

**tousek** *Pass 838 Series*

*Automatic*  
**Barrier Systems**  
*elegant & robust*



*Sliding gate  
automation*



*Cantilever sl.  
gate sys.*



*Swing gate  
automation*



*Garage door  
automation*



*automatic  
barriers*



*El. gate control*



*Impulse  
emitters*



*Safety  
devices*



*Miscellaneous*

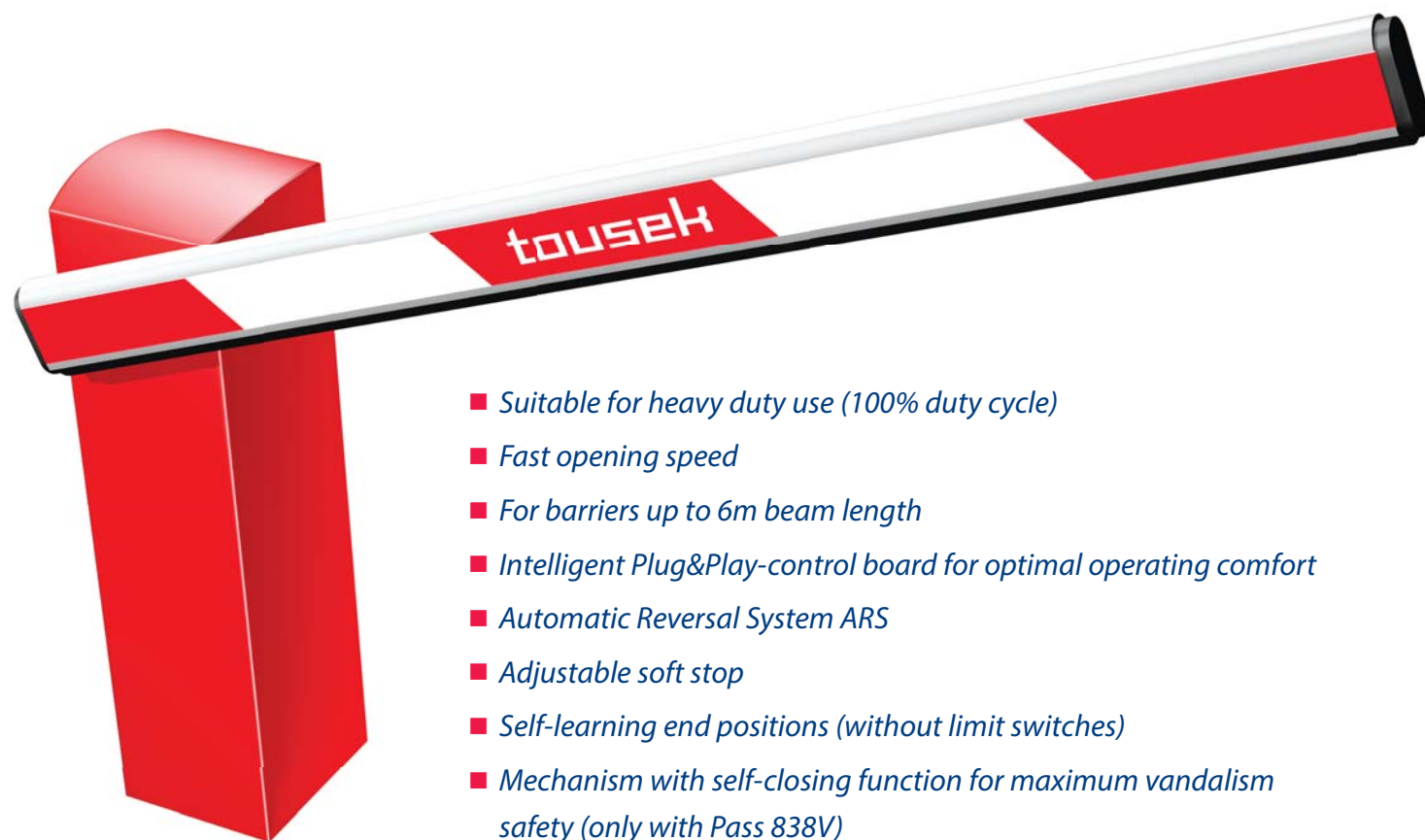


**tousek**<sup>®</sup>  
G A T E   A U T O M A T I O N

MADE IN AUSTRIA

# tousek Pass 838 Series

Barrier systems with electromechanical gearing



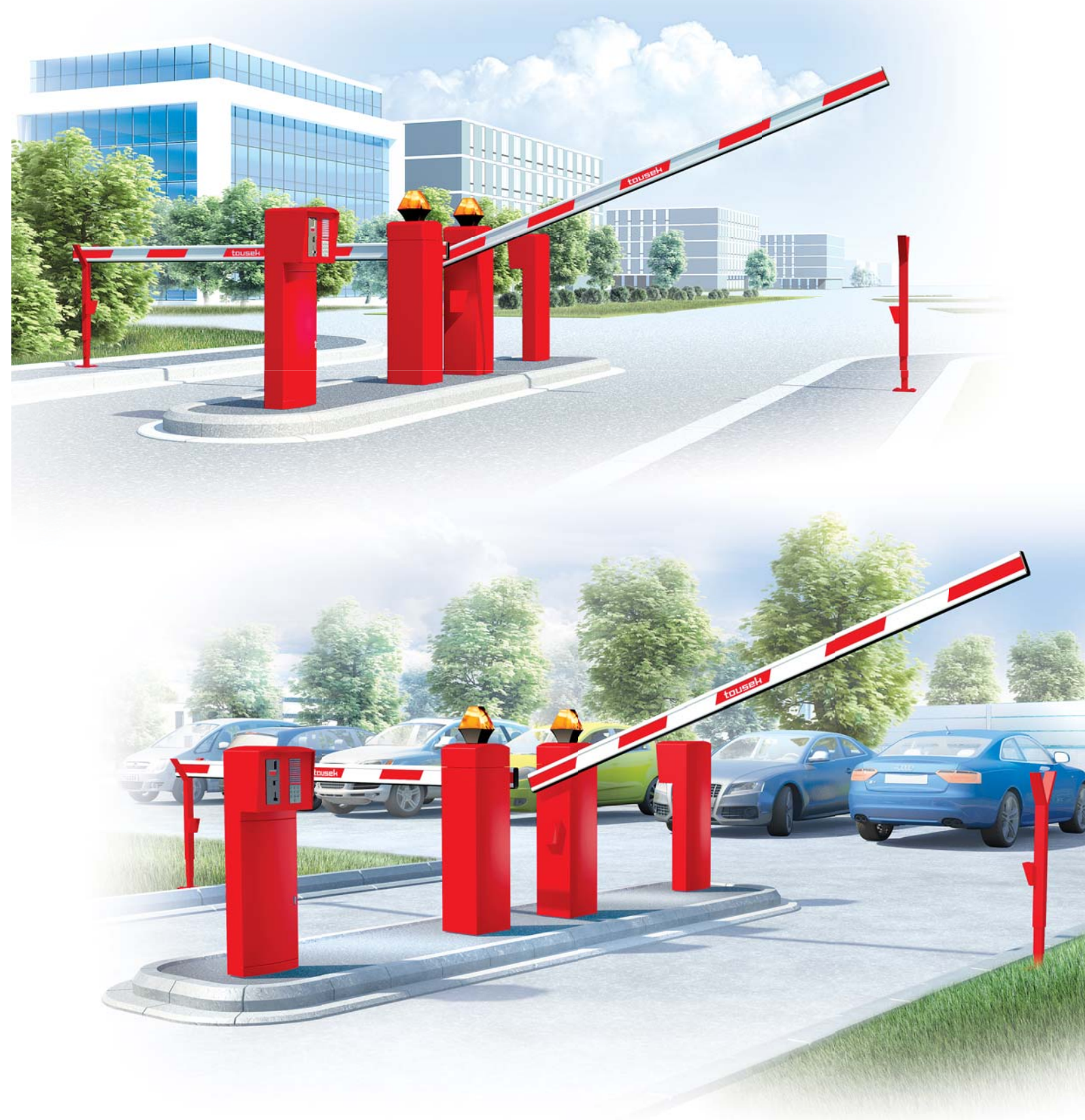
- Suitable for heavy duty use (100% duty cycle)
- Fast opening speed
- For barriers up to 6m beam length
- Intelligent Plug&Play-control board for optimal operating comfort
- Automatic Reversal System ARS
- Adjustable soft stop
- Self-learning end positions (without limit switches)
- Mechanism with self-closing function for maximum vandalism safety (only with Pass 838V)
- Direct connection of 8,2k $\Omega$  safety contact edge for lower beam edge
- Integrated slot for induction loop detector
- Optional Master-Slave-function for double barrier
- Robust gearing running in oil bath



NEW

## Vandalism safe gearing with self-closing function for PASS 838V

Thanks to a sophisticated mechanism the barrier automatically protects against forced opening. For maximum security such attempt is also recorded in the cycle storage.



