

UFO NT

Underfloor operator –
concealed door drive system



Contents.

Introduction to UFO NT	4
Features	7
Applications	7
Testing	7
Smart swing function	9
Summary	10
Certification	11

The new UFO NT underfloor operator – more features, more functionality, more choice.

GIVING DESIGNERS GREATER FREEDOM TO CREATE AESTHETICALLY ATTRACTIVE ENTRANCES THE UFO NT OPERATOR IS PERFECTLY HIDDEN FROM VIEW.

Mounted below the finished floor level it enables maximum transparency of the entrance yet still provides automatic access.

The UFO NT boasts a much wider range of capabilities and features than its predecessor, including manual use via the Smart swing function, a redundant spring system, programmable force settings, greater opening angles and increased leaf weight and widths for both internal and external doors.

Offering flexibility, the UFO NT has a full range of operational functions from fully automatic to manual opening and closing including low energy and Push & Go.

At its core is GEZE's popular automatic swing operator Powerturn.

Using the GEZE Powerturn as the base of this new drive has enabled the features that make the GEZE Powerturn desirable to be incorporated into the UFO NT. This includes operating larger and heavier doors, a smaller drive and control box and the option for effortless manual passage through the door via the Smart swing function.





THE UFO NT HAS BEEN DEVELOPED FROM THE ROBUST AND EFFICIENT POWERTURN SWING DOOR DRIVE.

It boasts a higher closing force which means it is able to accommodate larger leaf widths, and is more versatile than ever due to its higher IP rating for more efficient and protected external door applications.

This new underfloor operator is not handed, therefore making specification, ordering and installation a much more simple process. Its location in the floor makes for an aesthetically pleasing unhindered doorset.

With the new technologies incorporated in the UFO NT operator the possibilities have been vastly broadened. The range of doors the operator can be installed to has been increased thanks to the capability of the Powerturn drive. With the new UFO NT external doors up to 1250mm and internal doors up to 1600mm and a weight limit of 125kg can be easily operated, surpassing the older unit in all areas of performance.

The UFO NT performance figures are not just down to the capabilities of the new operator, but also the adjustability. Now with programmable force, speed and more, the UFO NT ensures that the motor is ready to be perfectly adjusted to the needs of each installation. Utilising the core operator's redundant spring and motor control system, manual use is also now possible. The Smart swing function allows low opening manual forces previously only seen in the GEZE Powerturn, in an underfloor operator.

Simplicity also comes with the UFO NT in terms of specification. Unlike the previous version, the UFO NT is not a handed unit, meaning one drive can be used on both left handed and right handed door sets without the need of multiple part codes.

FEATURES

- Fully concealed under the floor
- Suitable for doors up to 125kg*
- Suitable for doors up to 1250mm width on external doors*
- Suitable for doors up to 1600mm width on internal doors*
- Minimum leaf width 600mm*
- Maximum opening angle 135°
- Fully adjustable opening and closing speed
- Closing force EN 1-4
- IP rating 67
- Extremely reliable powerful operator
- Operator encased in the fully sealed stainless steel enclosure
- Operator weight 20kg
- Quieter than traditional overhead automatic operators
- Enables compliance to the Equality Act and BS 8300.

*Subject to Technical approval

APPLICATIONS

- Particularly suited for buildings where automatic doors are required but with an operator that is not visible
- Can be used for any type of door – glass, wood or metal
- Especially suitable for use where vandalism could be a problem as the operator is fully concealed
- Suitable for retrofitting to existing buildings
- Suitable for all types of buildings – offices, doctors' surgeries, care homes, shops, hospitals, transport hubs, hotels, restaurants and leisure facilities, public buildings

ACTIVATION

Compatible with most activation and safety devices including the touchless proximity switch GC 306 and can be integrated with access control and building management systems.

