

«mAccess»
The mechanical access system



since 1863

Glutz



Glutz secure and convenient solutions for people and buildings

The world is changing, as is the way we do business and how we live.

There is increasing demand from our customers for investment security, sustainable construction, connected homes and individual living services. The driving forces behind this development are trends such as digitalisation, increased social mobility and a growing need for security, but also an ageing society. This in turn calls for secure and convenient access solutions that are highly flexible too. The Glutz portfolio meets all these requirements perfectly. It is tailored to meet the challenges of the future and thus enables us to provide solutions for secure and convenient access.

«mAccess» for every kind of building

- ▶ Care homes, hospitals
- ▶ Small and medium-sized companies
- ▶ Administrations and local authorities
- ▶ Educational facilities, schools and nurseries
- ▶ Industrial and service companies
- ▶ Apartment buildings
- ▶ Detached properties
- ▶ Restaurants and hotels



Access solutions from a single source

Glutz is an internationally renowned manufacturer that offers consistently high-quality solutions for secure and convenient access.

Glutz has been developing and producing innovative, durable and flexible access systems in Switzerland since 1863 and also operates in Germany, Austria and the UK. The Glutz product portfolio covers every need, from the first door to the last door in any building.

Our solution portfolio



Fittings

- ▶ Comprehensive range of fittings in various designs and colours
- ▶ Also for exterior doors and doors requiring increased protection against fire, break-ins, etc.
- ▶ Universally combinable components
- ▶ High-quality manufacturing
- ▶ Durable and hard wearing



Access systems

- ▶ Mechanical and electronic access systems
- ▶ Wireless online technology
- ▶ Various access media, such as key fobs, combination keys, ID cards, PIN codes, etc.
- ▶ Simple and cost-effective retrofitting
- ▶ Easy to use and to program
- ▶ Consistent design with a range of fittings
- ▶ Can be used in new builds as well as in existing buildings



Locks

- ▶ Certified quality and long lifespan
- ▶ Extremely quiet, thanks to latch damper
- ▶ Also with panic function B, D and E and burglary protection to RC4
- ▶ Combinable with the full range of fittings and access options
- ▶ Wide range of products for internal and external full-leaf doors

«mAccess» Mechanical, systematic locking

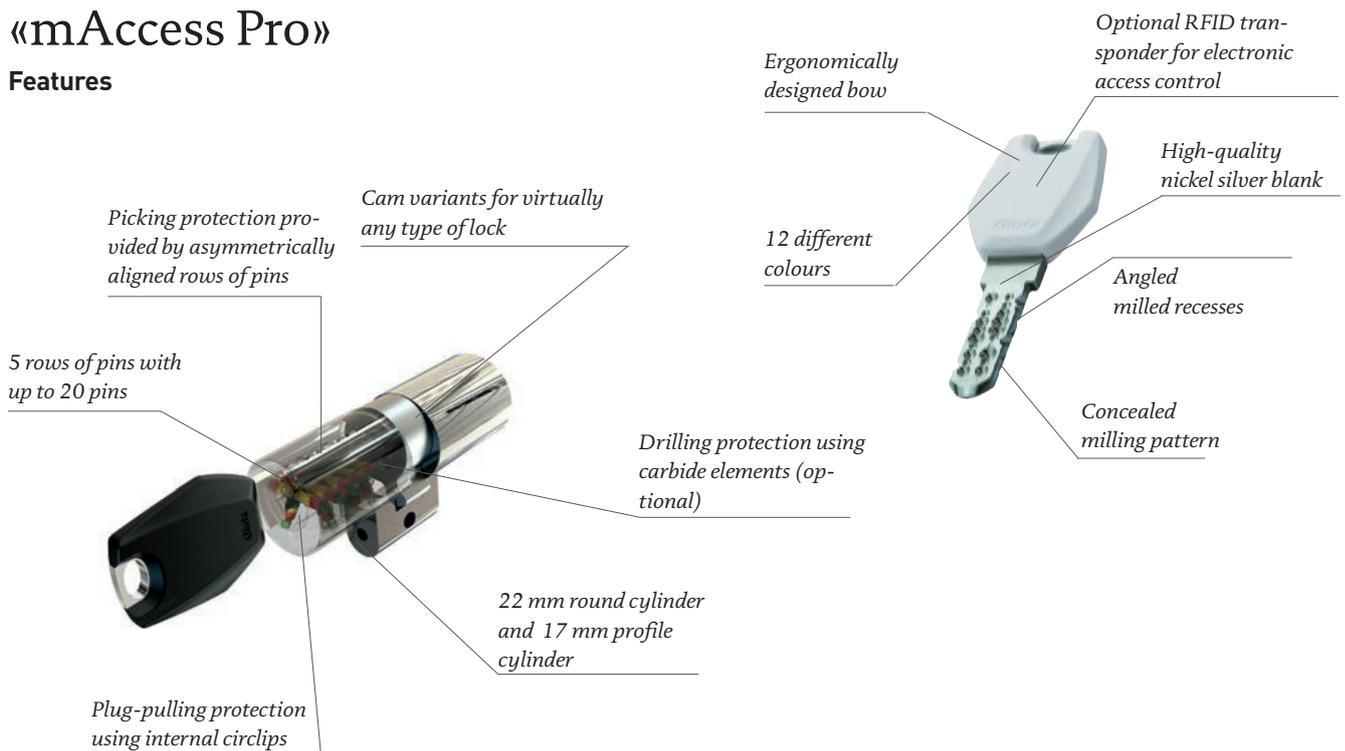
Extremely robust, convenient and manufactured to the highest Swiss quality standards: the Glutz «mAccess» mechanical locking system meets the strictest requirements in terms of your building's security. Its two product versions meet every need.

