



EUROmodul
MODULAR BUILDINGS

**AUTOMATIC SELF-CLEANING
PUBLIC TOILETS**

GENERAL

Automatic public toilets are suitable for use in urban centers, villages, camps, etc... For this purpose, they are designed as prefabricated automatic toilets - as a public facility with its functionality, shape, materials which contribute to the center and its diversities - that can be set up in completely different environments, village, suburbs, housing areas, on public roads, historic or other places.

With construction equipment and classical equipment they are part of second price categorie. For this reason, some customers want classical not an automated equipment.

In classical / manual public toilets it's installed non-automatic equipment, with the exception of the standard of the washing and drying hands. Furthermore ceramic toilet bowls, are standardly installed or optionally stainless steel elements, ceramic or stainless steel sinks and urinals. It is also possible to install other automatic devices.

In manual public restrooms, there is no automatic floor cleaning with drainage so aluminium ribbed sheet metal or ceramic is used as floor surface. The only drainage in the floor area is the siphon into the sewer.

Manual public toilet / restroom layouts for men - women and disabled persons. Toilet user spaces are defined by EUROmodul standard layout types from 601 to 605. Standard layouts are in accordance to German DIN standard.

BASIC TECHNICAL SPECS

All restrooms / public toilet types are designed and manufactured according to regulations, DIN and HR standards and the regime of ISO 9001:2008 standards.

Bearing, inner, invisible structure are made of galvanized cold formed steel profiles in the quality of steel St 37.3 according to DIN standards 17100th

The dimensions of objects in width and height according to the ISO standards (width 2438 mm, height 2600 mm) which allows all transport vehicles including within the canvas of the truck and meet the DIN 18024-1. Length of buildings are designed by the quantity of customer premises.

ROOF 2.00 kn/m² UNDER: 0.32 W/m²K the standard version

FLOOR 2.50 kn/m² ROOF: 0.37 to 0.23 W/m²K

WALLS 0.50 kn/m² WALLS: 0.41 to 0.34 W/

FOUNDATION AND INSTALLATION

EUROmodul is delivering classic public toilet - fully completed and equipped with functional equipment, software and hardware installations and built sewers, water and electricity system. Preliminary delivery of classic public restrooms, EUROmodul submit a technical documentation of foundation and installation. Based on technical documentation, client is obligated to provide foundation and installation.

For a smooth and easy access of a wheelchair, it is necessary to ensure a flat surface of a front ramp to enable entry into the toilet

DAILY MAINTANANCE

For secure work of classic public toilet, its todayly check out is necessary:

- inspection of user cabins, toilets, sinks, mirrors, clean floors and walls
- emptying trash
- amendments to the tank liquid hand soap
- completion of toilet paper
- visual inspection of sanitary premises
- lighting, sink, hand dryers, litter bins, etc.
- notifying technical personnel in the event of vandalism or failure.

technical maintenance

Performs certified person, monthly, annual or extraordinary - preventive or due to vandalism.





SAFETY through technology

TOILET SEAT _ DISINFESTION PROCESS

picture 1 - 4

after the user leaves the toilet cabin, toilet seat moves to the technical space for disinfection process.

picture 5 - 6

toilet seat is being washed with high pressure combined with disinfection liquid.

picture 7 - 10

toilet seat moves back to original position while the drying process dries the toilet seat with high pressure blowers.

MOVE IN _ DISINFECT

DRY _ MOVE OUT



1.



2.



3.



4.



5.

DISINFESTION PROCESS takes only 20 seconds

6.



7.



8.



9.



10.





AUTOMATIC TOILET _ USER SPACE LAYOUTS

+ automatic public toilet user spaces (651 - 655)

Automatic public toilet / restroom layouts are adopted for men - women and disabled persons. Toilet user spaces are defined by EUROmodul standard layout types from 651 to 655.

■ DIN 18024 / 1

Layouts are in accordance to German DIN 18024 / 1 standard which defines the position of the toilet bowl in the top left corner of the toilet user space in automatic or classic public toilet.

■ individual layout (according your design)

EUROmodul standard public toilet layouts can be modified on your request. Request toilet layout modification according to your needs by phone or email.

+ Features

Toilet bowl flushing and toilet seat disinfection are made automatically with the patented device Magic Box II. After the automatic process, the toilet seat is completely clean, dry and ready for use.

