

tousek Slim

Automatic
Swing Gate Operators
elegant & secure



*) initial test under EN 13241-1
by TÜV-Süd taking as basis EN 12453
and EN 12445 for the operator Slim CLR
in connection with control board ST 12/4L



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 SLIM CLR



Electromechanical operators for all types of residential swing gates

- very slim, discreet design ■ adjustable soft stop and soft start-up ■ 12 V direct current technology
- ARS Automatic Reversing System ■ optionally available with limit switches
- optionally available with emergency rechargeable battery in the event of power failure



also suitable for subsequent installation



Limit switches

The Slim CLR operator is supplied with two proximity limit switches, mounted on the operators' underside. They can very easily be continuously adjusted and locked without any tools.



Optionally a 12V battery is available, which ensures the reliable operation of the gate for approx. 15 cycles in case of a power failure.



Emergency release

All the operators in the Slim series are equipped with an emergency release device which allows you to open and close the gate manually in the event of power failure. A ring on the piston rod ensures interlocking power transfer and correct positioning after emergency release.

The control

The technically innovative ST 12/5 microprocessor control was especially developed for the Slim electromechanic swing gate operators. This brand-new type of control unit regulates all functional procedures; it features numerous connecting options, e.g. for radio, code transmitter, sensor for the intercom unit and, of course, for all regular door-security systems.



Stable operator mounting

The rear operator suspension is made of robust, glass-fibre reinforced synthetic and outfitted with a waterproof cable input. All mounted parts are made of stainless steel.



Dual-line display

All functions e.g. impulse/automatic operation, partial opening, gentle stop and many more can be easily set and adjusted to every gate by using the easily accessible sensor with its English-language plaintext menu.

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.

New or already existent swing gates with a maximum weight of 150 kg per panel can be automated using the Tousek Slim operator.

Tousek's Slim operator unit works electromechanically, consisting of a rust-free piston rod with an integrated, self-blocking spindle, activated via a high-performance, 12 V DC motor.

The components are protected from dust and damp in an anodised aluminium casing.



Detail of the solid steel spindle, resting on ball bearings

The operator allows you to block the gate in any position you wish; thus, it requires no electric lock.

A key is provided for unlocking the gate with the emergency release in the event of a power failure.



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Secure

The new 12 V technology allows using the ARS function (Automatic Reversing System) which immediately reverses the travel direction when the gate encounters an obstacle at opening or closing. Opening and closing force are continuously variable.



Designation	SLIM CLR
Max. gate-panel weight	150kg
Max. gate-panel width	2,5m
Built-in limit switches	yes
Gate travel speed	13mm/sec
Max. opening angle	120°
cycles/day	20/day
Travel stroke	330mm
Motor voltage	12V

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

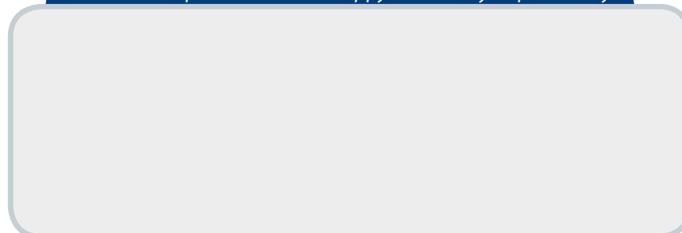
Tousek places great emphasis on keeping all elements of the gate operator, accessory and security programmes compatible as the assortment of products grows.



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



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