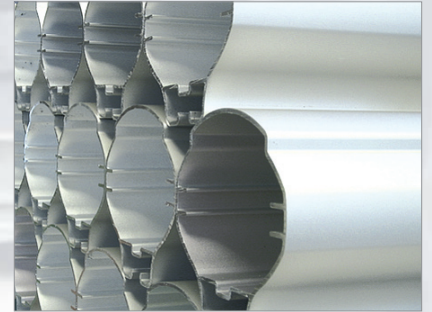
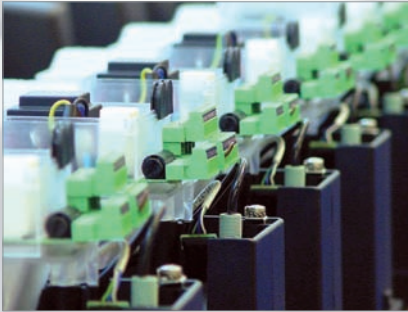




tousek[®]
AUTOMATIC GATE OPERATORS



Automatic Gate Operators – simply moving...

History

With the foundation of tousek Gate Operators in Austria in 1974 Eduard tousek prepared the ground for today's company group and was already at that time considered trend setting by the branch. From the very beginning tousek was exclusively focused on the supply to this special trade branch. This partnership led to our success. In the meantime tousek is present with own branch offices in Germany, the Czech Republic and Poland.

The Goals

Wherever a customer is looking for particularly safe and innovative gate operators in Europe, we want to continue to play a decisive part. We concentrate on ensuring our permanent success in all areas through continuous development and productivity.

Vision Statement

All our activities concentrate on the success of our customers. Business was carried out in the past, is carried out currently and will be carried out in the future between human beings, this is the reason why it is essential to emphasize courtesy, kindness and esteem in the contact with our customers. The customers shall feel comfortable.

Customer needs

At the beginning of each new development stand the requests of our clients. These market requirements are being realised into innovative ideas.

Prototyping

First raw models serve as simulation of favoured functions. After that the design of the cover as well as a wood model in 1:1 size follow. Then we continue with the 3D-prototyping before the manufacturing of the necessary tools are being commissioned.

Tests

Our operators are brought to their maximum load in order to find possible weak spots. We test their operational reliability on real gates in extreme conditions. Thereby a technical expertise is attained which then flows again into the development process.

Electronics

Also our microprocessor controls are being developed in house to guarantee the high quality level of our products in detail. The developing teams for electronics and mechanics work always hand in hand.

Fine finishing

Also for the quality assurance the finishing of the raw cast parts are realised by our own development centers .

Manufacturing

Finally the single parts are being assembled to a final product in our manufacturing site.

Pre-delivery inspection

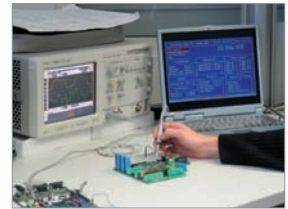
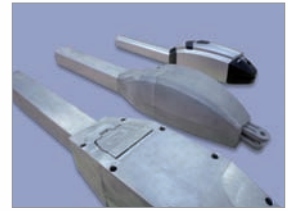
Each single operator goes through a precise quality inspection. Thereby possible errors are found in time and can be repaired before having unnecessary expenses at the installation site.

Finalisation

For a perfect operation the correct installation is very important. For this reason all our installation manuals are made and printed in our company.

Stock

All our branch offices have a well assorted stock in order to be able to supply all operators to our customers in a short time .



The Products

tousek products are used and highly appreciated all over the world due to their innovative technology and their quality standards. A long useful life and the latest electronics are essential features of our products. Quality for us means more than accuracy of measurements and operation. Continuous analysis and controls during reception and issue of goods are core elements of our quality assurance.

The Company

We are an innovative manufacturer who above all is focusing on quality. Short and rapid communication ways between development and distribution in the Company tousek bring about permanent and rapid adjustments to the market requirement.

Research, development, construction of prototypes, tests, production and quality assurance are located in the company seat itself and therefore guarantee a continuity of the production level.

The Employees

...are the most valuable capital of each company. This is the reason why we are consciously concentrating on long-term belonging and permanent training. The consequence is a high level of knowledge and experience of our employees and our customers can feel it at any time. Team work and a strong sense of collaboration – like in a big family – are not just words but reality experienced day by day. .

TÜV-TEST

Our sliding gate operators Pull CR and Pull SLR/3 as well as our swing gate operator Slim CLR have gone through the initial test by TÜV Süd for EN 132 41-1 regulation underlying EN 12453 and EN 12445.



For a gate installation according to our specification with these operators an active safety sensing edge at the main closing edge is not applicable. Control book and test certificate for your gate installation is available on our internet site.