Floor is washed through nozzles which spray water in the floor area, particularly in the field around the toilet bowl. Wash basin standardly incorporates a device which automatically cleans user's hands without contact. The module incorporates a water dispenser, soap dispenser and hot air dryer. All is operated by sensors.

Automation is also present in entrance doors (opening / closing), presence and duration of stay of toilet users, especially the safety of users - an alarm for help in case of accidents and panic lighting. Installed automatic devices significantly affect the savings of water and electricity. Heating is made with an automatic processor (GREEN).

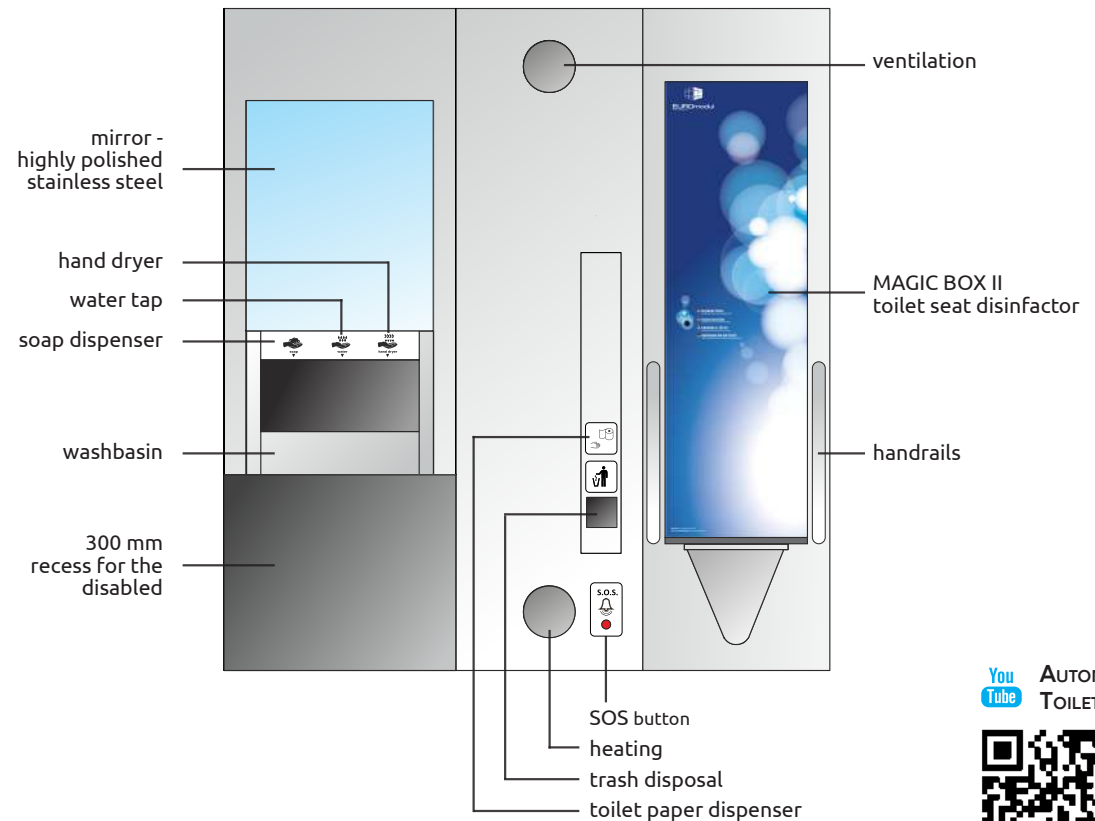
Automatic public toilet / restroom is fully automatic and self-cleaning in the toilet area. Self-cleaning parts ensure that the toilet seat is always clean and fresh for each user.

Restroom is fully accessible for wheelchairs and baby carriages. Space can optionally be equipped with a unit for baby changing and optional 24-hour support - help for emergencies.

Last 15 years of developing, testing, details quality enhancing is a result of EUROmodul long experience that gives to client and toilet user environmentally friendly products which save water and electricity.