COMPLIANCE

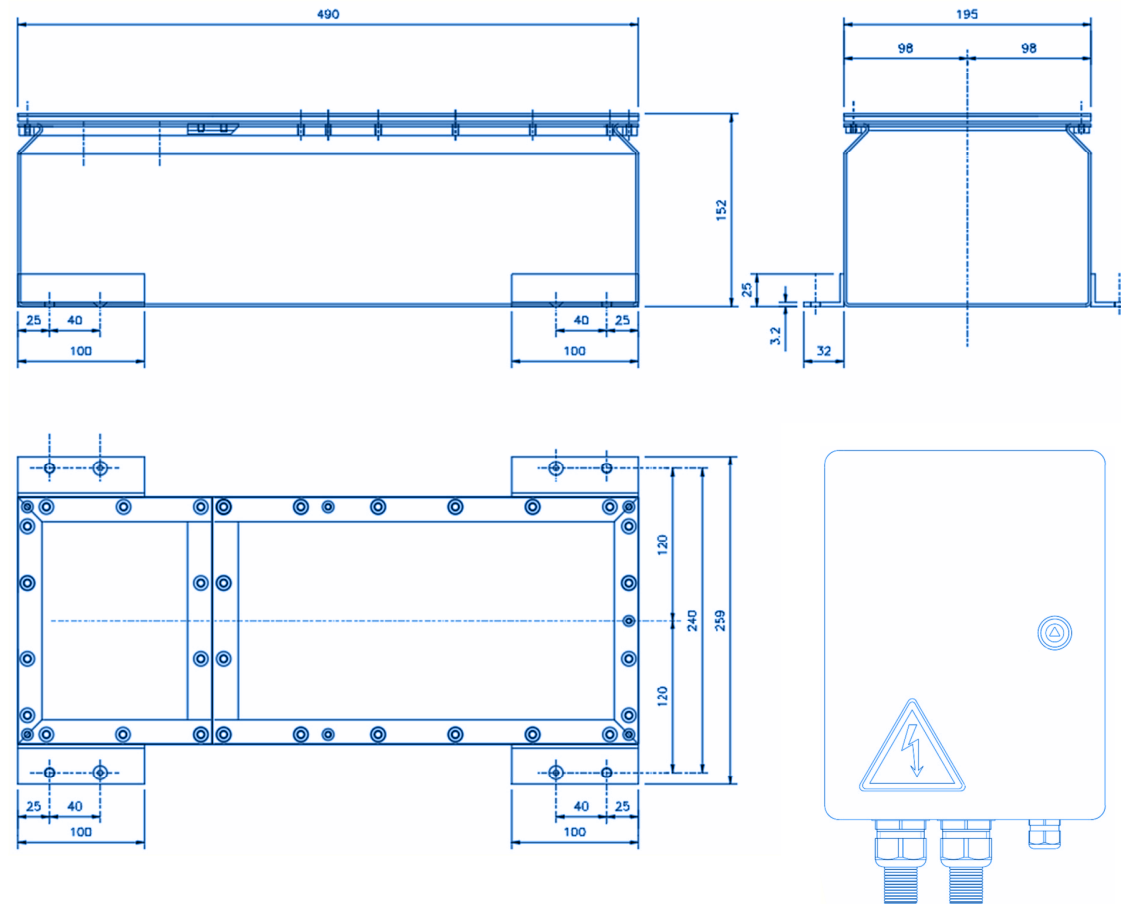
The UFO NT enables compliance to the Equality Act and BS 8300.

TESTING

- CE certified
- DoP certificate



UFO NT.



DIMENSIONS

Drive dimensions
(length x width x height) 490 x 259 x 152mm*

Control box dimensions
(length x width x height) 330 x 250 x 130mm

*plus 62mm for floor tabs



image courtesy of AB Access Control, a Division of AB Glass (Doors and Windows) Ltd

Smart swing function.

GEZE'S UNIQUE SMART SWING FUNCTION ENABLES EFFORTLESS MANUAL PASSAGE THROUGH THE DOOR – FOR ANYONE AND AT ALL TIMES.

The manual use of the UFO NT is made possible by the unique operation of the energy storage system. The spring that ensures the safe closing of the drive in the event of fire is preloaded and kept in this position. It then does not need to be permanently moved during use. This allows even large and heavy doors to be manually opened by anyone with ease. This means that the drive is always the “master of the situation” and closes safely in the event of fire. The Smart swing function also reduces energy costs – in the “permanent hold-open position” as well as in operation.



