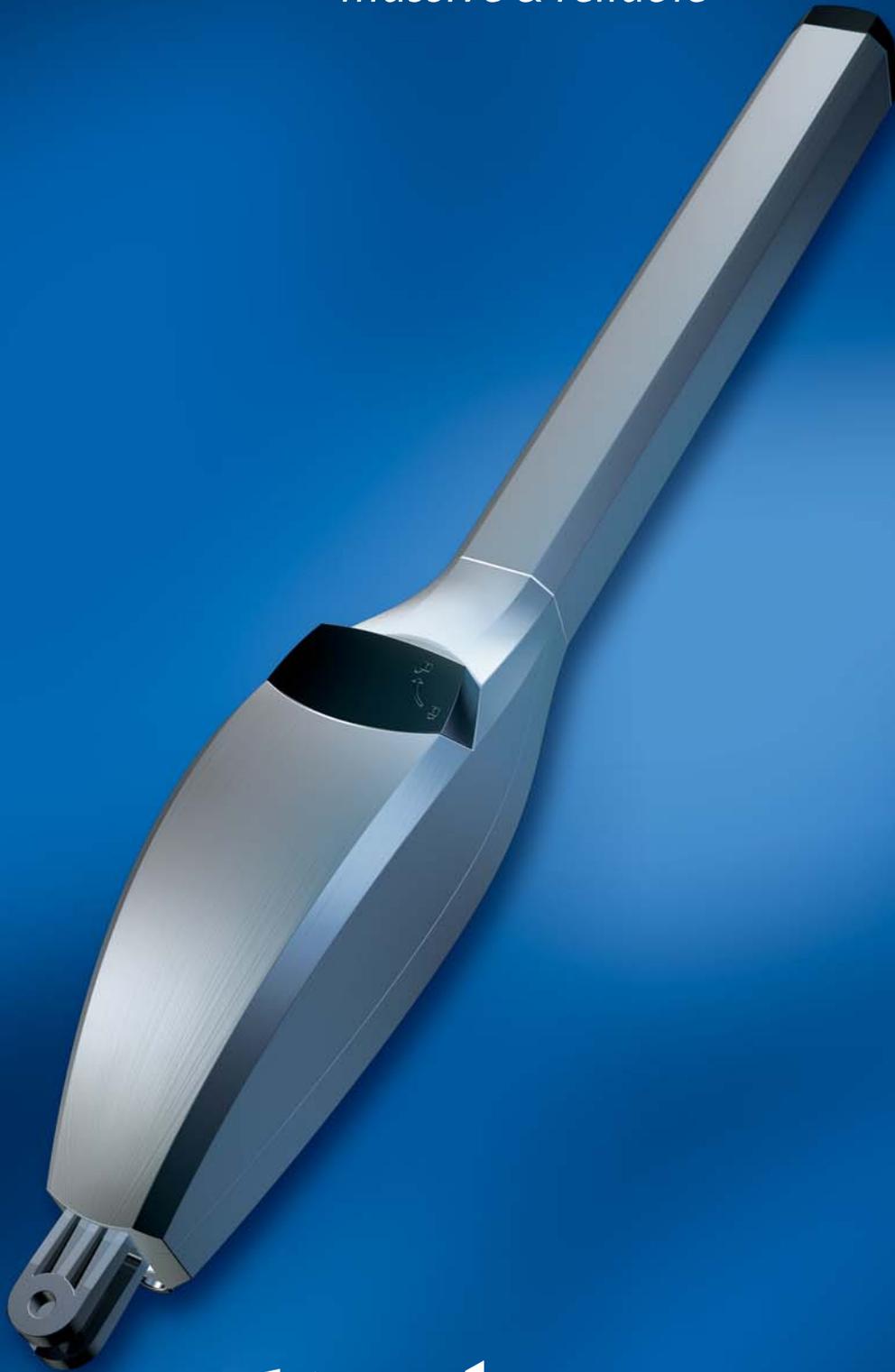


tousek *Swing X*

Automatic
Swing Gate Operator
massive & reliable



Sliding gate operators



Cantilever sl. gate sys.



Swing gate operators



Garage door operators



Barrier operators



El. gate control



Impulse emitters



Safety devices



Miscellaneous



tousek[®]
G A T E A U T O M A T I O N

MADE IN AUSTRIA

tousek SWING X



Electromechanic operator for all kinds of swing gates

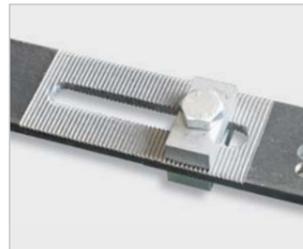
- elegant design ■ adjustable softstop ■ powerful 230V motor
- traffic lights operation is possible with additional control board
- automatic reversing system ARS ■ internal mechanical limit stop



also suitable for subsequent installation



Lockable emergency release
The operator closes the gate reliably. The emergency release which is important in case of power failure is lockable with a standard profile half cylinder. It can therefore be replaced and integrated into an already existing house key system. The cylinder and 3 keys are included as standard equipment.