Please visit us in the Internet - www.tousek.com

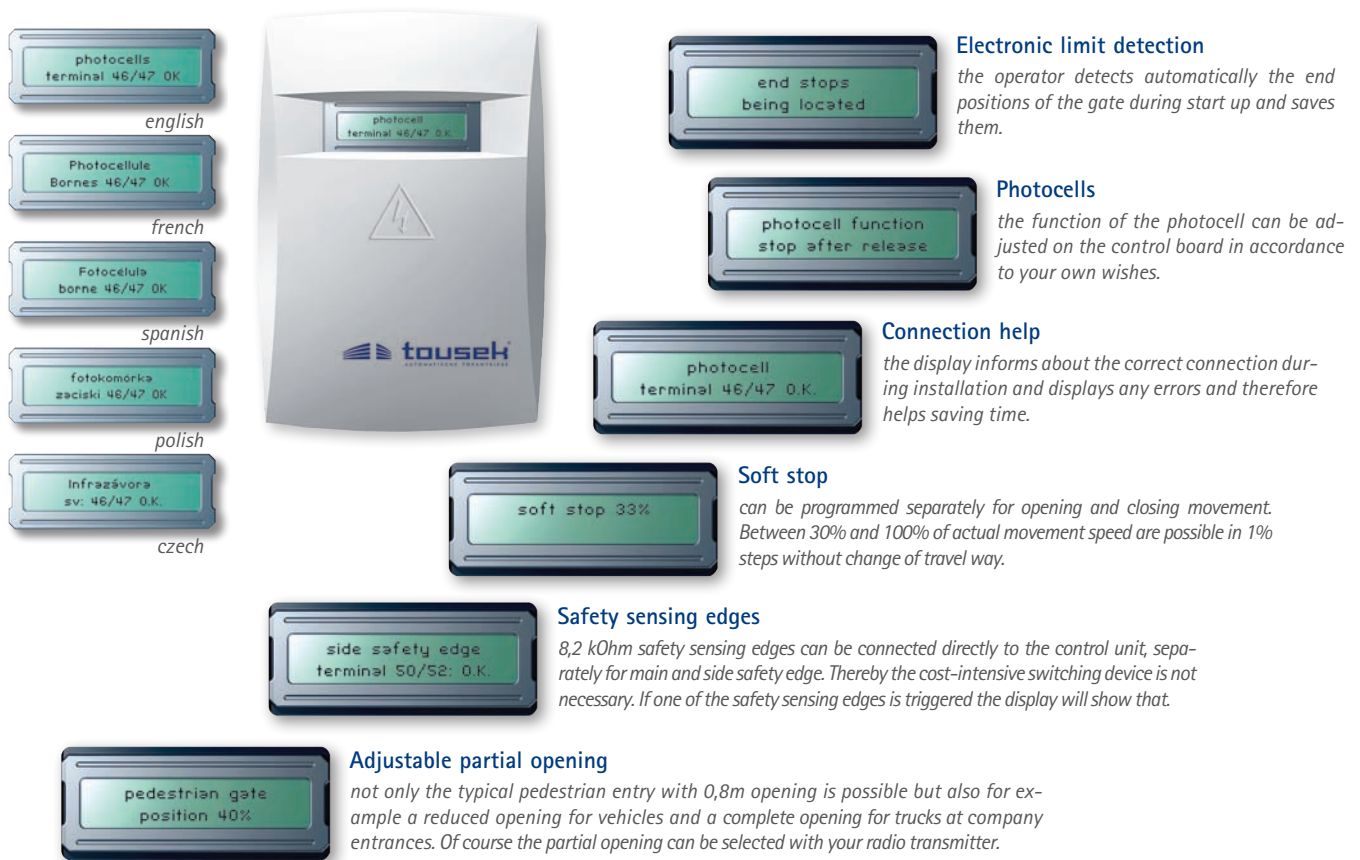
tousek – this name stands not only for innovative operators but also for an user-friendly and informative webpage. For detailed information of gate operators you have the possibility to program the PULL CRV online through a computer simulation (24h)



On the partner site all tousek brochures/catalogues as well as technical manuals are available for download as PDF file.

Programmable control unit

The programming of an electronic control board for gate operators has never been so easy and comfortable. Through four buttons, a large illuminated LC Display and clear text programming menus you can adjust all functions in an user-friendly and time saving way.



english
photocells
terminal 46/47 OK

french
Photocellule
Bornes 46/47 OK

spanish
Fotocélula
borne 46/47 OK

polish
fotokomórka
zacziski 46/47 OK

czech
Infrazvora
sv: 46/47 O.K.

Electronic limit detection
the operator detects automatically the end positions of the gate during start up and saves them.

Photocells
the function of the photocell can be adjusted on the control board in accordance to your own wishes.

Connection help
the display informs about the correct connection during installation and displays any errors and therefore helps saving time.

Soft stop
can be programmed separately for opening and closing movement. Between 30% and 100% of actual movement speed are possible in 1% steps without change of travel way.

Safety sensing edges
8,2 kOhm safety sensing edges can be connected directly to the control unit, separately for main and side safety edge. Thereby the cost-intensive switching device is not necessary. If one of the safety sensing edges is triggered the display will show that.

Adjustable partial opening
not only the typical pedestrian entry with 0,8m opening is possible but also for example a reduced opening for vehicles and a complete opening for trucks at company entrances. Of course the partial opening can be selected with your radio transmitter.

Operator control boards microprocessor controls



General product features

- large illuminated LC-Display (2x16 characters)
- with vision panel (except for sliding gate operators)
- clear text menu programmable through four buttons in 6 languages
- status display for safety and impulse connections
- pluggable 1- or 2-channel radio receiver
- direct connection of 8,2 kOhm safety sensing edges
- electronic force regulation
- electric lock output (except for sliding gate operators)
- self-monitoring of photocell
- operation mode is selectable (impulse, automatic, dead man)
- free adjustable partial opening for pedestrians, also with one leaf
- partial opening also available through remote control
- with ST 12/4(L): direct connection for courtyard light (100W)

The controls with display are available for the following operators

Sliding gates:	PULL SLR/3 PULL CR/1 PULL CRV PULL XR 10 and PULL XR 15
Swing gates:	SLIM TURN SWING X SPIN SWING 225 and SWING 265 TURN 310 SWING 270
Garage doors:	TIP 180 FOLD 330
Barriers:	all PASS 830



PULL

Apart from proven technology, such as the horizontally-positioned control board to make installation easier, we paid special attention to design and user friendliness when planning the **tousek pull Series**.

- The high-performance motor of Pull CR and XR as well as the tempered steel gears run quietly in an oil bath, thus ensuring excellent heat elimination and lubrication which, in turn, results in substantially less wear on the working parts.
- The operator reliably moves and locks the gate. The ergonomically designed handle is a special feature of the emergency release, locked with a standard lock profile half cylinder, allowing you to unlock and lock the gate by hand during times of power failure. The cylinder is delivered with three keys.

Sliding gate operators PULL

*tousek PULL – operators for all sliding gates in private and industrial area
Of course also for subsequent installation.*

New Technology.

Encapsulated Microprocessor Control

The technically innovative microprocessor control is located under the covering cap of the Pull SLR, CR, CRV and XR. The construction with encapsulated control not only provides optimal protection from damp, dust and small animals, but also guarantees operation in all types of weather conditions, even at the lowest temperatures.

The Pull Series controls are equipped with control and security inputs for connecting a large number of control and security components from the tousek accessories assortment.

Setting via buttons and LCD display

All functions, such as impulse/automatic operation, partial opening, start-up power or courtyard illumination can be set via the easily accessible buttons and a step-by-step menu programme in Pull SLR, CR, CRV or XR with plaintext menu with an LC Display.

