

SOMMER
Home Automation

swing gate operators and
sliding gate operators





Convenience

Can you remember television without remote control? In the meantime unimaginable. But you still get out of your car, open your gate manually, drive another 5 m and walk back to shut your gate again? Or you always just leave your gate open, for convenience sake – which gives everybody simple access to your property.

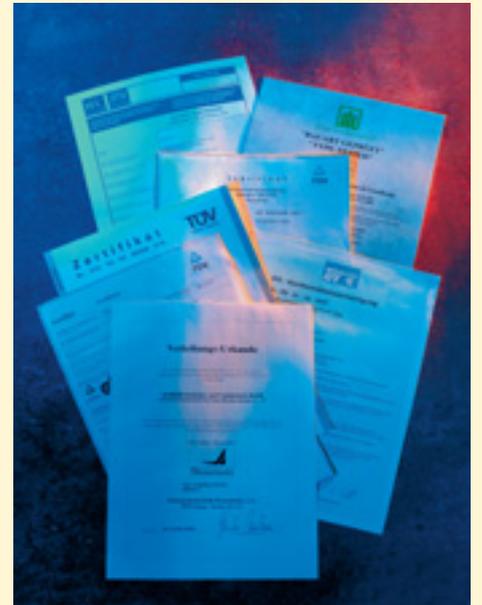
With modern swing and sliding gate operators, this is a thing of the past. These units are already affordable and can be quickly installed. At the push of a button your gate opens or closes completely automatically. Treat yourself to this daily convenience.

TÜV

SOMMER gate operators are very reliable quality products with mature technology. This is also confirmed by TÜV with various certificates. You can rely on SOMMER technology.

SOMMER itself is certified under ISO 9001. The entire company is continuously monitored and inspected by independent test institutes.

A calmative feeling!



Guarantee

Quality provides confidence.

We issue a two-year guarantee on our swing and sliding gate operators, including accessories. SOMMER stands for quality without compromises.



Radio control system

Secure transmission

The very secure SOMMER radio control system transmits the modulated frequency on 868.8 MHz. Other radio applications, such as baby phones, wireless speakers, wireless gongs etc. cannot use this frequency. Thus range problems and interferences are practically excluded.

Burglar-proof

The 66-bit process of the SOMMER radio control system enables over 73 trillion different codes, and the Somloq Rolling Code system is effective against code tapping. Troublemakers and burglars have no chance anymore.

A radio system for everything

With your SOMMER transmitter for the gate operator you can also control many other devices in or around the house.



Safety

The gate operators developed and manufactured in Germany by SOMMER conform to the latest international norms. This has been confirmed by independent test institutes to SOMMER and gives you and your family the assurance that you own a safe operator.



Technology

Developing the operators SOMMER attached importance to reliable and long-living products and looked out for operators which are very easy to install. The SOMMER swing gate operator twist 200 for example, can be installed all-purpose on the right or on the left gate wing.





complete set twist 200, two-wing



complete set jive 200, two-wing



complete set power 500, two-wing

twist 200 swing gate operator

Our top-of-the-line product in the range of swing gate operators offers you the highest level of operators technology:

- extremely quiet, sliding movement
- regulated soft run
- high reliability and a long service life

The service friendly control board enables a variety of application possibilities e. g.:

- pedestrian gate function
- automatic closing of the gate
- adjustable warning time for a warning light

Maximum safety is ensured by the TÜV-tested electronic safety shut-down



emergency release
- lockable, easy to handle
e. g. during a power failure



mechanical end switches
- easy to adjust
- a stop in the door open / close direction is not required

jive 200 underground swing gate operator

For swing gates where the operator shouldn't be visible, you can use the jive 200. Suitable for gate wings up to a weight of 200 kg and 1,8 m wing width. The jive 200 is available as a complete set in stainless steel and in coated steel for one- or two-wing gate systems.

power 500 swing gate operator

The power 500 will be used for particularly large and heavy swing gates. It is suitable for gate wings with a weight of up to 300 kg, and a width of up to 5 m. The power 500 is available as a complete set for one- or two-wing gate systems.



gator 400 sliding gate operator

Our top-quality product of the sliding gate operators is the "gator 400". This reliable, energy-saving operator is available in a complete set. That means the extensive configuration of a basic equipment is not necessary anymore. The gator is qualified for doors up to 400 kg weight and 6m length.

