

**SEA**<sup>®</sup>  
electronic opening system

## Full Tank

Hydraulic swing gate operator  
for condominium use  
(leaf length max 7 m)



- Hydraulic operator for swing gates satisfying the requirements of very exigent customers regarding quality and long time lasting
- Hydraulic silence and reliability
- The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting
- Anti –crushing security through force adjusting by-pass valves
- Model 100 with 270mm run and model 200 with 390mm run for applications on pillars with long leaves
- Available versions with hydraulic slow down in both opening and closing
- Versions with lock in both directions (AC), only in closing (SC) only in opening (SA) and without lock (SB)

# Full Tank

## TECHNICAL SPECIFICATIONS

Specifications	Full Tank 100	Full Tank 200
Power supply	230 Vac±5% 50/60 Hz	
Motor power	220 W	
Shaft Stroke	270 mm	390 mm
Cycles/hour	70	
Oper. temperature	from -20 °C to + 55 °C	
Weight	12,8 kg	15,2 kg
Max leaf length	6,0 m	7,0 m
Opening degrees	90 ° - 120 °	
Shaft speed	1 cm/s (pump 1 l)	1,5 cm/s (pump 1,5 l)
Protection class	IP 55	
Starting capacitor	12,5 µF	
Max thrust	640 daN	



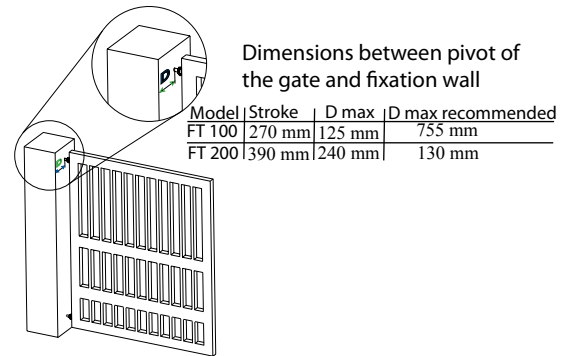
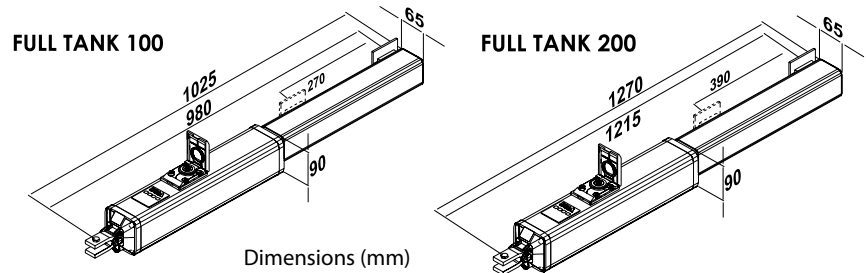
Round joint for stroke adjustment



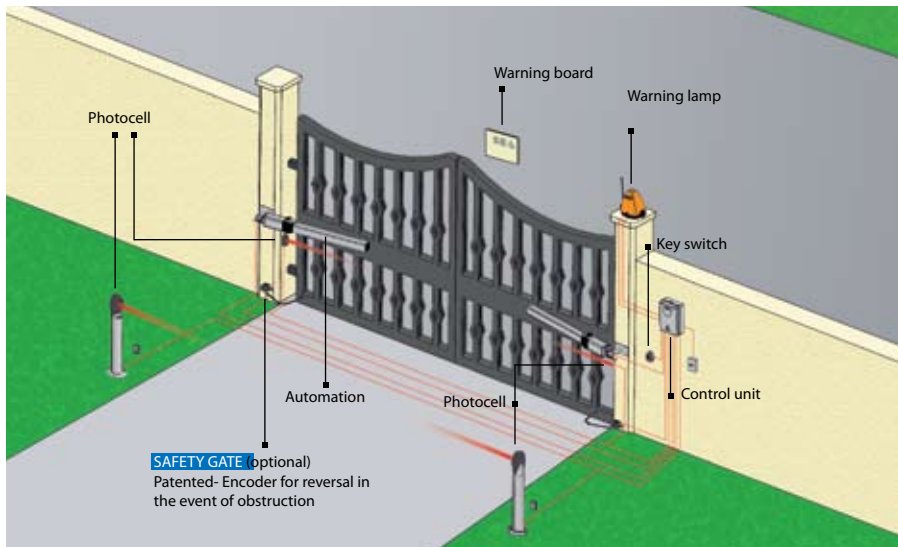
Release with lock in case of electric power failure

### Gate 2

- Administration of two motors with or without limit switch
- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor torque adjustment
- Self-learning operating times
- Auto-test on photocells
- Auto-diagnostic
- Encoder management (also SafetyGate for swing gates)
- Pedestrian opening
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transm. SMART, HEAD, COCCINELLA and SMART E-COPY (800 users) series with optional RF radio frequ. module (RF)
- Courtesy lamp and control lamp management
- 230 V on board warning lamp with pre-flashing
- Leaf delay adjustment during self-learning
- Programming through PALM
- Push over, soft start and reverse stroke
- Connector for photocells WALL and SUNSET
- Timer and security administration
- Photocells in opening and closing



### Standard installation



AC      SB      SC      SA  
double lock    without lock    lock only    lock only  
in closing    in opening



\*lock available

NOTE: In case of installations in very windy places or with closed panelled gates SEA recommends to choose operators without lock (SB).

