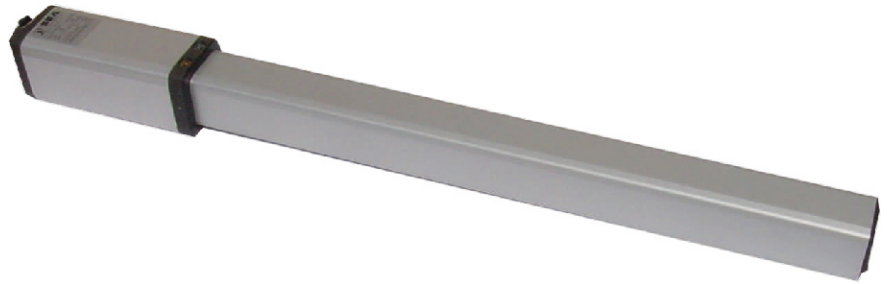


MINI TANK

HYDRAULIC SWING GATE OPERATOR
FOR DOMESTIC GATES

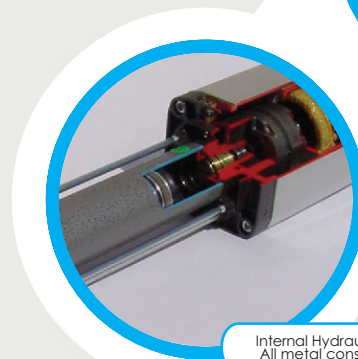


The strength and reliability of a hydraulic system!

- Hydraulic swing operator for residential use. Maximum leaf length for locking operator 1800 mm.
- Duty cycle of 40 operations per hour can cope with even the busiest of households.
- **SEA TOTAL QUALITY:** All main components are manufactured and tested in-house ensuring the highest engineering standards.
- The electric motor and all operational components sit in an oil filled bath ensuring continuous lubrication and rapid cooling for all moving parts.
- Extremely quiet, extremely safe.
- Adjustable electronic slow down at end of travel for a smooth, elegant and quiet system of automation as standard.
- Manual release with customised key for use in the event of power failure.
- Adjustable safety valves in both directions of travel to protect pedestrians vehicles and even the automation equipment from excessive forces.

Smooth, reliable, safe silent and secure!

- Internal non return hydraulic lock valves provide a high strength locking system for gate leaves up to 1.8 Mtrs in length.
- Brass and stainless steel internal valves and connectors making the Mini Tank operator one of the strongest domestic operators available.
- The hydraulic system means that the Mini Tank can operate large domestic gates with out difficulty for many years to come.
- Reliable and secure manual release system.
- Thermal overload built into the motor to provide the highest level of protection possible.
- 16 mm diameter solid metal piston rod with 270 mm stroke for ease of installation.
- Supplied with necessary fitting accessories.



**When quality matters make sure it's SEA
the engineers' choice!**

SEA (UK) Limited.
Unit 6A Olton Wharf, Solihull,
West Midlands, B92 7RN
Birmingham Tel: 0121 706 9629
Birmingham Fax: 0121 764 5603
London Tel: 020 8360 8022
London Fax: 020 8364 2516

sales@seauktd.com
www.seauktd.com
www.seateam.com

MINI TANK

Specifications

Mini Tank

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	180 W
Shaft Stroke	270 mm
Cycles Hour	40
Operating temperature	-20°C + 55°C
Operator Weight	10 Kg
Max leaf length	1800 mm operator locking
Opening Degrees	90° - 120°
Shaft Speed	1.5 cm/sec (1.0ltr pump)
Protection class	IP55
Starting Capacitor	8 uF
Max Pushing Force	640 daN

CONTROL BOARDS Specifications

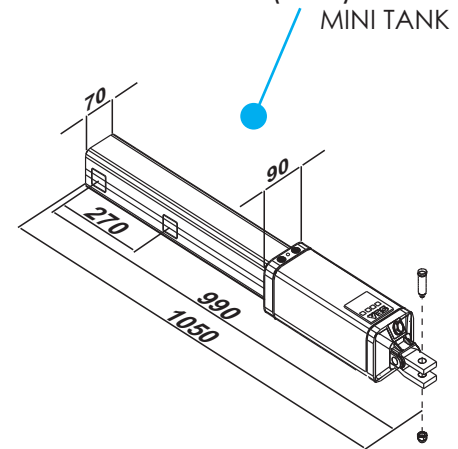
Gate 1 (for 1 leaf)

- Management of a 230 Vac motor with or without limit switch
- Automatic logic (4 modes), semiautomatic and step by step logics.
- Electronic slow down in opening and closing.
- Motor run time and pause open time regulation.
- Self-learning operating time for gate with limit switches
- Self-test on photocells.
- Self-diagnostic system.
- Encoder management (Safety Gate for swing gates).
- Diagnostic Leds on all outputs/inputs.
- Extractable connectors for ease of installation.
- Integrated receiver compatible with radio transmitters SMART, HEADROLL and HEAD ECOPY series (800 users).
- Fully compatible with all SEA accessories.
- Compatible with most manufacturers of audio and video intercom equipment.
- Digital code pads.
- Card reader systems, stand alone and computer linked.
- Time clocks and hold open switches.
- Induction loop free entry, free exit and safety.
- Photocell free entry, free exit and safety.
- Patented rubber mechanical safety edges.
- Vehicle recognition systems.
- Biometric identification systems.

Gate 2 (for 2 leaves)

- Management of two 230 Vac motors with or without limit switch.
- Four logic systems available semi-automatic, safety, step by step and standard automatic.
- Electronic slow down in opening and closing.
- Motor run time and pause open time regulation.
- Fully programmable leaf delay system in opening and closing.
- Self-test on photocells.
- Self-diagnostic system.
- Encoder management (Safety Gate for swing gates).
- Electric lock management.
- Diagnostic Leds on all outputs/inputs.
- Extractable connectors for ease of installation.
- Integrated receiver compatible with radio transmitters SMART, HEAD ROLL and HEAD ECOPY series (800 users).
- Optional control devices:-
 - Three different safety inputs as standard.
 - Pedestrian gate input.
 - Diagnostic functions.
- Fully compatible with all SEA accessories.
- Compatible with most manufacturers of audio and video intercom equipment.
- Digital code pads.
- Card reader systems, stand alone and computer linked.
- Time clocks and hold open switches.
- Induction loop free entry, free exit and safety.
- Photocell free entry, free exit and safety.
- Patented rubber mechanical safety edges.
- Vehicle recognition systems.
- Biometric identification systems.
- Electronic torque sensors for electromechanical operators
- Compatible with most manufacturers automation equipment both hydraulic and electro-mechanical.
- Optional display system.
 - Alphanumeric LCD display 2 lines of 16 letters.
 - Modify all program times.
 - 10 event safety system fault recording.
 - Customisation of logic functions.
 - Full Diagnostic functions.

Dimensions in (mm)



Accessories:

Loop detectors / Photocells / Key pads / Card readers / Transmitters & receivers/ Telephone entry systems / Audio and video intercom systems wireless and cabled. Vehicle recognition systems / Biometric recognition systems / Patented rubber mechanical safety edge / Time clocks / Hold open switches.

Gate 2 Control Panel



Battery Photocells



Optional physical Stops



SEA SAFETY GATE:-

Patented reversing system for swing gates with a self learning movement sensor for additional safety.

En12453 & EN 12445 tested.

Stroke	D Max	D Max Recommended
270 mm	125 mm	75 mm