Choose «mAccess» Basic for simple locking points that don't require key copying protection. The registered «mAccess Pro» system, with copying protection and options for connecting to electronic systems, is ideal for more demanding keying systems.

	«mAccess Pro»	«mAccess Basic»
Area of application	Individual locks through to complex keying systems with high security demands	Individual locks and simple keying systems with low security demands
Registration	Yes	No
Patent protection	Yes	No

«mAccess Pro»

Features



Optimum copying protection for complex keying systems

Illegal key copying just got much harder – thanks to its clever design, the «mAccess Pro» system offers maximum security for detached properties, apartment buildings, commercial and office buildings, schools, universities, restaurants and hotels.

The five pin retention rows in the cylinder allow the use of up to 20 pairs of spring-mounted pins in various different lengths and positions. The key profile with its high-precision angled recesses enables the configuration of the most complex lock combinations. Thanks to its variable, indeterminable pin

alignment, the key provides optimum copying protection. «mAccess Pro» also prevents unauthorised re-ordering of keys by using security cards, as well as web-based registration and authorisation mechanisms.

Last, but not least, «mAccess Pro» has a streamlined interface and is easy to extend. Thanks to the optional RFID transponder, which can be integrated into the key bow, the system can be connected quite easily to electronic access, time recording and catering systems.

Simple registration and management

Security card

A security card is included with your «mAccess Pro» system. It gives all the relevant system information and enables you to register at www.mAccess.ch.

Registration code

A protected registration code ensures that you alone as the system owner have access to the valid code.

Registration

Once you have registered at www.mAccess.ch, it is guaranteed that only people with the matching authorisation can order duplicate keys.



The image shows a registration card for the Glutz mAccess system. The card has a blue header with the logo and the title "Registrierung / Enregistrement / Registrazione / Registration". Below the title, there are several fields for registration information, each with a label in multiple languages (German, French, Italian, English) and a corresponding input box. The fields are: "Schliessanlage / plan de fermeture / piano di chiusura / Key Plan", "Schlüssel-Nr / No clé / No chiave / Key No", "Gruppen-Nr / No du groupe / No gruppo / Group No", "Version / Versione", "Partner / Partenaire / Contraente / Partner", and "Registriercode / Code d'enregistrement / Codice di registrazione / Registration code". At the bottom right, there is a barcode area containing the registration code "2512-1972-1630".