Safety with the ARS System

Automatic Reverse System. If the gate runs into an obstacle during closing, it reverses automatically. The gate stops when touching an obstacle during opening.



optional emergency battery for PULL CRV



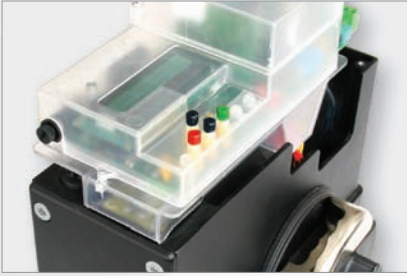
Lockable emergency release



The attractively shaped coverings elegantly conceal the mounting brackets of the PULL CR.



Motor and gears run in an oil bath and are therefore maintenance-free.



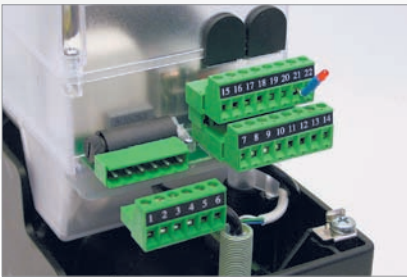
Encapsulated control



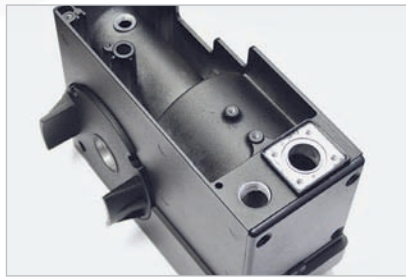
Standby-mode with extremely low power consumption of only 1,1 Watt!



Display with plaintext menu in Pull CRV



All tousek Sliding Gate Operators of the Pull Series are delivered with removable connector blocks.



One-piece cast aluminium housing of the Pull Series



Automatic illumination

compact and safe



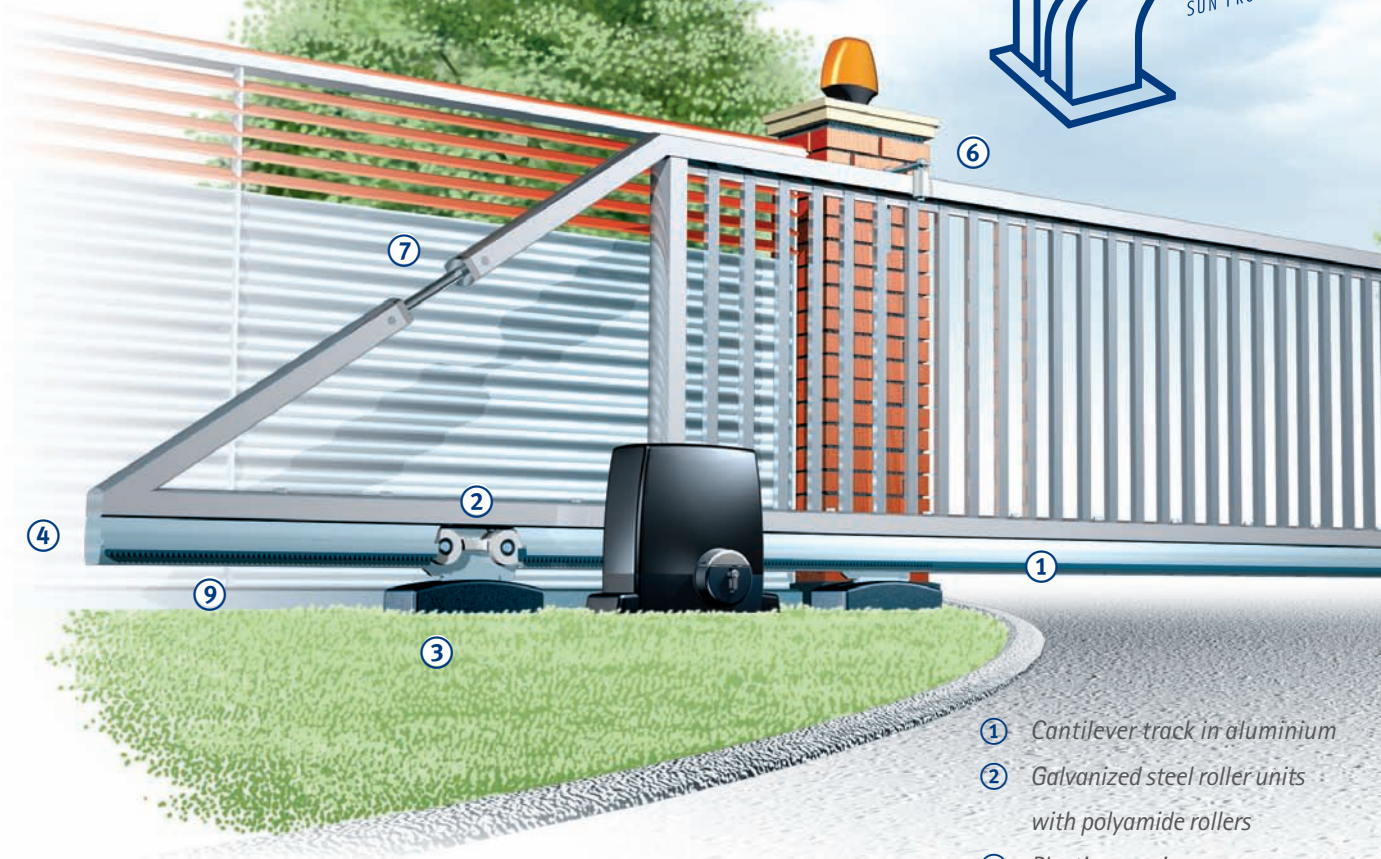
Technical Data	PULL SLR/3 *)	Pull CR/1 *)	PULL CRV **)**)	NEW	NEW	TPS 3000/6000
				PULL XR10	PULL XR15	
Gate weight max.	400 kg	600 kg	500 kg	1000 kg	1500 kg	3000 / 6000 kg
Connection voltage	230 V \pm 10%	230 V \pm 10%	230 V \pm 10%	230V \pm 10%	230V \pm 10%	400 V \pm 10%
Cycles/duty cycle in %	20/day	40 %	100 %	60 %	40 %	100 %
Running speed	9 m/min	9 m/min	13 m/min	9 m/min.	9 m/min	9 / 8 m/min
Torque	15 Nm	25 Nm	22 Nm	35 Nm	45 Nm	130/450 Nm
Motor voltage	230 V	230 V	24 V	230 V	230 V	400 V
Soft start/soft stop	no / yes	no / yes	no / yes	no / yes	no / yes	no / no
Direct connection of 8,2kOhm safety edges	yes	yes	yes	yes	yes	no

