step by step logics.  
Electronic slow down in opening and closing.  
Motor run time and pause open time regulation.  
Self-learning operating time for gate with limit switches or encoder  
Self-test on photocells.  
Self-diagnostic system.  
Encoder management (Safety Gate for swing gates).  
Diagnostic dashes on all inputs.  
Extractable connectors for ease of installation.  
Integrated receiver compatible with radio transmitters SMART, HEADROLL and LADYBIRD series (800 users).

## Compatible accessories

Fully compatible with all SEA accessories.  
Compatible with most manufactures of audio and video intercom equipment.  
Digital code pads.  
Card reader systems, stand alone and computer linked.  
Time clocks and hold open switches.  
Induction loop free entry, free exit and safety.  
Photocell free entry, free exit and safety.  
Patented rubber mechanical safety edges.  
Vehicle recognition systems.  
Biometric identification systems.

## Dimensions in (mm)



## Accessories.

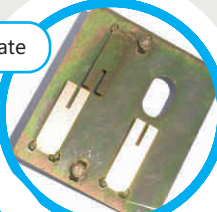
Loop detectors / Photocells / Key pads / Card readers /  
Transmitters & receivers/ Telephone entry systems / Audio  
and video intercom systems.

Vehicle recognition systems / Biometric recognition  
systems / Patented rubber mechanical safety edge / Time

## Galvanized rack 1 or 2 mtr



## Adjustable foundation plate



## Encoder for in-built safety



## Compatible with all safety devices