Lost and found service

Lost your key? No problem – thanks to the registration of your keying system, together with all of its keys, the owner of a found key can be identified at any time. The finder hands over the key to Glutz – we then forward it immediately to you.



Extend with «eAccess», the electronic wireless online access system

The mechanical «mAccess Pro» locking system can be combined quite easily with the cutting edge wireless controlled «eAccess» access system by Glutz. The RFID technology in the «mAccess» keys provides the link.

Plug-and-play. eAccess by Glutz revolutionises access. Just a few clicks of a mouse is all you need to control access to all the rooms in your building and the doors will open for all authorised people, without using keys.

Living and working without barriers – and perfectly securely: as a virtually unrestricted, scalable and comprehensive solution, the system can be adapted seamlessly to meet all your needs and fit any structural conditions.

User-friendly software for easy programming

One PC, one set of cards and a NET wireless dongle – that's all you need to program «eAccess» throughout an entire building. Just plug the NET wireless dongle into the USB port on a PC. The user-friendly software will record all the «eAccess» components within wireless range of the dongle so that the desired characteristics can be assigned and the individual identification devices programmed with just a click of a mouse. The input is sent to the identification devices at the access points by the NET wireless dongle. NET Repeater Plus units can be used to cover distances in excess of 30 metres. Card programming is sufficient for simpler installations.

Take advantage of the cost-effective mechanics and flexible electronics, combined in a single access solution.

«eAccess»

This **electronic access system** is recommended when a locking solution needs to offer flexibility and defined access authorisations (e.g. time profiles).



«mAccess»

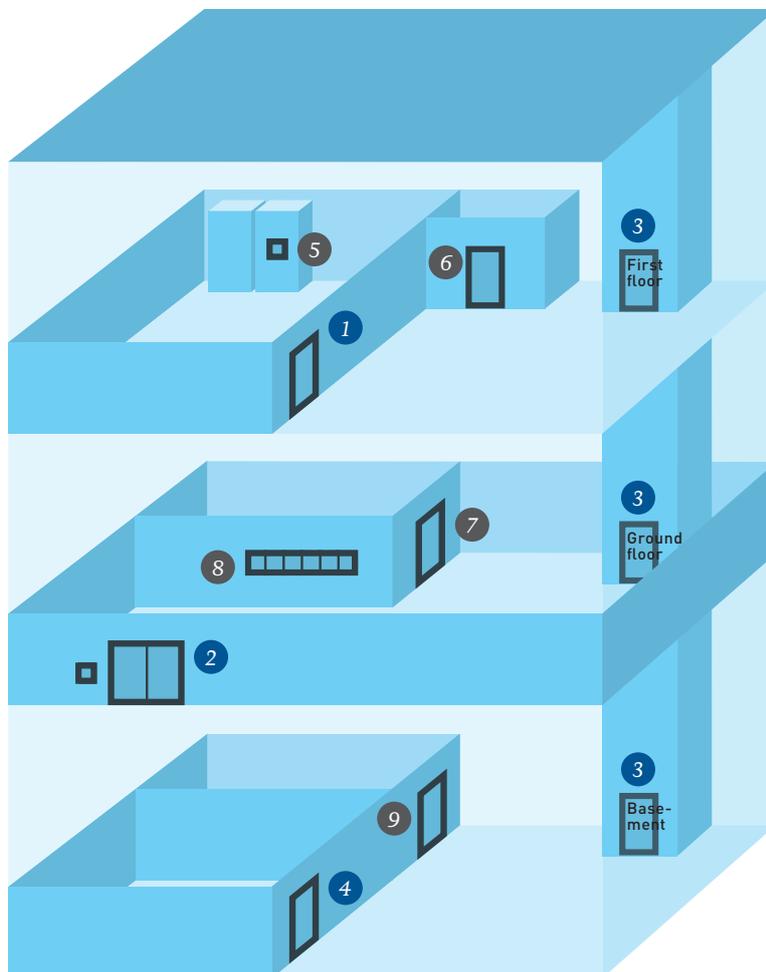
This **mechanical access system** is recommended when authorisations do not need to be changed and the cost-effectiveness of the locking system is a priority.