*) initial test under EN 13241-1 of TÜV-Süd taking as basis EN 12453 and EN 2445

**) tested by TÜV Rheinland according EN 60335-1 : 2002 and EN 60335-2-103 : 2003

Delivery scope (except TPS 3000/6000): the operators of PULL series are available with integrated or separate control board. Serially available:: mounting brackets, lockable emergency release incl. three keys (euro standard cylinder with PULL SI, Pull SLR; PULL CR and PULL CRV), gear wheel Z16 module 4.

INNOVATIONPRIZE
R+T 2003 OF THE
INTERNATIONAL
TRADE FAIR FOR
ROLLER SHUTTERS
GATES AND
SUN PROTECTION



- ① Cantilever track in aluminium
- ② Galvanized steel roller units with polyamide rollers
- ③ Plastic coverings
- ④ Aluminium end plates

Aluminium cantilever tracks for sliding gates Rollco® LV

■ Rational installation

With the innovative cantilever system profile the gear rack, gate and limit switches can be installed in a time saving and rational way.

■ Perfect gate movement

The roller units, adjustable in height and angle, completely eliminate load alternation reactions.

■ Corrosion resistant

The use of aluminium and stainless steel guarantees absolute corrosion resistance.

■ Very quiet movement

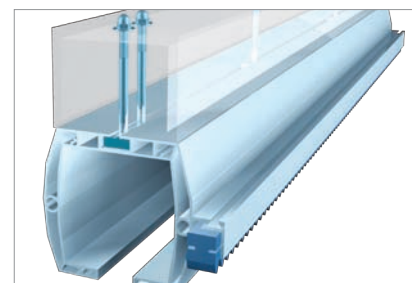
The aluminium rail combined with the solid roller unit and the large polyamide rollers (ball bearing-cushioned) guarantees quiet running.

■ Compatible

The Rollco LWA 115/1® has been designed to be optimally compatible with the tousek Pull sliding gate series; of course, the Rollco LWA 115/1® can also be operated manually.

■ Hollow-chamber construction

The hollow-chamber construction ensures a maximum flexural strength. The carrying power corresponds despite of the low material weight to that of a steel profile.



■ Innovation

The unique profile construction allows the gear rack and the gate set-up to be mounted on the track without drilling, which saves much time.

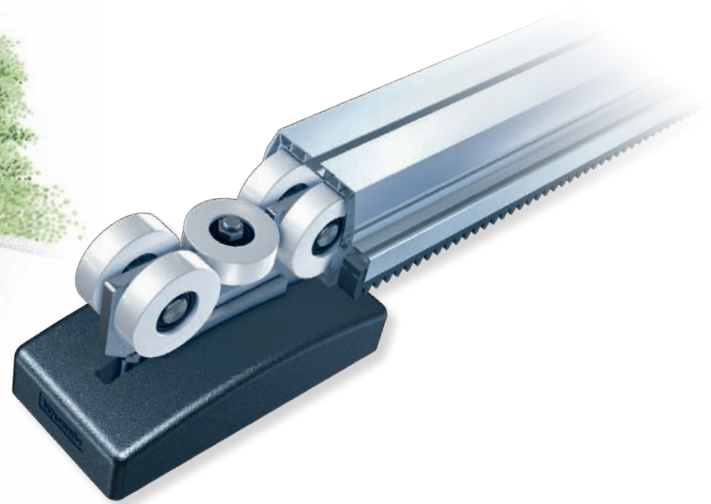
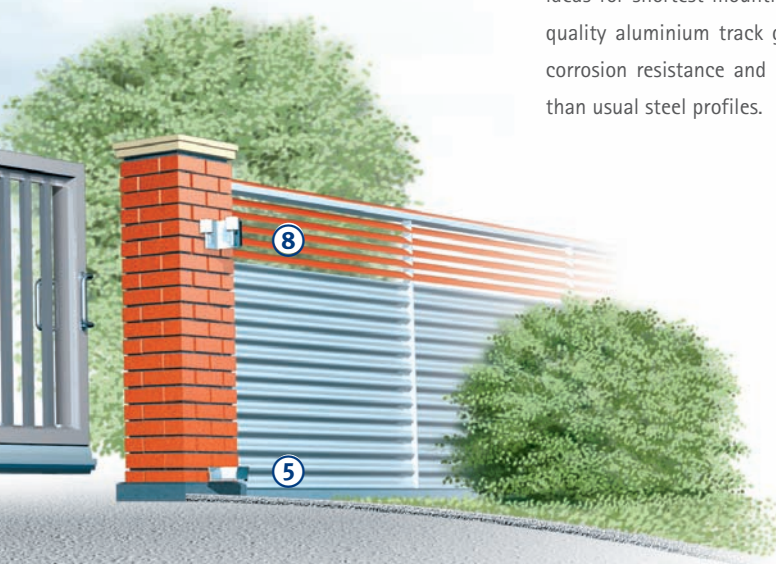
Aluminium cantilever systems for all cantilevered sliding gates with up to 5.8 metres passage width mm.

The new tousek cantilever system

Rollco® LWA 115/1

is the result of a brand new concept: innovative ideas for shortest mounting times. The high-quality aluminium track guarantees absolute corrosion resistance and is about 2/3 lighter than usual steel profiles.

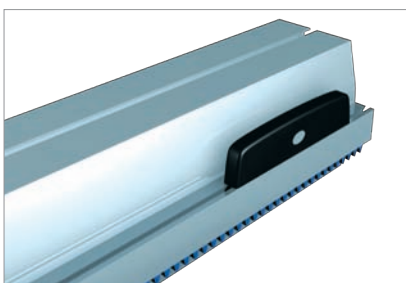
The solid roller unit with its large polyamide rollers (ball bearing-cushioned) guarantees quiet movement, even at highest load, as well as reliability for many years..