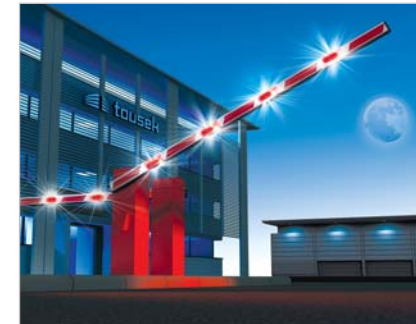


## Flexible in application Configurable according to your wishes



### Flexible

The housing door can be locked with a standard cylinder lock and therefore easy to integrate into an existing key system.



### Freely configurable beam lamp (red LED)

Thus, the bar remains always in the right light in darkness and bad weather.



### Barrier grid

As extended closure all barriers of PASS series can be equipped with a beam grid.



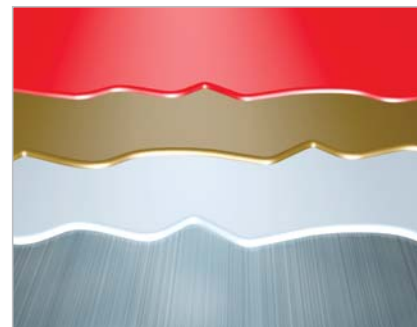
### Pendulum arm

Thanks to the dampening effect of the optional stabilizer excessive ringing is prevented and thus protects the barrier mechanism.



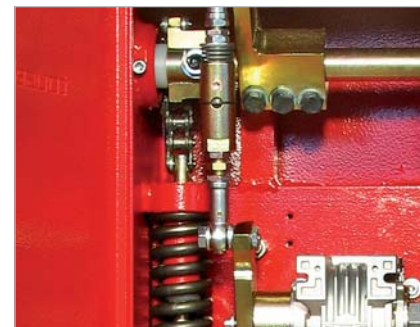
### Emergency release

Because of an intelligent mechanism, the bar - in case of a power failure - can be unlocked easily and without much effort.



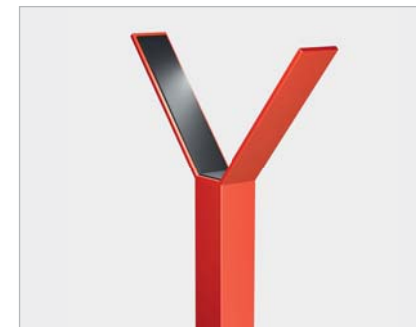
### Resistant

The multi-layer coating consisting of phosphating, two-component undercoat and two component structure coating guarantees color consistency for years.



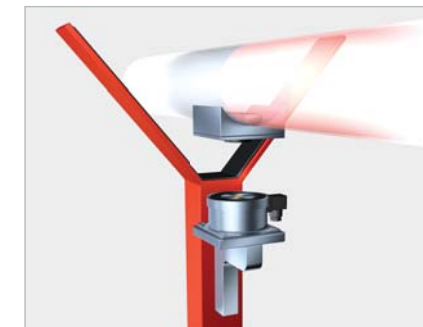
### Stable

The robust special gearing is aligned for up to 2000 cycles per day, thus ensuring a smooth operation for many years.



### Tip rest

The optional tip rest helps to relieve the barrier mechanism in closed position. Additionally by the tip rest a safe entry of the beam is anytime possible.



### Magnet for beam

A strong magnet can fix the beam in a more reliable way and it is more difficult also to force an entry.



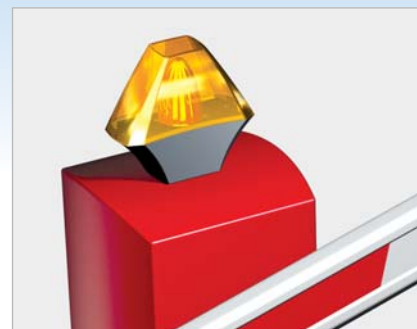
### Articulated beam bracket

Using the folding bracket also installations in low areas can be realised simply and easily.