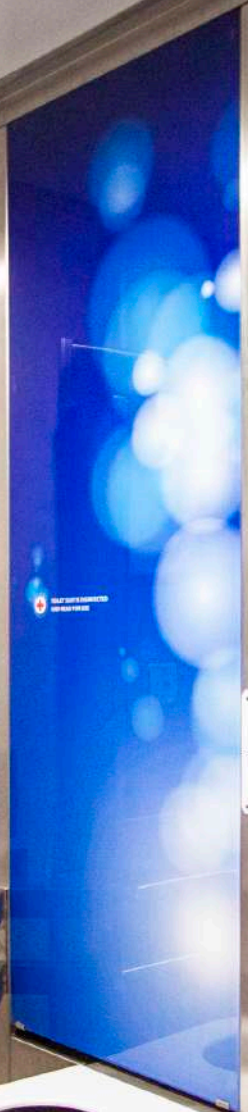
Quality is recognized by many customers in the World, where our automatic and self-cleaning public toilets are installed on different locations such as: **Switzerland, Germany, Armenia, Ukraine, Russia**, etc...

automatic user space preview according DIN 18024/1



YouTube AUTOMATIC TOILET





EXTRA SKYL

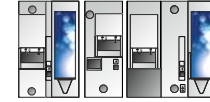
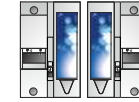
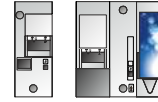




PUBLIC TOILET

general equipment _ overview

WALL VIEW _



651

652

653

654

655

LAYOUT TYPE _

AUTOMATIC (3,8 x 2,4 m)

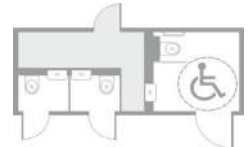
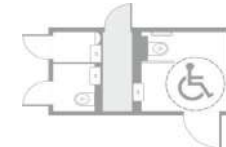
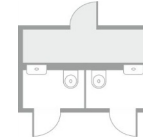
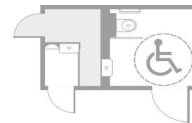
AUTOMATIC (4,1 x 2,4 m)

AUTOMATIC (3,3 x 2,4 m)

AUTOMATIC (4,7 x 2,4 m)

AUTOMATIC (5,8 x 2,4 m)

STANDARD LAYOUT TOP VIEW _



INTERIOR

walls

HPL laminate (fundermax) Interior laminate Fancy Decor type 0495

✓

✓

✓

✓

✓

stainless steel AISI 304

□

□

□

□

□

stainless steel AISI 316

□

□

□

□

□

steel RAL colour - on individual request

□

□

□

□

□

ceiling

HPL laminate (fundermax) Interior laminate Fancy Decor type 0495

□

□

□

□

□

heating

electrical heater with LCD manual operated thermostat

✓

✓

✓

✓

✓

other heating methods - on request

□

□

□

□

□

standard floor

ceramic tiles, non slip

✓

✓

✓

✓

✓

non slip aluminium lamels

□

□

□

□

□

PVC

□

□

□

□

□

non slip rubber

□

□

□

□

□

floor washing disinfection system

AUTOMATIC FLOOR CLEANING - non slip aluminium lamels, programmable cleaning

□

□

□

□

□

AUTOMATIC FLOOR CLEANING stainless steel grills

□

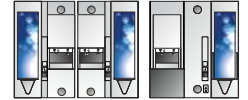
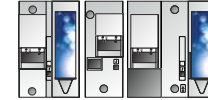
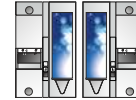
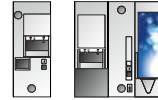
□

□

□

□

WALL VIEW _



651

652

653

654

655

LAYOUT TYPE _

AUTOMATIC (3,8 x 2,4 m)

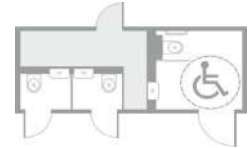
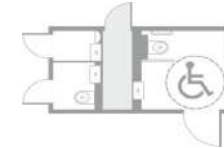
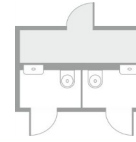
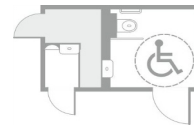
AUTOMATIC (4,1 x 2,4 m)

AUTOMATIC (3,3 x 2,4 m)

AUTOMATIC (4,7 x 2,4 m)

AUTOMATIC (5,8 x 2,4 m)