- ⑤ Aluminium guide-in bracket
- ⑥ Stainless steel guide bracket
- ⑦ Stainless steel turnbuckle
- ⑧ Stainless steel guide-in fork bracket
- ⑨ Plastic gear rack (with steel core)

LWA 115/1

innovative and rational



■ Comfortable

It can not be easier: The magnetic limit switch of the tousek PULL operator series can be easily inserted into the frame and stopped at any point desired..

Rollco® LWA 115/1

Application:	for the use in the industrial as well as in the private area
Material:	aluminium AlmgSi 0,5 DIN 1725, Natural aluminium surfacer
Measurements:	width/height: 108/105 mm
Carrying power:	30 kg/m
Gate frequency:	50 cycles/day
Weight:	approx. 5 kg/m
Lengths:	6.000 mm, 8.000 mm

Profile/track	Passage width (max.)
6.000 mm	4.300 mm
8.000 mm	5.800 mm 8.000 mm 5.800 mm

HOT-DIP GALVANISED



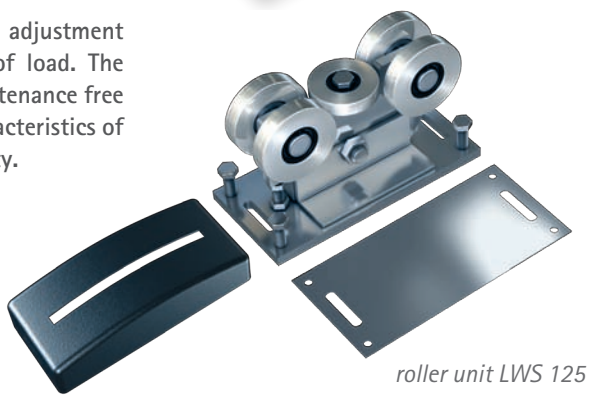
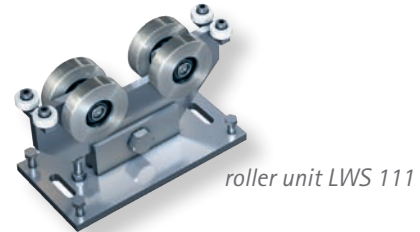
Steel cantilever tracks Rollco® LWS 100, 111 and 125

The tousek cantilever system Rollco® LWS 100, 111, 125, with a new concept. The cantilever track made of high grade cold rolled hot-dip galvanised steel is ready for use for outdoor installations (without surface treatment).

Modern cantilever sliding gate constructions have many advantages. The most important one: they are unsusceptible to ice/snow and the gate floats over any ground unevenness.

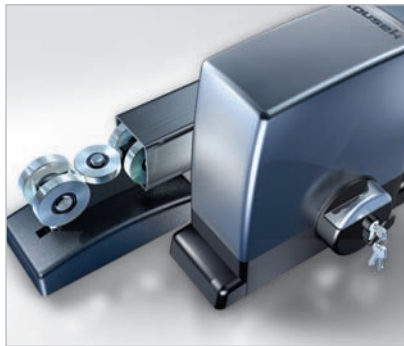
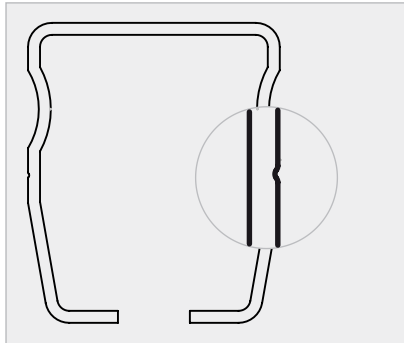
The massive rolling units with large ball bearing steel rollers ensure optimal guidance, quietness and durability even with maximal load capacity for many years.

The adjusting bolt is for adjustment against tilting in change of load. The dust-proof covers and maintenance free ball bearings are other characteristics of the high level tousek quality.



The cantilever track Rollco® Gates can be moved so easily. .

Due to the numerous advantages of cantilever sliding gates, they are also increasingly used in the private sector by quality-oriented metal producers. Unsusceptible to snow and ice the gate hovers away from all ground unevenness. Easy installation through prefabricated system components. All tousek cantilever systems can be used easily for the automatic operation, but even for a manual operation the cantilever system convinces due to quiet running and easy operation. On request Rollco tracks are being cut to size and the gear racks preinstalled for automatic operation.

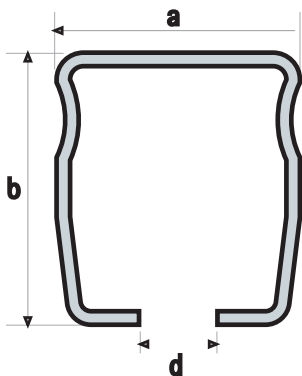


Drilling channel

for an even faster installation our LWS 111 and LWS 125 cantilever tracks have drilling channels for the gear racks.

Compatible

the tousek Rollco® cantilever systems LWS 100, 111, 120 are optimised for the tousek Pull sliding operators series. Of course both systems can be used manually.



in mm	LWS 100	LWS 111	LWS 125
a	75	84	105
b	69	94	125
c	3	4	5
d	30	30	30

Description	NEW		NEW
	LWS 100	LWS 111	LWS 125
Material	band steel QSTE 429 TM		
Load capacity*	20 kg/m	60 kg/m	150 kg/m
Gate frequency	20 cycl./day	30 cycl./day	100 cycl./day
Weight	5,5 kg/m	9 kg/m	150 kg/m
Max. entrance width	4.000 mm	6.000 mm	8.500 mm
Max. gate length	6.000 mm	8.200 mm	12.000 mm
Ground clearance	60 mm	85 mm	110 mm

*the load capacity is dependent on the initial overhang and the rolling gear model

Please find details in the technical data sheet.
Subject to alterations.

tousek swing gate operator SPIN

■ Big gate columns are the preferred application possibilities of the lever arm operator tousek SPIN. The distance between pivot point of the gate and gate column edge can amount up to 300mm. An extremely easy and rapid mounting are further advantages of this

operator. End switches fitted as standard assist the start up. In combination with the control ST50 the gate closes smoothly and quietly due to a soft stop.