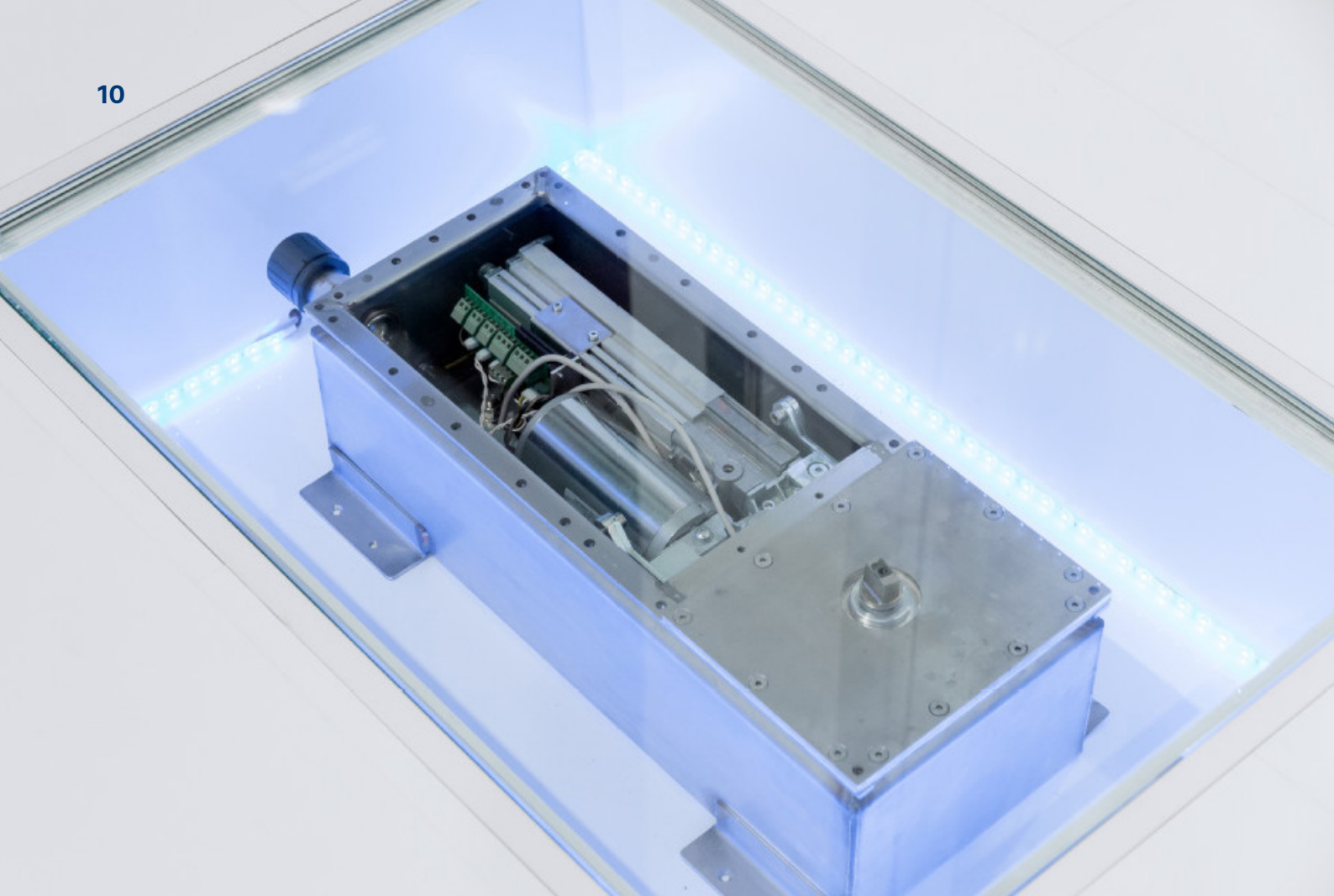
- 1 Allows large doors to be manually operated with ease
- 2 Low energy
- 3 Low opening force

THE UFO NT MARRIES THE HIGHEST DEGREE OF FUNCTIONALITY WITH OUTSTANDING ARCHITECTURAL BEAUTY.

INTERFACES AND CONNECTIVITY

The UFO NT is flexible and can be customised to the respective requirements of the doorset. Being a great team player the operator can be easily connected to the GEZE Cockpit system or even an existing BMS system, as well as providing solutions for many applications such as escape routes and access-controlled doors.