The controlled 'Soft Run' and the plastic coated rack add up to a very quiet operator.

Thanks to our electronically supervised force switch-off system no safety edge on the leading edge of the gate is necessary (presumed that force values comply with EN 12453). This is safe and inexpensive.



complete set gator 400

starglider 300 E sliding gate operator

Like the gator the starglider 300 E fulfils and exceeds the latest EU-norms and is available as a complete set.

The starglider 300 E is qualified for the private use of doors up to 300 kg weight and 6m length.

SM 40 T sliding gate operator

This powerful sliding gate operator is applicable for a door weight up to 600 kg. The complete set enables a simple and fast installation.

The gate locks securely due to the self-inhibiting worm gear. In the case of a power failure the operator can be released with a lockable emergency release. In the end positions the gate will be switched off and locked contactless via electronic end switches.



complete set SM 40 T

DS 600/1200 sliding gate operator

These extra powerful sliding gate operators open gates up to 1,200 kg – particularly in the commercial segment. Like all of our operators, it is very reliable, robust and easy and fast to install.



DS 600 / 1200





transmitter, 4-channel

item no. 4020V000

Chic and functional: the practical designer transmitter in a modern stainless steel version. The control buttons can be inserted completely. Unintentional usage is impossible. Four channels as standard version enable additional applications like e. g. illumination or several operators.



car and wall holder

item no. 4640V000

Car and wall holder for your designer transmitter. Supplied with special adhesive strips, which can be removed without a trace. For the car, inside next to the front door, next to the terrace door, in the cellar, etc. The transmitter can easily be inserted and removed.



Telecody

grey buttons item no. 4070V000

red buttons item no. 4070V002

**NEW from the 2nd quarter
2006**

Just your personal code opens your door. The Telecody is simple to program and very burglar-proof. You do not need any key. This is convenient and it also means that there is no key that can be lost. A further advantage is the self-luminous buttons at night.



industrial transmitter

item no. 4011V000, 5-channel

5-channel transmitter as a major type. Suitable for commercial use or if a larger design is desired.



key switch

item no. 5003-5010V000

For the activation of the operator by key. Different versions are available for flush or surface-mounting alternatively with or without profile cylinder.

electrical lock 24 V

item no. 3205V001

Electrical lock with counter locking plate and ground locking plate to lock the swing gate on the side or on the ground. Without profile cylinder: a cylinder suitable for your existing locking system can usually be implemented.



safety edge, optical

item no. 3680

Safety contact strip suitable for additional protection of swing gates, vertical gates, garage doors, roller shelves, machine hoods, roller shutters, etc.



transmitter and receiver unit

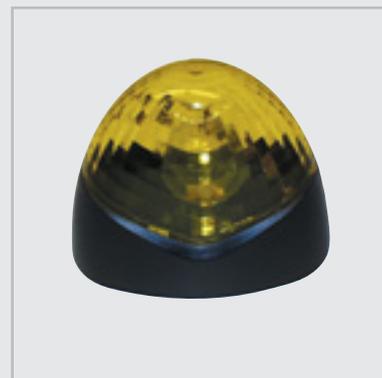
IP 67

item no. 5096

warning light 24 V

item no. 5069

Warning light for the additional visual protection of the gate asset. Holder E 14, 25 W. The delivery is effected with a light bulb.



connecting cable set

item no. 3204V000

The connecting cable set includes all the necessary installation materials (7 m cable, IP 54 branch box, screw connections) to connect the second operator to the control unit for a two wing swing gate asset.



one-way light barrier

item no. 5226

One-way light barrier (IP 44) for additional protection of the gate asset. Range approx. 10 m; 24 V AC/DC; including installation bracket.