SPIN



- ① Photocells
- ② Key switch
- ③ Swing gate operator
- ④ Electronic control
- ⑤ Remote control
- ⑥ Flashing light
- ⑦ Floor stop in closed gate position

Swing gate operators SLIM, SWING, SPIN, T



The control board ST 60 with display and clear text menus

tousek swing gate operator Swing X

■ the electromechanical swing gate operator Swing X moves large and heavy gates without any difficulty. Two different models allow a maximum leaf width of 4m and a maximum weight of 500kg per leaf.

■ the metal gearing with insulated ball bearings ensure that the Swing X is very reliable. An extremely massive spindle together with a spindle socket made of brass ensures durable and reliable operation.

■ In combination with the control box ST60 and the torque sensor the SWING X reverses automatically when touching an obstacle.

■ built-in and adjustable mechanical limit stops for easy installation.

■ the lockable emergency release with euro standard cylinder is also unique.



NEW

SWING X

tousek swing gate operator SWING

– extremely powerful.

- Swing, the electrohydraulic swing gate operator for highest requirements moves also the largest and heaviest gates without effort. 10 different models allow a maximum width of 6.000 mm and a maximum gate weight of 800 kg per leaf.
- The closed hydraulic system makes the SWING family particularly reliable. It avoids the intrusion of humidity and dust. The oil remains clean which makes the operators widely maintenance free.
- The SWING family is known for its operational reliability. It can even handle lowest temperatures of -25°C. All SWING swing gate operators have emergency release for manual use.
- low noise levels, separate and continuous force adjustment for opening and closing as well as the easy installation are other positive arguments. The mounting equipment is of course included in the motor package.

tousek swing gate operator TURN

extremely solid and robust

- The spindle operator is easily applicable up to a width of 3.000 mm and a weight per gate leaf of 350 kg. The high-performance alternating current motor operates reliably. Together with the ST50 control board the gate closes smoothly and quietly thanks to soft stop function.

tousek underground operator Turn 310UF

- If an excellent design is essential for the gate, let the transparent tousek underground swing gate operator TURN 310 UF play an important part. It easily moves gates up to a gate leaf width of 3.000 mm. Due to its solid construction the operator mechanism supports gates up to gate leaf weights of 400 kg. In combination with the microprocessor control ST 50, electric power adjustment and soft stop

are part of the standard repertoire. The bearing powers of the underground operator block gates up to a gate leaf width of 2.500 mm. Just in case of bigger gate leaves an additional electric lock is required. The mechanical stops in position "open" and "closed" substitute the floor stops.

SWING 225

TURN 10

TURN 310 UF



NEW

TURN, SWING X



tousek swing gate operator SLIM

- For the application on the classic garage gate this electromechanical operator opens and closes gate leaves up to a width of 3.000 mm. Soft start and soft stop are part of the new SLIM as well as the possibility to adjust the end positions on the unit. In future floor stops will be considered obsolete.
- The high-performance direct current motor detects an obstacle during gate movement due to its intelligent control. Even in case of a slight touch the gate stops immediately. tousek calls this function ARS (Automatic Reversing System).
- Available as special accessories: the emergency battery for emergency operation in case of a power failure.

*) 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



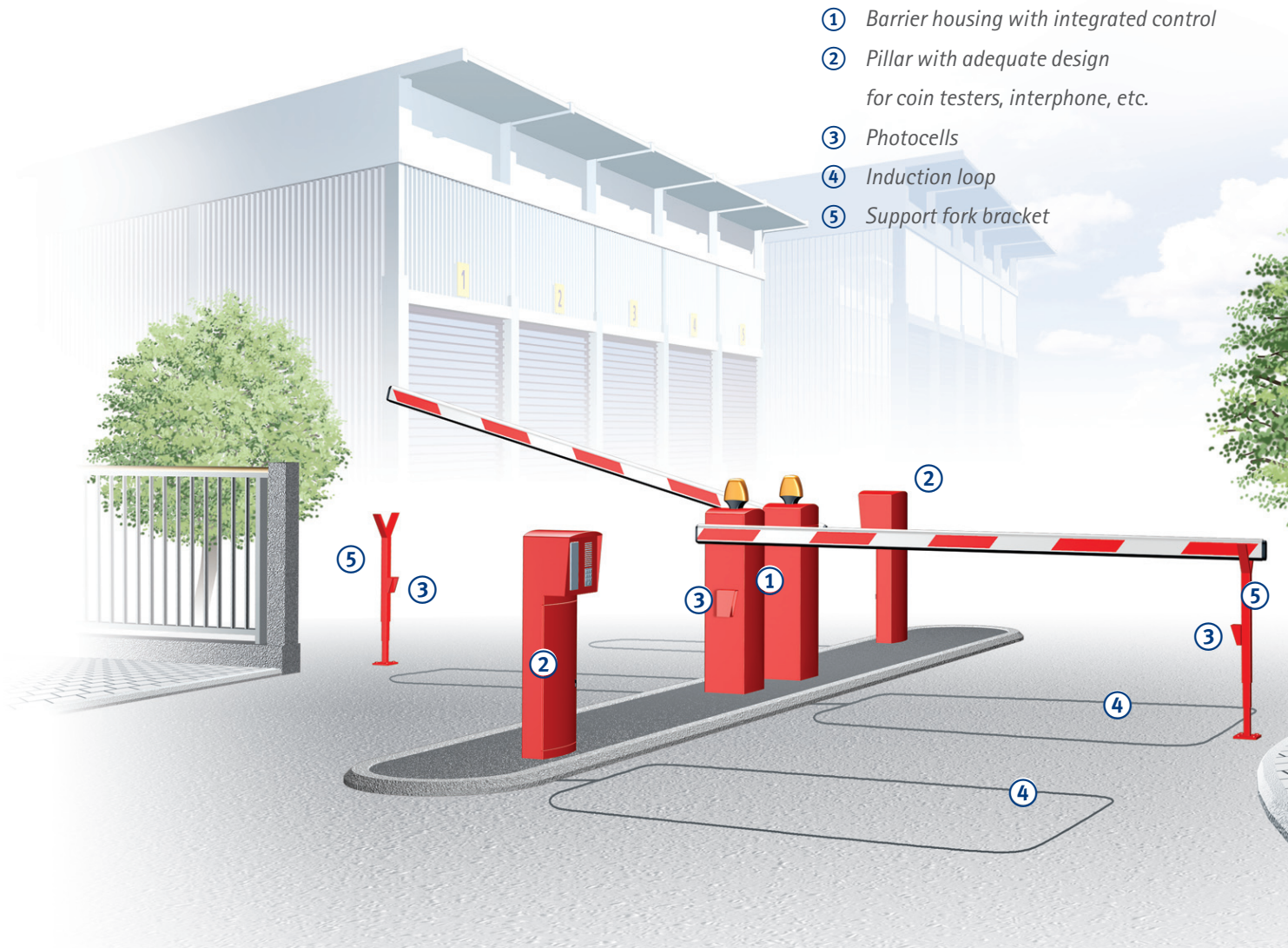
The control ST 12/4 with display and clear text menus



