

tousek Turn 310UF

Automatic  
**Swing Gate Operator**  
*silent & invisible*



Sliding gate operators



Cantilever sl. gate sys.



Swing gate operators



Garage door operators



Barrier operators



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 TURN 310 UF



Electromechanical operator for all types of swing gates for private use

- hot dipped galvanised casement to prevent corrosion
- strong 230V motor
- adjustable soft stop with ST50 control
- up to 400kg leaf weight and 3,0m leaf width
- max. 110° opening angle (optional up to 180°)
- high quality stainless steel case (TURN 310UF/E)
- internal mechanical limit stops



in wood, steel or aluminium, also for subsequent installation



### Marine quality

One of the few visible parts is the motor/gearbox cover. This is made from stainless steel to be maintenance free. Optionally the whole casement is available in stainless steel.



### Emergency release

The operator Turn 310UF locks the gate reliably. The locking can be released easily and enables the manual opening and closing of the gate in case of power failure.



The operator unit of the Turn UF310: all components are made of metal and the axles are carried on ball bearings.



### Integrated limit stop

In order to avoid a limit stop on the floor - which can be dangerous and annoying - the operator has built-in adjustable mechanical limit stops for open and closed position of the gate.

### Two line display

All functions, like impulse operation/automatic operation, partial opening, soft stop etc can be easily adjusted in an English plaintext menu by the means of easily accessible switches making programming easy.

### The operator 310UF

is used when the design of the gate should be preserved. Gates with leaves up to 3m width and 400kg weight are moved by this operator in an invisible way. The strong 230V motor ensures a smooth and powerful motion.

The massive gearing and motor unit in metal are inside an aluminium die cast housing. This is important for a long working life and trouble-free operation.



### Soft stop

In combination with the control unit ST51 the gate stops in both directions with reduced speed. The harmonic gate movement ensures that the mechanical parts of the gate and operator have an increased life expectancy.



### The control unit

The technically innovative microprocessor control unit ST 51 has been developed especially for Turn electromechanical swing gate operators. This modern motor control unit of the latest generation regulates all functions and has various connection possibilities for radio, keypad, intercom system and all usual gate security systems.

The self-locking gearing ensures the gate is locked in every position and therefore an additional locking device is not necessary.\*)

The Turn 310UF can be released in the event of a power failure with the key provided.

\*) depending on the installation it may be necessary to install an electric lock to obtain a fixed latching.

Designation	TURN 310 UF
Max leaf weight	400kg
Max leaf width	3,0m
Integrated limit stops	yes
Speed of rotation	max. 6°/sec
Max rotation angle	110° - optional 180°
Duty cycle	30%
Blocking until leaf width	3,0m
Motor voltage	230V+/-10%

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

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- 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.

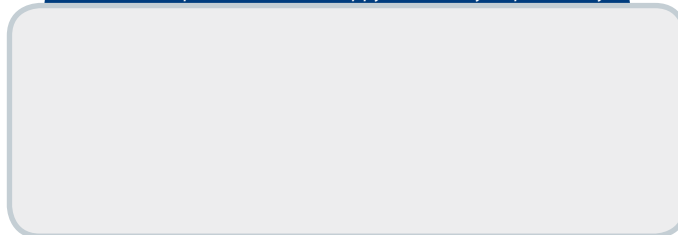
## Compatibility

**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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