



# SEAGEAR


Industrial Heavy Duty Chain Driven Slide Gate Operator  
(Single Phase)


**HEAVY DUTY APPLICATIONS**









**2200 lbs and 62 feet**



## **UNIGATE - I** *INVERTER technology*

Ramps of acceleration and deceleration adjustable 

Speed adjustable 

-  For gates up to 62 feet and 2200 lbs
-  Reduction gear are continuously immersed in oil bath allowing long last operation
-  Heavy gate and high cycles ideal for commercial or industrial applications
-  Slow down in opening and closing
-  Build in absolute encoder
-  Intensive use
-  Equipped with digital control board UNIGATE Inverter
-  User friendly manual release with locked door

SPECIFICATIONS	SEAGEAR 1 PH
Power supply	120V~ ± 5% - 50/60 Hz
Power Consumption (W)	600 W
Operating temperature range (F°)	-4°F to 131°F
Opening speed (inches/sec)	65 ft/ min (Pinion Z17)
Max duty cycles	100 % (UNIGATE)
Operator weight	110 lbs
Max gate weight	2200 lbs
Max Gate length (feet)	62 feet
Limit switch	Absolute Encoder
Chain type	40



# UNIGATE - I

## INVERTER technology



### ■ UNIGATE 2I (INVERTER)

- Digital control unit with display lcd
- Adjustable speed through ramps
- Adjustable acceleration/deceleration through ramps
- Continuous motor cycles because it does not heat up
- High strength in slowdown
- Possibility to manage obstacle reverse

#### Integrated functions on the UNIGATE INVERTER

- 2 relay contacts
- 2 programmable GPIO outputs
- LE card on board for potentiometer
- Relay card on board
- PROBE heater card on board
- Management of two FV inverters for 2 motors or 2 PM modules for 4 motors
- Timer on board with buffer battery and management of 2 time bands
- 2 Ah switching transformer of which about 1,3Ah free for other accessories



## Advantages:

- + Duty cycles
- + Torque
- + Speed (adjustable)
- + one model 90V to 265V



Manual release



Absolute Encoder



Internal view - Internal photo

#### PACKAGE SEAGEAR

**N.1 SEAGEAR with control board UNIGATE**

**N.20 Ft of chain (type 40)**

**N.1 Receiver**

**N.2 Remote controls 433 Mhz**

**N.1 Installation accessories Kit**

**N.1 Installation instructions and general notice**

**N.1 Warning signboard**

**1 pc Pallet 18x17x H32 inches - 102 Lbs**

**12 pcs for pallet**