More features.
More functionality.
More choice.

The UFO NT boasts a much wider range of capabilities and features than its predecessor, including manual use via the Smart swing function, a redundant spring system, programmable force settings, greater opening angles and increased leaf weight and widths for both internal and external doors.

Developed from the robust and efficient Powerturn swing door drive, the UFO NT offers greater flexibility and has a full range of operational functions. Its location in the floor makes for an aesthetically pleasing unhindered doorset.

A higher closing force enables it to accommodate larger leaf widths, and is more versatile than ever due to its higher IP rating.

With the new technologies incorporated in the UFO NT operator the possibilities have been vastly broadened. The range of doors the operator can be installed to has been increased thanks to the capability of the Powerturn drive.

The UFO NT performance figures are not just down to the capabilities of the new operator, but also the adjustability. Now with programmable force, speed and more, the UFO NT ensures that the motor is ready to be perfectly adjusted to the needs of each installation.

Certification.

EMV Rhein-Neckar GmbH

Prüfbericht Nr.: 2705-319 vom 03.01.2018 Seite 1 / 38

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Drehtürantrieb
Powerturn UFO

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Deutsche
Akkreditierungsstelle
D-PL 35334-01-00

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TÜV Thüringen Anlagentechnik GmbH & Co. KG 

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Über die Prüfung eines Verbraucherproduktes

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TÜV Thüringen e.V.
Melchendorfer Str. 64
99096 Erfurt

Fertigungsstätte:

Fa. GEZE

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der Firma GEZE

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siehe Seite 2

Prüfgrundlage:

DIN EN 60925; 2014-09

Prüfergebnis:

Das Erzeugnis entspricht allen Forderungen o.g. Prüfgrundlagen.

Der Prüfbericht besteht aus:

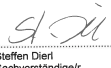
2 Seiten

Dieser Prüfbericht enthält das Ergebnis einer einmaligen Untersuchung an dem zur Prüfung vorgelegten Erzeugnis. Er stellt kein allgemeingültiges Urteil über die Eigenschaften der Erzeugnisse aus der laufenden Fertigung dar. Er berechtigt nicht zur Führung eines Prüfbescheides des TÜV Thüringen. Eine Vervielfältigung oder Veröffentlichung dieses Prüfberichtes ist ohne schriftliche Genehmigung des Prüflabors nicht gestattet.

Arnstadt, den 12.07.2019

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Sachverständiger

Freigabe durch Laborleitung

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Prüfgegenstand / Referenzmuster:
(Bezeichnung, Typ, techn. Daten)

Prüfmuster:

- Netzanschlussplatine A1092C (Sicherung: T2AH)
- Träfo 9-115-002265
- Platine DCU803, 70109-2-0218, Rev. F 07/2016 (F1 10AT)
- Platine DCU800, 70109-2-0217, Rev. F 07/2016
- Platine DCU802
- Platine Antrieb ID: 166921 (im Schaltschrankgehäuse)
- Platine Antrieb ID: 166922 (im Antriebsgehäuse)
- Displayprogrammschalter

Dokumente:

- Benutzerhandbücher UFO NT_185567-00_DE UFO NT_185569-00_EN
- Montage- und Serviceanleitung UFO-NT_185568-00_DE UFO-NT_185629_00_EN
- Anschlussplan UFO-NT_185566-00_DE

Prüfgrundlage:
DIN EN 60335-1 (VDE 0700-1):2012-10
Berichtigung 1:2014-04
Berichtigung 2:2014-11
Ohne Abschnitte 19, 20, 31, 32

Aussage zum Prüfergebnis:

✓

Prüfergebnis:

✓ = Anforderungen werden erfüllt
X = Anforderungen werden nicht erfüllt

Arnstadt, den 25.07.2019


Dipl.-Ing. (FH) Andreas Riess
Sachverständiger

Prüfprogramm für Antriebe (Tore, Türen, Fenster) 

zum Bericht Nr.: 6364/17/04

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- Anschlussplan UFO-NT_185566-00_DE

Prüfgrundlage:
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Arnstadt, den 25.07.2019


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