

tousek *Pull Si*

*Automatic*  
**Sliding Gate Operators**  
*rapid & intelligent*



**tousek**<sup>®</sup>  
AUTOMATIC GATE OPERATORS



*Sliding gate  
operators*



*Cantilever sl.  
gate sys.*



*Swing gate  
operators*



*Garage door  
operators*



*Barrier  
operators*



*El. gate control*



*Impulse  
emitters*



*Safety  
devices*



*Miscellaneous*

# tousek *Pull Si* – rapid and intelligent



**Operator for all types of sliding gates** *in the private sector, no matter whether made of wood, steel or aluminium – also suitable for installation on existing gates*

Apart from quality and reliability, special attention was paid to quick installation and user-friendly operation when we designed the **tousek Pull Si**.

The operator locks the gate reliably. The ergonomically designed handle is a special feature of the emergency release, locked with a standard lock cylinder, allowing you to open and lock the gate by hand during times of power outage.



The fast 24 V motor, including limit-position sensor

The Pull Si consists of a 24V DC electric motor and a worm gear pair placed in an aluminium casing stable in form, and features many ingenious details such as removable connector blocks, soft start-up and stop, electronic limit-position recognition, the ARS security system, and many more.

#### **Settings via DIP Switches and Potentiometers**

All functions, such as impulse and automatic control, partial opening, force regulating and much more can be set via easily accessible DIP (dual inline package) switches and potentiometers.

#### **Security with the ARS System**

ARS = Automatic Reverse System. If the gate runs into an obstacle during closing, the motor's rotation direction automatically reverses. The gate stops if it meets an obstacle during opening.

- electronic limit-position recognition
- lockable emergency release
- soft start-up and stop
- sectional opening for pedestrians



#### tousek Radio

Apart from a long range and security against opening by strangers, the tousek Rolling Code 433 MHz handheld radio transmitter features a special, ergonomic design.



#### Easy Mounting

The Pull Si operator is equipped with a height-adjustable mounting plate as a standard feature, making adjustment to the gear rack quick and easy.



#### Electronic limit-position recognition

The Pull Si operator works without a limit switch, i.e. it is equipped with a sensor which automatically recognises and saves both end-points of the gate's movement (limit stops) during operator start-up.



#### Intelligent Microprocessor Control

The Pull Si motor control doubly protected by a separate control casing inside, is equipped with security and impulse inputs for connecting a large number of security and control components from the tousek Accessories assortment.



#### Lockable Emergency Release

The emergency release, an important function in a case of power outage, is locked with a lock cylinder. It can be exchanged and thus be integrated into an existing building's key system.



**Set delivered including:** Pull Si operator with integrated ARS control incl. mounting plate, emergency release lockable, including two keys Z15 gear wheel, Module 4, key switch, handheld radio transmitter, radio receiver, photocell

Designation	Pull Si
max. gate weight	200 kg
max. gate width	7 m
mains voltage	230 V $\pm$ 10%
power input	1,2 A
gate frequency	10 cycles/day
max. opening speed	15 m/min
closing speed	10 m/min
force setting	yes
partial opening	yes
automatic reverse system	yes

#### 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.

See the list of specifications for more detailed information. We reserve the right to change specifications.



# www.tousek.com



Eduard Tousek

## tousek PRODUCTS

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

### tousek Ges.m.b.H.

A-1230 Wien, Zetschegasse 1  
Tel: +43/ 1/ 667 36 01  
Fax: +43/ 1/ 667 89 23  
Email: info@tousek.at

### tousek GmbH

D-83395 Freilassing  
Traunsteiner Straße 12  
Tel: +49/ 8654/ 77 66 - 0  
Fax: +49/ 8654/ 57 196  
Email: info@tousek.de

### tousek Sp. z o.o.

PL-43-190 Mikołów (k/Katowice)  
Wyzwolenia 27  
Tel: +48/ 32/ 738 53 65  
Fax: +48/ 32/ 738 53 66  
Email: info@tousek.pl

### tousek s.r.o.

CZ-130 00 Praha 3, Jagellonská 9  
Tel: +420/ 222 090 980  
Fax: +420/ 222 090 989  
Email: info@tousek.cz

## 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.



**tousek**  
AUTOMATIC GATE OPERATORS

www.tousek.com

Your tousek partners will be happy to advise you personally.



tousek swing gate operators  
*rational and strong*



tousek barrier systems  
*attractive and robust*



tousek garage-door operators  
*convenient and safe*



tousek impulse emitter  
programmes  
*compatible and secure*



www.tousek.com

Visit our website for more  
important information all  
about automatic operators.