

SEA[®]
electronic opening system

New Half 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
- The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting
- Hydraulic silence and reliability
- Anti-crushing security through force adjusting by-pass valves
- Available with hydraulic slow down in both opening and closing
- Model 100 with 270 mm run and model 200 with 390 mm run for applications on pillars with long leaves
- Metal release on option
- On request adjustable internal mechanical stop in opening and closing available

New Half Tank

TECHNICAL SPECIFICATIONS

Specifications	New Half Tank 100	New Half Tank 200
Power supply	230 Vac±5% 50/60 Hz	
Motor power	220 W	
Shaft Stroke	270 mm	390 mm
Cycles/hour	55	70
Oper. temperature	from -20 °C to + 55 °C	
Weight	11,4 kg	13,6 kg
Max leaf length	6 m	7 m
Opening degrees	90 ° - 125 °	
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	



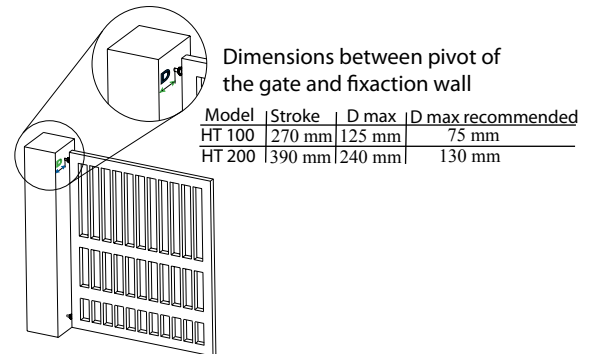
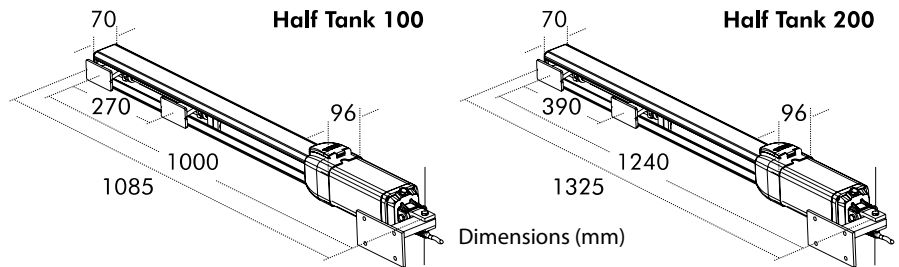
New distributor for best performance and max versatility



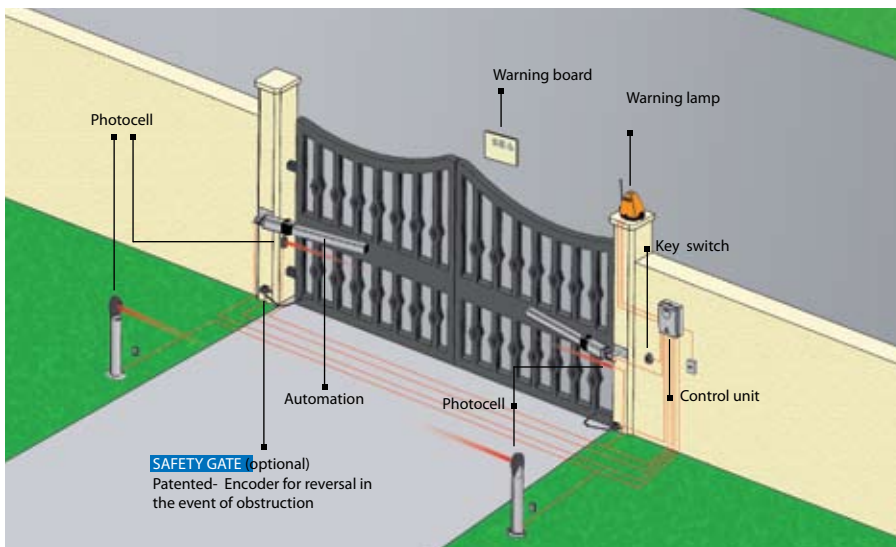
New metal release system PLUS accessible through lock for max security

Gate 2

- Management of two 230V 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
- Administration encoder (also SafetyGate for swing gates)
- Pedestrian opening
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitter SMART,HEAD, COCCINELLA and SMART E-COPY (800 users) series with optional RF radio frequency module (RF)
- Soft start, push over, reverse stroke
- Courtesy lamp and control lamp management
- 230 V on board warning lamp with pre-flashing
- Programming through PALM
- Connector for photocells WALL and SUNSET
- Administration photocells in opening and closing
- Timer and security edge management
- Leaf decay adjustment in opening and closing during self-learning phase



Standard installation



AC	SB	SC	SA
double lock	without lock	lock only in closing	lock only 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).



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