SLIM CR



Limit switches for the Slim CLR and SLR models can easily be adjusted without tools



- ① Barrier housing with integrated control
- ② Pillar with adequate design for coin testers, interphone, etc.
- ③ Photocells
- ④ Induction loop
- ⑤ Support fork bracket

Our pre-mounting, your mounting – time saving!

Barrier PASS 830 *elegant and robust*

Safety accessories:

Induction loop detector

In combination with an induction loop integrated in the roadway applicable as impulse transmitter as well as safety device. E.g. the barrier boom does not close as long as a motor vehicle is located in the swivel range of the barrier



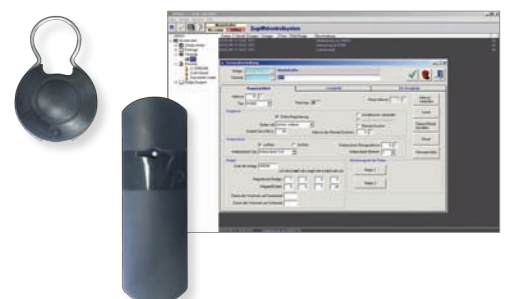
Photocell LS 40

Directly installed below the barrier column, easily applicable for proximity motor vehicle detection and/or as (additional) safety device.



Proximity access control system

In its elegant housing it is a perfect control system for "stand-alone" as well as for the power supply operation. Through a software cards and times can be administered separately.



NEW



Rapid and functional

■ Within 1,5 seconds from 0 to 90°, swelled forms and “transparent” barrier opening provide optical elegance. A robust special gear unit, allowing up to 2.000 cycles with 100% operation frequency, ensures a reliable operation. And in the event that something happens – a power failure for example – you can easily activate the emergency release device of PASS 830 and manually open the barrier. The housing door is easily lockable by using an usual profile half cylinder. Shiny housing standard in attractive colours RAL 3000 red or RAL 9006 white-aluminium.

Pass 830 for barrier booms up to 3.000 mm

Pass 830L4 for barrier booms up to 4.500 mm

Pass 830L6 for barrier booms up to 6.000mm

NEW

For your convenience we deliver PASS 830 optionally

...pre-installed and ready to be put into operation with photocells, key switch, flashing light, etc, integrated or mounted, pre-wired and reviewed ex warehouse.

...in each RAL-colour for the perfect adjustment of ambience or business colours, etc.

Unlimitedly applicable for:

...the protection of properties

...the control of parking areas

...the administration of traffic flows

...intensive use with high-frequency cycles

Recommended Accessories:

...Articulated barrier arm bracket

...support fork bracket

...flash light

...column with PASS 830 design for the integration of impulse emitter or interphone, etc.

tousek



Coin tester

Coin tester for companies and institutions, which want to put parking places at their customers disposal at any time – for these or similar cases the tousek coin tester, integrated in the standard column, is the perfect solution..



Key-switch

This is the perfect solution for owners or permanent tenants. Conventional profile half cylinders can be used



Radio transmitters

The well-designed tousek radio transmitter operates with “the rolling code procedure”, where with each activation of the radio transmitter a new radio code is generated and therefore an unauthorized “reading” of the radio signal is not possible

Radio code lock

Without additional wiring the access is possible to a limited user cycle by transmission of the code.



NEW

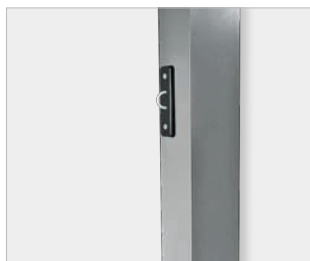
LIFT X – easy and comfortable

Product features

- 12 V technology
- motor and counter pillar made of powder-coated aluminium
- simple installation, already pre-mounted
- any RAL colour possible (optional)
- 20 cycles/day
- pillar dimension: 120 x 120 x 1000mm
- max. closing width 10m
- protection class IP 54
- robust Nylon chain for conventional cars (up to 3,5t)

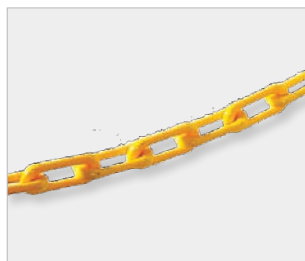


Lifting chain barrier – the useful alternative to barriers



Counter pillar

The LIFT X can be installed easily and fast. Just fasten the end of the chain to a clamp on your house wall. If there is no such possibility then the use of a counter pillar is optionally available. .



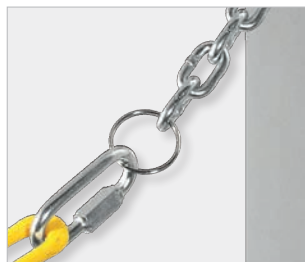
The chain

The chain of the LIFT X is made of nylon which ensures strong stability and durability. The maximum charge of the chain has been developed for cars up to 3.5 tons.



Control incl. receiver

The LIFT X can be operated by remote control. With one single push on the transmitter the chain is lowered and the entrance opened. With another impulse the chain of Lift X is lifted and the entrance is closed again..