1
Premises with sensitive data and requiring traceability of access using E protection fitting

2
Main entrance doors with E-reader and mechanical half cylinder for emergency opening

3
Lift with IP40 E-reader

4
Garage with IP55 E-reader



5
Cupboards with lockable turns

6
Caretaker's room with thumbturn cylinder

7
Double cylinder for apartment entrance door

8
Mailbox with locking cylinder

9
Cellar with thumbturn cylinder

Benefits of «mAccess»

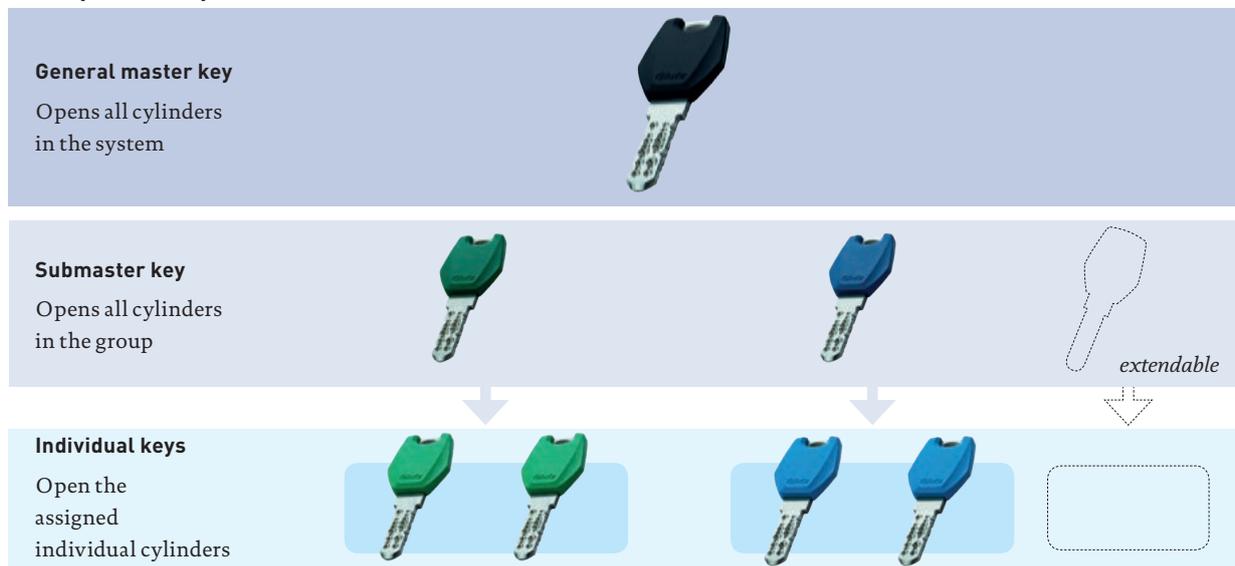
- ▶ High level of protection against key copying thanks to the security card and high-precision, concealed angled milled recesses and patent protection
- ▶ Robust, high-precision Swiss quality
- ▶ «mAccess» keying systems can be extended at any time and integrated with «eAccess» access systems
- ▶ Low maintenance
- ▶ You can specify users' access authorisations using simple project or conceptual locking plans
- ▶ The five rows of pins with up to 20 simultaneously usable pin positions – fitted with up to four pin lengths – enable the creation of sophisticated locking plans
- ▶ Pins used to identify keys are made from wear-free, hardened steel (optional)
- ▶ Hybrid system: unrestricted use in cylinders with 22 mm Swiss round profile and 17 mm Euro profile
- ▶ The comprehensive range includes door cylinders, furniture cylinders, padlocks, appliance cylinders, switch cylinders and lockable turns in various colours and sizes

Traditional and conceptual lock plans made easier with «mAccess».