Integrated limit stop
in order to avoid a limit stop on the floor - which can be dangerous and annoying - the operator has a built-in mechanical limit stop.



Operator spindle
an extremely massive spindle together with a spindle socket made of bronze ensures a long lasting and reliable operation. Of course the spindle is supported on both sides. This prevents unwanted vibrations.



Soft stop
in combination with the control unit ST60 the operator stops in both directions with reduced speed. This enables a harmonic gate movement and prevents damage on the operator mechanical parts and gate.



Secure with ARS system
a torque sensor enables the use of the automatic reverse system (ARS). When touching an obstacle the operator stops and reverses automatically. This guarantees a high degree of safety.

Programmable control unit
the programming of a gate control unit has never been so easy and safe. By using four pushbuttons, a large illuminated 2 lined LC display and a cleartext menu all functions can be programmed easily and timesaving. All functions such as impulse or automatic mode, partial opening for pedestrian entry, softstop and others can be adjusted in accordance with the gate.



Operator control unit
the technical innovative microprocessor control unit ST61 was especially developed for the electromechanic swing gate operator Swing X. This modern control unit of the newest generation manages all the necessary functions and has several connection possibilities e.g. for radio systems, key code pads, push buttons for intercom systems and of course also for all the current gate security systems.

For the development of the SWING X
electromechanic operator the main objective was set upon reliability and long durability. For this reason all parts are made of premium materials such as aluminium, Edelstahl or galvanised steel.

Also the whole gearing which is placed in a diecast aluminium housing as well as the drive unit are entirely made of metal. This ensures long lasting trouble-free operation.

The drive/operator is gimbal-mounted on both gate and column side. This enables an absolutely free of play installation of the operator as well as smooth and even movement of the gate.

Optional equipment

With the courtyard light module an existing garden or path lighting can be controlled. "ON" with the start of the gate operator and "Off" automatically after max. 15min..

The door status indicator allows, among other things, a connection to an alarm system and thus an enhanced control.

by the use of high-quality components the massive motor/drive unit ensures safe power transmission and long lasting operation



	SWING X3	SWING X3LH	SWING X4	SWING X4LH	SWING X5LH
Designation	SWING X3	SWING X3LH	SWING X4	SWING X4LH	SWING X5LH
Max. gate-panel weight	500kg	500kg	500kg	500kg	500kg
Max. gate-panel width	3m	3m	4m	4,5m	5m
Duty cycle	40%	40%	40%	40%	40%
Motor voltage	230V+/-10%	230V+/-10%	230V+/-10%	230V+/-10%	230V+/-10%
Gate travel speed	14mm/sec	14mm/sec	11mm/sec	11mm/sec	11mm/sec
Max. shear force	4000N	4000N	5000N	5000N	6500N
Travel stroke	320mm	450mm	320mm	450mm	450mm
Max. opening angle	100°	110°	100°	110°	110°
integr. mech. limit stops for open and closed position	200kg/3m	200kg/3m	200kg/3m	200kg/3m	200kg/3m

Please check the technical data sheets for more detailed information.

Note: Please be aware that the gate-security devices shown in this brochure are examples and are not to be considered as guidelines with regard to applicable standards. The standards in effect in each country must be complied without fail during start-up and/or installation.



Eduard Tousek

tousek PRODUCTS

- Sliding-gate operators ▲
- Swing-gate operators ▲
- Garage-door operators ▲
- Folding-gate operators ▲
- Barriers ▲
- Parking systems ▲
- Electronic controls ▲
- Radio remote controls ▲
- Key switches ▲
- Access control ▲
- Security devices ▲

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For many years now,

we have been working on developing gate operators and their accessories at the forefront in the international field. Expertly trained employees and comprehensive service are two of the factors in satisfying customers' wishes.



tousek - the original

The Original **tousek** Quality certificate is your absolute guarantee of the highest quality when you purchase a **tousek** operator.



Reliable and secure

Tousek's leading technical development, including the Rolling Code Radio System, for instance, which generates a new radio code every time the remote control is activated, thus preventing the radio signal from being scanned by unauthorised persons, is your guarantee of greater security, in demand today as part of seamlessly protecting property. The quality of **tousek** products is guaranteed by the most stringent tolerances in manufacture and constant monitoring.

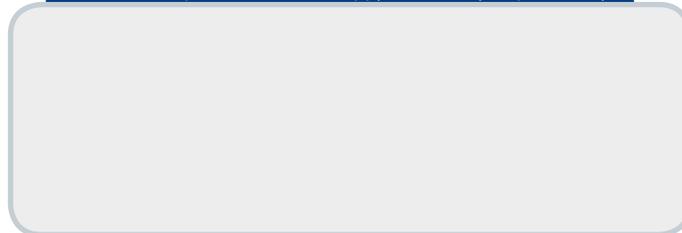
Compatibility

Tousek places great emphasis on keeping all elements of the gate operator, accessory and security programmes compatible as the assortment of products grows.



www.tousek.com

Your **tousek** partners will be happy to advise you personally.



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tousek garage doors operators
convenient and safe



tousek barrier systems
attractive and robust



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compact and safe



tousek impulse emitter
programmes
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