### Maintenance control

The integrated maintenance control gives timely information about upcoming service work.



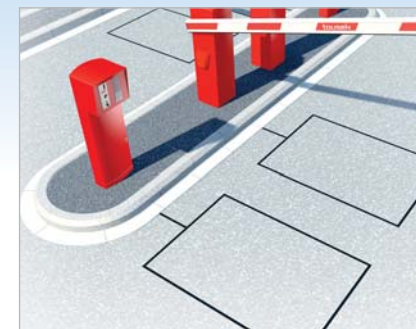
### LED - signal lamp

The bright and economical flashing light always reliably informs about an upcoming beam movement. Thanks to modern LED technology the frequent changing of bulbs belongs to the past.



### Photocell

Mounted directly below the beam, the barrier is perfectly usable for non-contact vehicle detection and / or as (additional) safety device.



### Induction loop

All barriers of the PASS series have a slot for induction loop detectors. This allows even the most demanding operating logics - such as detection of directions - to be implemented easily.



### Vehicle impact protection

The impact protection made of solid steel protects against collision damage.



### Barrier housing with traffic light

The sophisticated design allows the light to be placed directly on the barrier housing. Additional costs for a separate traffic light column are omitted.



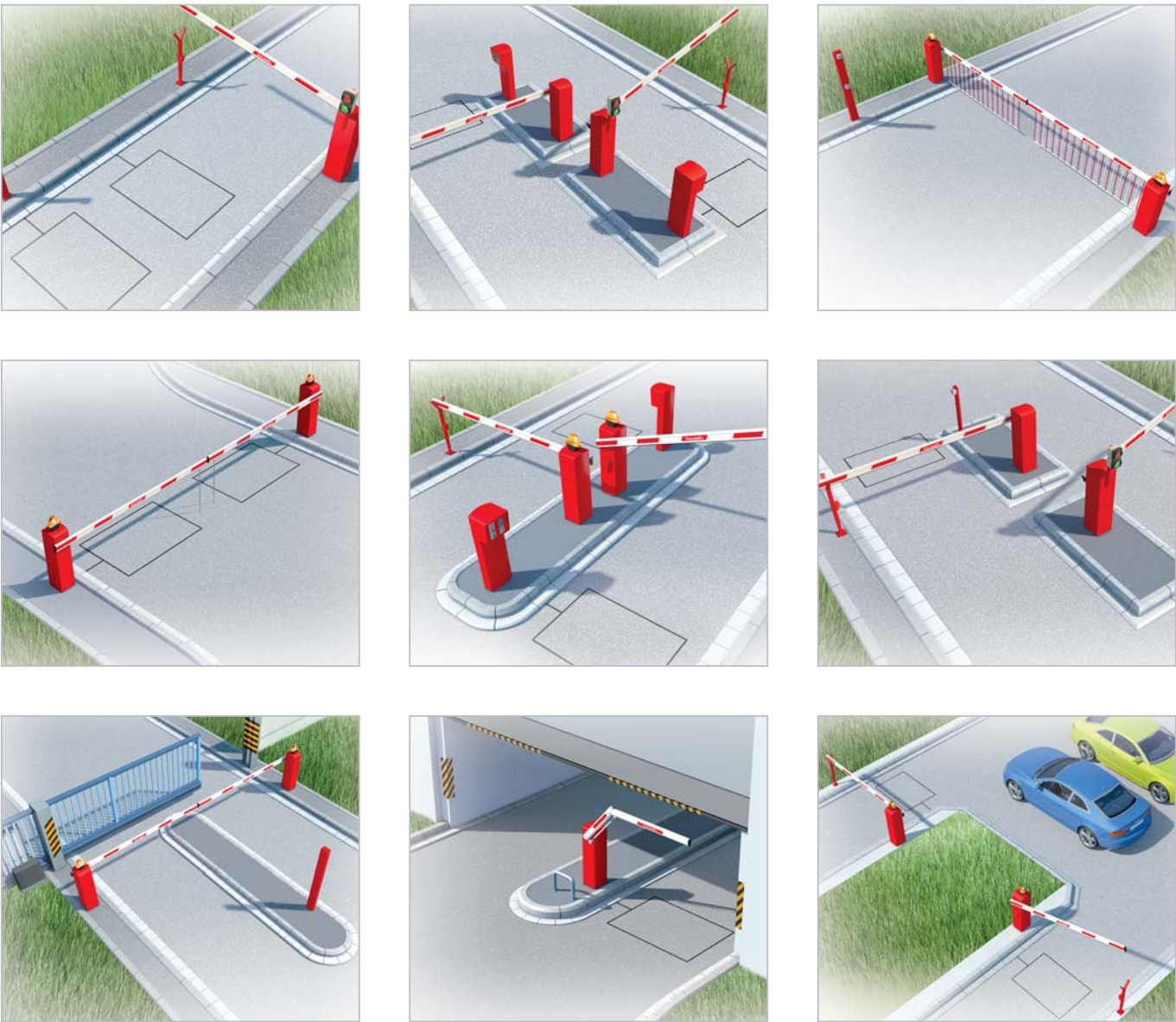
Intelligent Plug&Play control board for optimal operating comfort

