



# MINI TANK

Hydraulic swing gate operator for residential use or small condominiums for leaf lengths up to max **3 m**



On request versions with hydraulic slowdown for a smooth approach of the leaves in closing



- AC VERSION WITH LOCK IN OPENING AND CLOSING
- WITH HYDRAULIC SLOWDOWN FOR A SMOOTH APPROACH OF THE LEAVES IN CLOSING



Release system with SEA personalized key



POSITION GATE Absolute Linear Encoder (optional)



Round joint for stroke adjustment

- ▶ Oil lubrication of all mechanical components
- ▶ Internal mechanical-electronic stop for best operation in limit switch position (optional)
- ▶ Operator with external, hydraulic locks for easy replacement
- ▶ Version (AC) with lock in opening and closing, (SC) only in closing, (SB) without lock with 270 mm stroke
- ▶ 16 mm rod diameter
- ▶ On request models "PG" with Position Gate mounted

SPECIFICATIONS	MINI TANK
Power supply	230Vac±5% - 50/60Hz
Motor Power	180 W
Shaft Stroke	270 mm
Max Cycles/Hour	40
Working temperature	-40°C /+ 60°C
Weight	10 kg
Max leaf length	3,0 m
Opening degrees	90°- 110°
Shaft speed	1,5 cm/sec (1L pump)
Protection class	IP55
Starting capacitor	6,3µF
Max thrust	250 daN

# UNIGATE - I

## INVERTER technology

### UNIGATE 2I (INVERTER)

- Digital control unit with LCD display
- Adjustable speed
- Adjustable acceleration/deceleration
- Continuous motor cycles
- 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 1.3 Ah free for other accessories

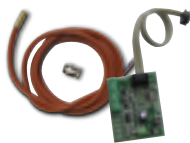
## Advantages:

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

### ACCESSORIES



Adjustable back bracket to screw  
2 pcs



PROBE  
Kit Probe to manage low temperature + card LE + cable 6 Ft



External release with box, lock and 2,5 m SS cable and joint



Green oil  
(1 quarter of bottle)



Positive stops



HTLOCKP Metal release PLUS with DIN lock for max. safety and joint



POSITION GATE \*  
KIT Absolute linear encoder with extrusion



Aluminium oscillating back fixing fork



Cylinder with Din Key 10 encryptions  
(1 pc)



Bracket for outwards opening L 400 mm (2 pcs)