Traditional lock plan

	Key designation	Units	Room									
			House entrance, ground floor	Cellar entrance, basement	Building services, basement	Apartment, ground floor	Apartment, first floor	Apartment, top floor	Basement apartment, ground floor	Basement apartment, first floor	Basement apartment, top floor	
used by												
Master key	100	3	X	X	X	X	X	X	X	X	X	X
Building services	199	3	X	X	X							
Apartment 1, ground floor	101	4	X	X		X			X			
Apartment 2, first floor	111	4	X	X			X			X		
Apartment 3, top floor	121	4	X	X				X				X

Conceptual lock plan



Overview of mechanical access systems

	«mAccess Pro»	«mAccess Basic»
System features	<ul style="list-style-type: none"> ▶ Reversible key system ▶ 5 rows of pins with up to 20 locking pins ▶ Registered system with security card for buying duplicate keys ▶ Design protection and patent ▶ Individual and system locking ▶ Concealed milling pattern 	<ul style="list-style-type: none"> ▶ Reversible key system ▶ Up to 3 rows of pins with up to 12 locking pins ▶ Unregistered system ▶ Individual and system locking with security card for purchasing duplicate keys
Keys	<ul style="list-style-type: none"> ▶ Reversible key (nickel silver) ▶ Reversible key with design bow in 12 different colours ▶ Reversible key with design bow and RFID transponder ▶ MifareDesfire EV1/EV2 4 kB, 13.56 MHz ▶ Patent 	<ul style="list-style-type: none"> ▶ Reversible key (nickel silver)
Versions		

Door cylinders



Furniture and locking cylinders



Furniture locks



Versions	Double, half and thumbturn cylinders
Profile	PZ profile cylinder
Variants	Special drive cam, gearwheel drive cam
Protection class	Plug-pulling protection as standard Drilling guard as standard Drilling protection optional
Extensions	Basic length 62 mm, can be extended in 5 mm increments
Certification	Certified according to EN 1303
Versions	Double, half and thumbturn cylinders
Profile	CH round profile
Variants	Special drive cam, gearwheel drive cam
Protection class	Plug-pulling protection as standard Drilling guard as standard Drilling protection optional
Extensions	Basic length 65 mm, can be extended in 5 mm increments
Certification	Certified according to EN 1303
Versions	Screw-on and locking cylinder
Application	Cabinet doors, lockers, mailboxes, office furniture
Accessories	Various security lock washers and deadbolt versions
Versions	Recessed locks, screw-on locks, espagnolette locking devices, catch locks, bolt locks
Application	For all types of furniture, e.g. lockers, drawers

Turns



Switch cylinders



Window locks



Special applications



Versions	Lockable turns, blank turns
Application	Various shapes Cabinet doors
Versions	Cylinder switch and switch cylinder
Application	Rotary switches, electric light and contact switches, swivelling contacts, control panels
Variants	Various key removal positions and tail pieces
Versions	Window handles, window locks
Application	Compatible with all tilt and turn fittings for securing windows and French windows
Version	Padlock
Application	Padlocks for cellar doors, fences

Glutz AG

Segetzstrasse 13, 4502 Solothurn, Switzerland
Tel. +41 32 625 65 20, Fax +41 32 625 65 35
info@glutz.com, www.glutz.com

Glutz Deutschland GmbH

Schmalenhofer Strasse 61, 42551 Velbert, Germany
Tel. +49 2051 8013 51-0, Fax +49 2051 8013 51-15
info-de@glutz.com, www.glutz.com

Glutz GmbH Austria

St. Oswalder Strasse 5c, 4293 Gutau, Austria
Tel. +43 7946 20506, Fax +43 7946 20506-10
info-at@glutz.com, www.glutz.com

Glutz UK Ltd.

11 Finch Drive, Springwood Industrial Estate
Braintree CM7 2SF, United Kingdom
Tel. +44 1376 348 808, Fax +44 1376 348 848
info-uk@glutz.com, www.glutz.com

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