

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

## Mark Tank

Hydraulic swing operator for residential/condominium use.  
(leaf: length max 4 m)



- Hydraulic operator for swing gates satisfying the requirements of very exigent customers regarding quality and long time lasting
- Hydraulic silence and reliability
- SEA TOTAL QUALITY: All main parts are manufactured and tested in-house.
- The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting.
- SEA TOTAL QUALITY: All main parts are manufactured and tested in-house. The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting.
- Disponibile nelle versioni con blocco bidirezionale (AC), in chiusura (SC) o senza blocco (SA), con corsa max di 270 mm.
- Available in the versions with lock in both directions (AC) only in closing (SC) and without lock (SB) with max 270mm run.
- Release system with special key. On requested internal mechanical stop adjustable in opening and closing

# Mark Tank

## TECHNICAL SPECIFICATIONS

Specifications	Mark Tank
Power supply	230 Vac±5% 50/60 Hz
Motor power	220 W
Shaft Stroke	270 mm
Cycles/hour	50
Oper. temperature	from -20 °C to + 55 °C
Weight	11 Kg
Max leaf length	4 m
Opening degrees	90° - 120°
Shaft speed	1,2 cm/s (pump 1l)
Protection class	IP 55
Starting capacitor	12,5 µF
Max thrust	640 daN



Round joint for stroke adjustment



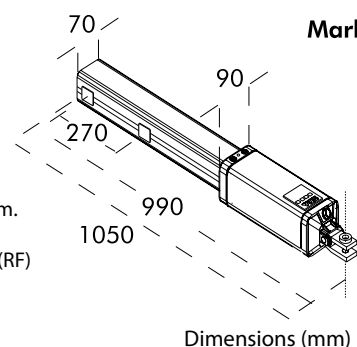
Anti-crashing security through force adjusting by-pass valves

### Swing 2

- Management of two 230 Vac motors without limit switch
- Automatic, semiautomatic, semiautomatic of security
- Adjustable slow down in opening and closing
- Motor couple adjustment
- Self-learning working times
- Auto-test on photocell
- Auto-diagnostic
- Electric lock management
- Encoder administration (also Safety GATE for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitters SMART, HEAD ROLL, COCCINELLA and SMART ECOPY (800 users) series with optional RF radio frequency module (RF)
- Encoder sensibility adjustment (Safety GATE)
- Pedestrian opening
- Max. transformer output capacity 200mA
- Photocells administration in opening and closing
- Stop administration
- Pre- flashing
- Inversion stroke
- Programming trough PALM.

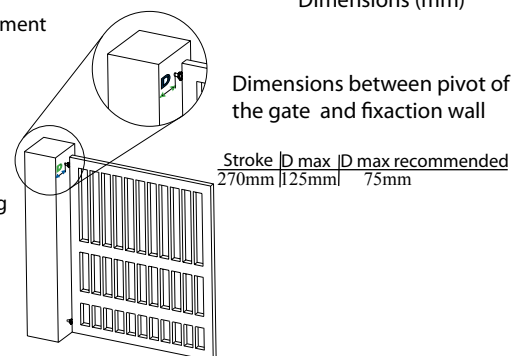
### Gate 2

- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor couple adjustment
- Self-learning operating times
- Auto-test on photocells
- Integrated radio decoding compatible with radio transm. SMART, HEAD ROLL, COCCINELLA and SMART E-COPY (800 users) series with optional RF radio frequ. module (RF)
- Auto-diagnostic
- Gestione encoder (anche SafetyGate per battenti)
- Pedestrian opening
- Courtesy lamp and control lamp management
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Pre- flashing
- Soft start
- 230 V on board warning lamp
- Leaf delay adjustment during self-learning
- Programming through PALM



Mark Tank

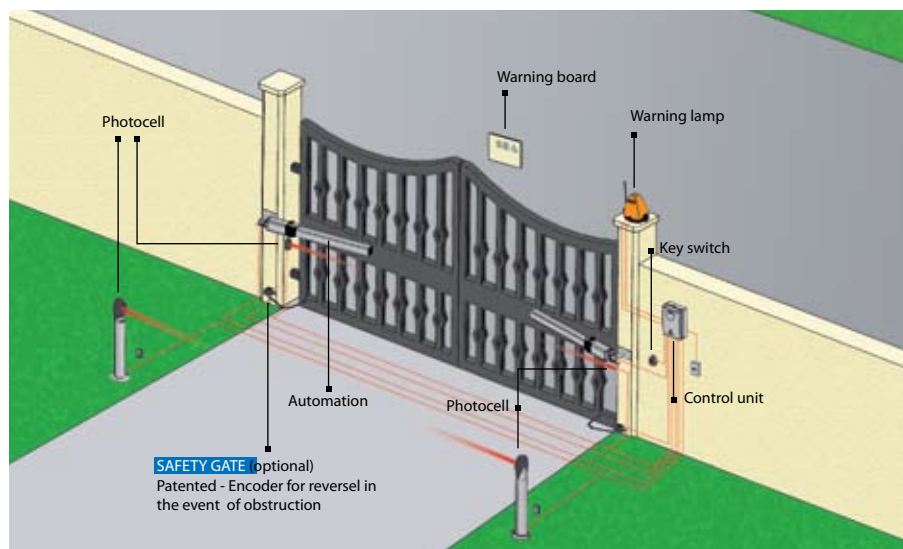
Dimensions (mm)



Dimensions between pivot of the gate and fixation wall

Stroke D max D max recommended  
270mm | 25mm 75mm

### Standard installation



**SAFETY GATE** (optional)  
Patented - Encoder for reversal in the event of obstruction

AC	SB	SC	SA
double lock	without lock	lock only en closure	lock only en 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).



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