SOMMER

Home Automation

www.sommer-torantriebe.de

further product range:



radio control system



garage door operators



roller and awning drives



aluminium doors:
www.groke.de

Overview of technical dates

swing gate operators	twist 200	jive 200	power 500
weight per wing	up to max. 200 kg		up to max. 300 kg
width per wing	up to max. 2.500 mm	up to max. 1.800 mm	up to max. 5.000 mm
operator principle	electromechanical swing gate operator		electromechanical trapezoidal thread spindle with self-locking powerful worm gear; stainless-steel trapezoidal spindle for heavy loads
drive shaft	made of polished stainless-steel	-	made of stainless-steel, non-corrosive, high buckling resistance and high durability
outer shaft	anodised aluminium	-	aluminium processed surface by 2-component-varnish
motor	extremely reliable, high-performance DC motor with multiple down-gearing and extra-reinforced gear steps		rugged high-performance gear motor
power supply	AC 230 V, 50/60 Hz (motor voltage: DC 24 V)		AC 230 V, 50 Hz
opening time of the gate	approx. 13 and 26 seconds - depending on the attachment point (installation dimensions A + B) opening angle max. 129°	1-wing approx. 10-25 seconds; 2-wing approx. 10-30 seconds/ opening angle max. 115°	approx. 16 and 34 seconds - depending on the attachment point (installation dimensions A + B) opening angle max. 131°
protection against accidents	by means of automatic supply cut-off		by speed sensor (fork light barrier), force continuously adjustable
travel limitation	using a mechanical limit switch, no gate stop is required in gate OPEN mode		in gate OPEN and gate CLOSE mode by a robust gate stop
emergency release	at the gear; secured with a lock; easy-to-operate		with eccentric bolts
LED-monitored operation	mains / open / close / safety, warning light		yes
'Soft' start / 'Soft' stop facility	controlled 'Soft Run' in ramp form		no
connection options	light barrier, safety contact strip, warning light, other electrical equipment, floating relay output, TorMinal		emergency stop, light barrier, safety contact strip, warning light
automatic close mode	factory set up from 5-60 seconds can be set up with the TorMinal from 5 - 255 seconds can be set using the DIP-switch		adjustable from 2 - 196 seconds
pedestrian gate function / close succession	yes / self-learning		yes / self-learning
supplemental plug-in cards	no		connection traffic light red / green, electronic control unit safety edges 8,2 kOhm
operating mode	S3 - 15 %		S3 - 40 %

sliding gate operators	gator 400	SM 40 T
gate weight / maximum runway	up to max. 400 kg / 6.000 mm	up to max. 600 kg / 12.000 mm
operator principle	electromechanical sliding gate operator with high-power worm gear	oil-bath geared motor in compact, aluminium pressure diecast housing
self-locking capability	high-power worm gear	available via worm gear
power supply	AC 220 ...240 V, 50 / 60 Hz	AC 230 V, 50/60 Hz, 800 W
opening speed	max. 20 cm/s	max. 17 cm/s
accident prevention	automatic power disconnection	by means of smooth-adjusting safety clutch
'Soft' start / 'Soft' stop facility	controlled 'Soft Run' in ramp form	
connection options	1 x warning light, light barrier, safety contact strips (evaluation for electrical (8,2kOhm) or optical safety strips integrated), potential-neutral relay contact, TorMinal	warning light (AC 230 V), light barrier, safety contact strips (electrical (8,2 kOhm) or optical only in connection with evaluation electronics, external consumer units (24 V), key switch
automatic close mode	programmable from 1 till 120 seconds	programmable from 2 till 300 seconds
partial opening	adjustable	yes
operating type	S3 - 40 %	S3 - 60 %

your stockist