STANDARD LAYOUT TOP VIEW _



EXTERIOR

facade

TECH WOOD facade with stainless steel columns

Other materials and colors on request

✓

✓

✓

✓

✓

entrance

doors are opened to outside

FREE ENTRANCE -user can enter by pressing entrance key on info display when nobody is inside (GREEN indicator on LED display) and doors automatically open. After entrance, doors are selfclosing and automatically locked (RED indicator on LED display)

✓

✓
(urinal is opened manually)

✓

✓
(urinal is opened manually)

✓

slide doors (only disabled)

FREE ENTRANCE -user can enter by pressing entrance key on info display when nobody is inside (GREEN indicator on LED display) and doors automatically open. After entrance, doors are selfclosing and automatically locked (RED indicator on LED display)

□

□

✗

□

□

additional options

coin payment (for all entrances)

□

□

□

□

□

payment with LCD, printer / receipt, coins and paper money acceptor, money return

□

□

□

□

□

EURO keylock for disabled persons free toilet cabin entrance (combined with coin payment)

□

□

□

□

□

CITY LIGHT wall mounted - unit price

□

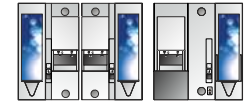
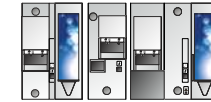
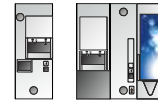
□

□

□

□

WALL VIEW _



651

652

653

654

655

LAYOUT TYPE _

AUTOMATIC (3,8 x 2,4 m)

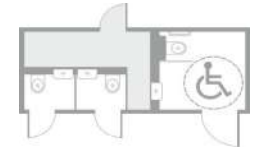
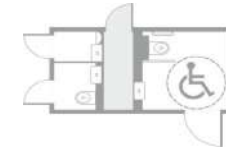
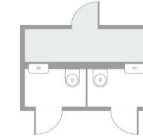
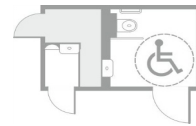
AUTOMATIC (4,1 x 2,4 m)

AUTOMATIC (3,3 x 2,4 m)

AUTOMATIC (4,7 x 2,4 m)

AUTOMATIC (5,8 x 2,4 m)

STANDARD LAYOUT TOP VIEW _



equipment (according DIN 18024)

inbuilt stainless steel module for hand washing, antivandal, consisting of sink, no-touch soap doser, no-touch hand washing, no-touch hand drying	✓	✓	✓	✓	✓
stainless steel toilet seat (antivandal) with automatic cleaning - MAGIC BOX II DESINFECTOR UNIT with hi-pressure, low and programmable water consumption	✓	✓	✓	✓	✓
extra toilet bowl flush button, programmable water consumption	□	□	□	□	□
power saving lights	✓	✓	✓	✓	✓
ventilation	✓	✓	✓	✓	✓
litter bin antivandal - cleaning from the technical space	✓	✓	✓	✓	✓
toilet paper holder - refilling from technical space	✓	✓	✓	✓	✓
baby changing foldable stainless steel table (only in disabled toilet space)	□	□	✗	□	□
hot water boiler	□	□	□	□	□
air condition	□	□	□	□	□
panic light - battery operated	✓	✓	✓	✓	✓
clothes hanger	✓	✓	✓	✓	✓
stainless steel handles for disabled persons with adequate rotating space (according drawing) and toilet paper holder	✓	✓	✗	✓	✓
* SOS panic push button with audio-visual signs and door opening (disabled space only)	✓	✓	□	✓	✓
** water pressure and power supply monitoring for toilet operation	✓	✓	✓	✓	✓
toilet sign for suitable users - on exterior facade	✓	✓	✓	✓	✓
air freshener	✓	✓	✓	✓	✓
inner display - timer for maximal toilet use (15 minutes or programmable)	□	□	□	□	□
Unique A - dispenser of toilet paper, litter bin, air freshener	□	□	□	□	□
**** GSM system for toilet usage and service control	□	□	□	□	□
**** tank for location without sewage	□	□	□	□	□

* doors are opened depending on what type of door is offered

** without power or water supply info display sign 'out of use' (ORANGE LED)

*** predefined time when toilet is not opened for public (ORANGE LED on info display)

**** individual made according customer needs

legend

✓ as standard

□ on request

✗ not offered

EUROmodul has been testing public toilets equipment for more than **25 years**, making it user – friendly and longterm customer satisfactory

ANTI VANDAL CHARACTERISTICS

Anti-vandal characteristics are on the top priority list when longterm usage and durability are concerned. The anti-vandal concept that EUROmodul provide in it's public toilets consists of several mayor achievements.

