



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 RT**
-  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 RT |
| Chain type | 40 |



UNIGATE - I

INVERTER technology



■ UNIGATE 2I (INVERTER)

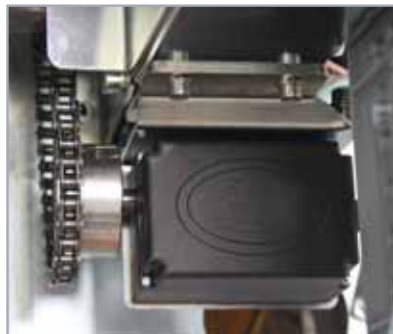
- Digital control unit with display lcd
- Adjustable speed through ramps
- Adjustable acceleration/deceleration through ramps
- Continuous motor cycles because it does not heat up
- High strength in slowdown
- Possibility to manage obstacle reverse

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



Manual release



Absolute Encoder RT

Advantages:

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

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