- Large illuminated LC-Display (2x16 characters)
- English clear text menu operated via four buttons
- Status display for safety and button/switch inputs
- Automatic Reversal System ARS
- Self learning end positions (without limit switches)
- Electronic force regulation
- Adjustable soft stop
- Selectable operating modes (Impulse, Automatic, Deadman)
- Direct connection of 8,2kΩ safety contact edges for lower beam edge
- Self-monitoring of photocell
- Optional, external beam status display (e.g. concierge)
- Slots for radio receiver and I-loop detector
- Output for beam holding magnet
- Optional Master-Slave-function with double barrier
- Optional traffic light control with direction detection
- Available in following languages:  
English, German, Spanish, French, Czech, Polish, Italian



**Programmable control unit**  
Never before the programming of a barrier was so comfortable. Via four keys, a large backlit two-line LCD display and clear text menus, all functions can be programmed very user friendly and time saving.

Different installation possibilities of the Pass 838 barrier  
the tousek PASS barrier can be used in many situations and possible installation combinations.



**Contactless access control system**  
In its elegant exterior lies a perfect control system for the "stand-alone" and network operation. With the software maps and times can be managed separately.



**Token checker**  
Chip checkers for companies and institutions that want to provide their customers at any time free parking spaces available. For this or other similar applications the tousek token checker is ideal and can be integrated into the standard column.



**Key switch**  
To supplement or replace the radio. Available in many variations. Surface- or flush-mounted. Commercial cylinder can be used.



**Transmitters**  
The shapely tousek transmitter operates in the „rolling code procedure“. In this case each time the transmitter is used a new radio code is generated, thus preventing the „scanning“ of the radio signal is ineffective.

	NEW				
Designation	Pass 838V	Pass 838L3	Pass 838L4	Pass 838L6	Pass 882
Barrier arm length	3 m	3 m	4,5 m	6 m	9 m
Opening time	1,5 sec	7 sec	7 sec	7 sec	12 s
Cycles	2000	1000	1000	500	500
Duty cycle	100 %	100 %	100 %	100 %	100 %
Articulated arm	optional	optional	optional	-	-
Voltage	230V	230V	230V	230V	230V
Emergency release	yes	yes	yes	yes	yes
Note: PASS 838 is only for vehicle traffic! PASS 838L6 is delivered with round barrier with a diameter of 84mm					

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 ▲

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

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 GmbH

CH-6275 Ballwil  
Bahnhofstraße 14  
Tel: +41 41/448 29 65  
Fax: +41 41/448 29 66  
Email: info@tousek.ch

### tousek Benelux NV

B-3930 Hamont-Achel  
Buitenheide 2A / 1  
Tel: +32 11 91 61 60  
Fax: +32 11 91 61 60  
Email: info@tousek.nl

### tousek Sp. z o.o.

PL-43-190 Mikołów (k/Katowic)  
Gliwicka 67  
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.

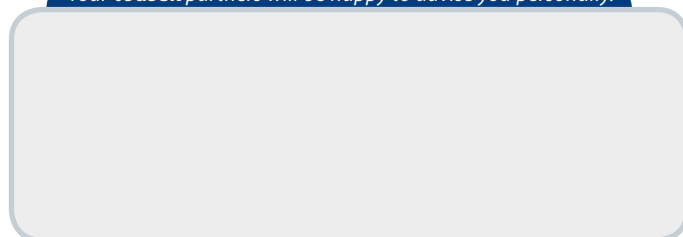
## Compatibility

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



www.tousek.com

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



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compact and safe



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