USER SPACE EQUIPMENT _ THE LIST



MAGIC BOX II DESINFECTOR UNIT stainless steel toilet seat (antivandal) with automatic cleaning - with hi-pressure, low and programmabile water consumption



inbuilt stainless steel module for hand washing, antivandal, consisting of sink, no-touch soap doser, no-touch hand washing, no-touch hand drying



extra flush toilet button, programmabile water consumption



power saving lights



ventilation



litter bin (antivandal) - cleaning from the technical space

SANITARY EQUIPMENT INBUILT IN WALL - INSIDE TECHNICAL ROOM

sanitary vital elements are protected with inbuilt system that provides no equipment or elements intalled on the inner walls where can be easily broken, stolen or vandalised.

DURABLE, QUALITY MATERIALS

sanitary elements are manufactured from stainless steel (AISI 304 or 316) material carefully designed with anti-vandal proof characteristics.



toilet paper holder - refilling from technical space



baby changing table, foldable, stainless steel



hot water boiler



air condition



panic light - battery operated



clothes hanger



stainless steel handles for disabled persons



SOS panic push button with audio-visual signs and door opening (disabled space only)



air freshner

Unique A - dispenser of toilet paper, litter bin, air freshner inner display - timer for maximal toilet use (15 minutes or programmabile)

Magic Box II independent automatic toilet seat disinfectant

MAGIC BOX II INDEPENDENT TOILET SEAT DESINFECTOR MODULE

PATENTED device acts as „heart“ of automatic self cleaning public toilet and as separate self cleaning toilet seat / bowl unit with installation in different finished buildings as hospitals, railway stations, public bus platforms, shopping malls, etc..

Last 25 years of developing, testing, details quality enhancing is result of EUROmodul long experience that provides to a client / public toilet user enviromentally friendly product wich saves water and electricity.

Magic Box II will automatically flush toilet bowl and start disinfection of toilet seat process after the user leave toilet cabin.

While toilet seat is inside technical space of **Magic Box II** modul, its treated with high pressure water and disinfection liquid. Drying process is automatically started after liquid treatment and blower is drying toilet seat while mechanisam is moving it to user ready position.

Our quality is recognize by many customers in the World where our self cleaning units and self cleaning public toilets are installed. You can find them in **Switzerland, Germany, Armenia, Ukraine, Russia, Croatia**, etc...



YouTube

explore latest videos and subscribe for more on our official YouTube channel !

YouTube VIDEO



YouTube SUBSCRIBE



automatic HandWash basin

offers maximal individualisation and personification



ANTI-VANDAL HANDWASH BASIN

Public toilet hand washing basin is inbuilt module which is present in configurations as part of standard equipment in classic, vacuum and automatic public toilets - restrooms which consists of:

- anti vandal stainless steel imbuilt HandWash basin
- soap dispenser, sensor operated
- water tap, sensor operated
- hand dryer, sensor operated
- anti vandal stainless steel or glass mirror

HandWash basin functions are marked by pictograms. Pictogram stickers are mirror printed behind plexiglass for better resistance against anti vandal force

ADVANTAGES AND INSTALLATION

EUROmodul developed concept of hand wash basins for easy installation in already existing public toilets. Client needs to remove existing ceramic basin and replace it with our system. Anti vandal hand wash unit has many advantages instead of ceramic, traditional basin:

- innovative design and usage
- enviroment friendly: save water, electricity and soap
- fast installation
- anti vandal concept
- lifetime, durable stainless steel material

DESIGN AND CUSTOMISATION

if you are not preferring stainless steel look, we are able to provide you hand wash basin in any RAL color chart. Powdercoating will protect stainless steel surface and adopt colors to your toilet interior design.



PLC _ automatic WC

brain and mind

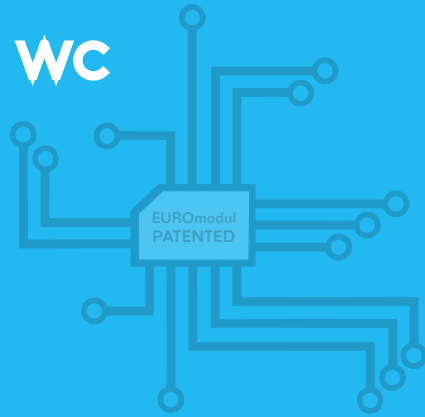
PLC central unit

„Brain“ is centralised in technical room, controlling all vital elements of automatic public toilet.