Key ring

The key ring which is mounted at the end of the chain serves as predetermined breaking point in case of exterior pressure (e.g. hit by car). The mechanical parts of the LIFT X are therefore preserved.

The tousek garage door operators GTZ 55 and GTZ 100 – maximum safety.

GTZ 55 and GTZ 100 – *The safest way to bring your vehicle “under lock and key”.*

The intelligent control technology of the new tousek garage door operator brings about completely new perspectives.

A special control system was developed. This automatically regulates the power requirements, which differ over the entire functional area. Thus the motor provides only as much power as is actually needed. Special attention was given to a maximum of safety, even in case that the door weight alternates due to weather conditions. The operator is available with toothed belt or chain. The GTZ can be used for all swing-out tilting doors as well as side-sectional and overhead doors, where the powerful motor operates with 550 N tractive force or 1000 N in case of the GTZ 100.

Soft start and soft stop function, automatic reversing in case that the door encounters an obstacle while closing, automatic stop in case that the door encounters an obstacle while opening as well as a DIN-conform photocell inlet are further parts ensuring the safety of this garage door operator.

An automatic lighting system with 230V and the emergency release in the event of a power failure are integrated as a standard.

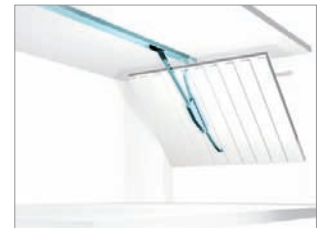


tousek GTZ

Possibilities of use



overhead garage door



Garage door with curved arm

Garage door operators GTZ, TT



The tousek garage door operators TT60 and TT120 – impertinently economical

TT60 and TT120

The strong alternative for intensive use and larger garage doors.

The tousek garage door operators TT60/TT120 for spring balanced single or double garage doors.

Traction force 600 N or 1200 N. Can be used for overhead swing-out and swing-up garage doors, side- and overhead sectional doors with max. five or fifty parking spaces. Maintenance free with rotating stainless steel chain, also optionally available with very quiet belt drive. Low current consumption with the use of a ring core transformer. Separate adjustment for opening and closing forces. The

operator has soft stop and soft start function. The end positions are being adjusted fast and reliable on the spindle limit switch. ARS Automatic Reversal System (reversing of movement) when touching an obstacle during closing of door. ASS Automatic Stop System during contact of obstacle when door is opening. Automatic light. Self-locking gearing, no additional locking necessary. The TT 120 is optionally available with automatic closing and red traffic light connection.



tousek TT

tousek radio system

Comfort and safety in your hand!

- each transmitter is unique
- up to 200m range
- more safety thanks to Rolling Code System
- self-learning technique – easy and user-friendly

Rolling Code

with each activation of the radio transmitter a new radio code is emitted. All previous codes are invalid and will not be accepted anymore. Therefore each code is used only once, which avoids a scanning of the radio signal.

This makes the tousek Rolling Code so safe.

transmitter with 433 MHz

transmitter with 868 MHz



Scale 1:1



Wall transmitter

The wall transmitter has a flat and beautiful design. It can easily be mounted on the wall without any complication and is instantly operational. The power supply comes from the provided batteries.

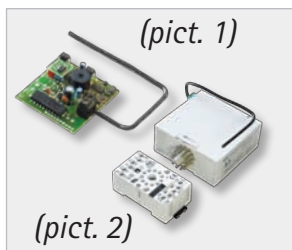


Radio key code pad Torcody

The key code pad Torcody enables a safe opening of your house entrance or garage door without having to search for your key. The code to be entered consists of an eligible 5 digit button combination and 3 channels/buttons can be assigned with a function. The fourth channel is not coded and can be used for the bell. The power supply comes from a conventional 9V battery, no additional supply is needed.



tousek radio system



Pluggable receivers

The receiver board (pict. 1) is the standard 2 channel receiver which is included in any tousek operator kit and is plugged directly into the according tousek control. For DIN-top hat rail (TS 35) the radio receiver with the 11-pole tubular socket is used. (pict. 2)



Signal amplifier

With the signal amplifier the range of the radio signal can be widened up to further 200m. It has a receiver and transmitter unit and needs merely a 230V Schuko socket (German three-wire-socket) for power supply, no other wiring is needed.



Receivers with housing

for external installations from 1 to 4 channels

receivers with housing and cable connection

For other brands 1 or 2 channels



Receivers for other operator brands

this is the easiest way to convert garage door operators to the tousek radio system. Just plug it into the Schuko socket of the operator, connect cable and program the transmitter. Now the garden gate and garage door work with just one remote control.

Safety devices

All tousek door operators are equipped to comply with the maximum of safety. The Automatic Reversing System (ARS) of tousek sliding door operators of the PULL series (except XD) stops in the event of the slightest contact with an obstacle and alternates the running direction of the gate, so that no obstacle will be wedged in. The Automatic Reversing System (ARS) of the tousek operator SLIM stops the gate immediately as soon as its easy running is impaired and reverses. Last but not least: the exact power setting with all our hydraulic swing gate operators SWING is legendary. Due to constructional facts or the compliance of applicable regulations in numerous cases the installation of additional safety devices is required. All tousek safety devices like photocells, safety sensing edges, motion detectors or flash lights have something in common: quality on the highest level for the safety of the customers. Safety is considered completely different due to enormous modifications.



Safety sensing edges

As efficient protection to squashing, sheering and pulling in, safety sensing edges reflect the status of technology. Deliverable in three different widths (adjusted to the corresponding caster of the gate) and where the length is exactly finished, safety sensing edges are durable and frequently tested. Several aluminium profiles facilitate the installation work on the gate or the column. The corresponding evaluation device permanently monitors the safety sensing edge.



Safety devices



Photocell

Photocells are delivered with all tousek operator kits as contactless proximity detectors. High range, easy installation and imperviousness to exterior influences, these are the essential features of tousek photocells. These can, of course, also be subsequently installed to already existing automatic gates.

photocell LS 40



www.tousek.com



Eduard tousek

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 safe

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 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, Jagellonsk 9
Tel: +420/ 222 090 980
Fax: +420/ 222 090 989
Email: info@tousek.cz



tousek Ges.m.b.H Austria



tousek GmbH Germany

www.tousek.com