THE FUNCTION _ BRIEFLY

PLC controls all standard and additional elements of automatic public toilets which are; toilet seat cleaning, sliding doors, lights, heating and cooling, SOS, GSM, service and usage statistics are monitored, re-programmed and checked through EUROmodul's own individually developed software with touch screen menu.

EUROMODUL OS IS USER-FRIENDLY AND PROVIDE EASY CONTROLL AND PARAMETER CHANGES TO INDIVIDUALISE TOILET OPTIONS.



UNIQUE – A

patented design

WASTE BIN and PAPER DISPENSER

We developed anti-vandal system of toilet paper dispenser combined with litter bin disposal, air fresh device and needles / syringes waste bin. The element is installed on-wall between user space and technical space.

The advantage of using our system is to combine all needed toilet equipment in one place which saves toilet user space and time of usage per user.

This product is exclusively manufactured and distributed by **EUROMODUL** Ltd and can be installed also on-wall in already existing public toilets on airports, railway stations, clubs, etc.

Other than stainless steel material, toilet unique modul can be powdercoated in any color upon RAL chart. Anti-vandal signs are adopted individually upon RAL color of construction.

automatic sliding door

patented design and mechanics

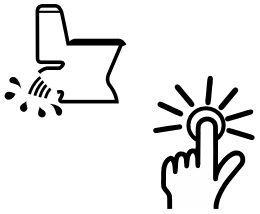
Automatic sliding doors made of high grade stainless steel with electronic lock function during visitor time inside toilet user space. Sliding doors with anti-vandal characteristics and mechanics are patented and certificated EUROmodul product.

Automatic opening and closing on a touch of stainless steel backlit button or coin machine from the outside user interface.



Extra FLUSH

for users that wants extra rinse of toilet bowl during usage time.



During our **25** years of experience and careful users listening, we developed and provide what users want.

EXTRA FLUSH system is an additional option for our automatic self-cleaning toilets which enable users extra rinse of toilet bowl during usage time.

EXTRA FLUSH water consumption is programmable through main PLC touch screen system inside technical room.





EUROmodul

СИМПОЗИУМ
ТОП
ЛАМ
БЕНА



BABY table

anti-vandal and made of stainless steel

Baby table is made of stainless steel, retractable table. It's characteristics ensure more than hundred kilograms of load for safety reasons. Baby is protected with a safety straps.

EUROmodul baby change tables are installed in our automatic and classic prefabricated public toilets around The World ensuring safety of usage for small babies.

DESIGN AND CUSTOMISATION

if you are not preferring stainless steel look, we are able to provide you baby change table in any RAL color chart. Powdercoating will protect stainless steel surface and adopt colors to your toilet / room interior design.

- 📦 fold-away bed is made of anti-bacterial wood surface
- 🛡️ protected by a clear lacquer to reduce odor causing bacteria.
- 👶 child safety strap is made of strong naylor material.
- 🔒 anti-vandal stainless steel strong hinges with inner mechanism ensure load up to 300 kg.
- 💡 Universal instruction graphic pictogram





⊕ interface

Toilets sliding or classic door interface is connected with door lock and its informing potential user if toilets is free or occupied for use.

If green light is indicated on control panel interface, then user only needs to touch stainless steel button with blue LED light circle to open the door.



⊕ SOS

SOS button in emergency associated with external audio-visual signal or a call center



⊕ timer

Anti-vandal embedded timer inside user space made of aluminium and digital display which is informing user about left time for use of toilet. If user does not leave user space in given time, alarm with sound and light signal will turn on and door will be automatically open.



⊕ hook

Hook for clothes made of stainless steel



⊕ handrails

Stainless steel handrails for disabled persons are manufactured according to DIN 18024/1 Germany standard.



⊕ floor disinfection

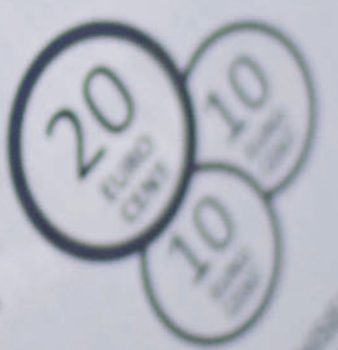
Anti-vandal nozzles are used for automatic floor cleaning. Nozzles are spraying water under high pressure and clean dirty under the toilet bowl



Frei / Free
Besetzt / Occupied
Außer Betrieb
/ Out of use



ZAHLBETRAG:
PAYMENT:
20 EURO CENT



KEIN WECHSELGELD
NO CHANGE REQUIRED

TRUCK

GENERAL

EUROmodul is providing last 15 years payment solutions for our innovative automatic and manual prefabricated public toilets. Due to our clients and partners demands, we developed anti vandal system - coin box machines which can be installed separately in already existing public toilets in cities, parks, beaches, etc...

ANTI VANDAL STEEL PLATE CASE WITH THICKNESS OF 6 MM
LED TAGS: FREE - OCCUPY - OUT OF USE
SMART KEY SOLUTION

The currency and entry fee can be programmable upon request. We are offering possibilities to program coin box electronics to accept difference currencies for toilet entry price. Solution for disabled persons with EUROkey integration is also available on request.



STATUS _ INDICATORS

Toilet function can be easily understood through three possible states highlighted on the control panel with labels control which have three LED lights that indicate a particular working condition:

GREEN

TOILET USER SPACE IS FREE AND READY FOR USE

When all elements are in perfect working order, toilet seat is disinfected and ready for next user.

ORANGE

TOILET IS IN USE OR IN CLEANING PROCESS

When toilet is use or in process of automatic cleaning, ORANGE indicator lights up. After the user leaves toilet space, sensors are checking if somebody is left inside. If the inner area is free, automatic cleaning process is starting to disinfect toilet seat and floor.

If the sensors notice the presence of individual person during disinfection process - cleaning system will automatically stop with all actions. System will restart disinfection process after sensor scanning and give approval that no body is inside toilet user space. The process includes washing, cleaning, drying toilet seat and floor washing via nozzles.

RED

TOILET IS OUT OF SERVICE

Toilet may be out of use in several cases:

DURING THE NIGHT WHEN ITS USE IS NOT PROVIDED - THE SO-CALLED, NIGHT MODE PRE-PROGRAMMED TIME PERIOD

WHEN THERE IS NO ELECTRICITY, WATER, PAPER AND DETERGENTS

DUE TO VANDALISM, TECHNICAL FAILURE OR NEEDED SERVICE

DESIGN AND CONCEPT

EUROmodul is offering two different type of coin box case installation:

INBUILT COIN BOX HOUSING ON WALL COIN BOX HOUSING

Most secure way of installing coin box housing is inbuilt toilet facade installation. On wall installation is less secure as coin box housing needs to be fixed with screws and possibility of anti vandal force is higher.

Coni box construction is made of stainless steel AISI 304 and if its needed powder coated to RAL color to match public toilet design.

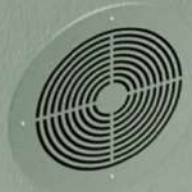
Laser marked stainless steel with pictograms, tags and texts is customise upon your needs - domestic language.

ADDITIONAL FEATURES

EUROmodul is providing higher level of coin box machines which are equipped with paper and coin money acceptor, printer for receipts and digital display.

Coin box within additional features is equipped with anti vandal safety doors and hidden hinges to ensure secure usage and protect coin box inner space with money as much as possible.





FACADES

antracit facade
code: **ERAL 7016**

stainless steel facade
code: **EES 304 /316**

Stone facade
code: **EWF 1**

Twinson facade
code: **ETW 8**

Corten
code: **CRT 1**

HPL laminate facade
code: **EHPL 1**

RAL chart colors facade
code: **ERAL XXXX (x=RAL num.)**

GLASS facade
code: **GlassTypX (x=glass type)**

PUBLIC TOILET MATERIALS

FACADES

Exterior design is adopted to modern or traditional urban centres, with various colour possibilities or patterns. Its your call to be different.

⊕ RAL colour facade

White or anthracite colour or any RAL colors upon request is our standard type of facade. We paint protected, zincd steel profiles in our factory with automotive industry painting technology. The antrazit colour encorporate granulates inside original paint giving the objects stylish, modern look. We can also paint our toilets to various other colours upon request. Please consult our RAL chart for other colours available (link na colour chart PDF).

All paints are UV resistant.

⊕ stainless steel (304 or 316)

Exclusive look - stainless steel being 'neutral' colour is easily integrated into modern city centres and in old town centres. Stainless steel is often used as a facade where several things are needed:

- Antivandal grade (ease of vandal spray removing)
- Best anticorrosion quality (vicinity of sea or longterm object use)

Accompanying normal Stainless steel attributes mentioned before, stainless steel of higher grade AISI 316 is used on extremely abbrasive locations where the best quality materials must be used to achieve maximal owner satisfaction.

⊕ glass facade

Security tempered and laminated glass in different versions, EUROmodul standard or according to your specification

⊕ stone facade

Real stone fragments are implemented in hot plastic formed to create facade segments. The facade acts as ventilated facade with air barrier between exterior and interior materials.

⊕ Twinson facade (tech wood)

Inspired by nature, driven by technology, Twinson facade merges tradition and innovation in one revolutionary new concept. Discover a material that combines the natural appearance and warm feel of wood with the ease of use, durability and ease of maintenance of PVC. Discover Twinson. A new material with unlimited applications.

The best of two worlds:

Wood: high strenght, envoinmentally friendly, robust, warm feel, natural appearance

PVC: water resistant, durable, low maintenance, resistant to insects

⊕ corten

Corten is a weathering steel. This material is a corrosion resistant steel, that left uncoated develops an outer layer patina. This patina protects the steel from additional corrosion. It is a high strength steel alloy, and it is used where higher strength and longer life cycle material are desired. Especially in situations where untreated alloys are desired for their attractive visual appeal..

⊕ HPL laminate (high pressure laminate)

HPL is used for several reasons:

- Antivandal grade surface
- UV resistant, external use
- Many factory colours available, many different patterns available
- Possibility of individual graphics (ORNAMENTAL)

INNER WALLS

vandal proof interior walls are made of most quality materials. Standard is zined /plastificated panel in RAL 9010. All other materials and variations are additional by your request.

⊕ powdercoated white

zined steel powdercated inwhite color makes the inner surface visually appealing, white, clean and full of light. The surface is easilly cleanable within longterm normal usage although not optimal if vandalism happens.

⊕ stainless steel (304 or 316)

Exclusive look – stainless steel being ‚neutral‘ colour is easily integrated into modern city centres and in old town centres. Stainless steel is often used as a cladding where several things are needed:

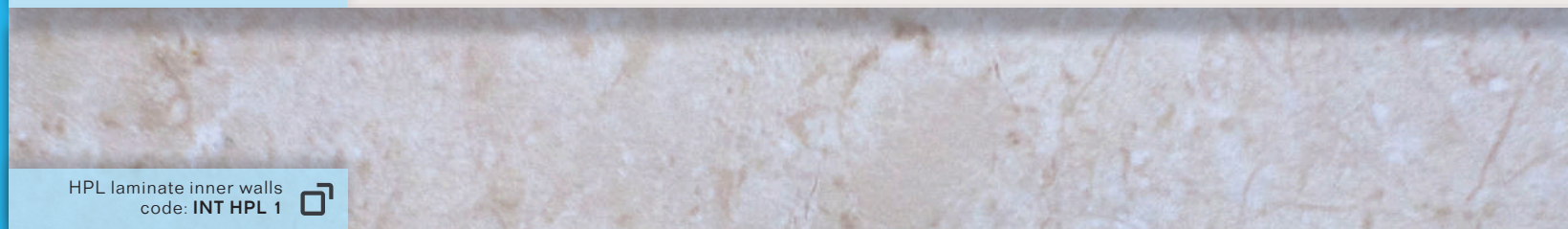
- Antivandal grade (ease of vandal spray removing)
- Best anticorrosion quality (vicinity of sea or longterm object use)

Accompanying normal Stainless steel attributes mentioned before, stainless steel of higher grade AISI 316 is used on extremely abbrasive locations where the best quality materials must be used to achieve maximal owner satisfaction.

⊕ RAL colour inner cassettes

White or anthracite colour or any RAL colors upon request is our standard type of cladding. We paint protected, zined steel profiles in our factory with automotive industry painting technology. The antrazit colour encorporate granulates inside original paint giving the objects stylish, modern look. We can also paint our toilets to various other colours upon request. Please consult our RAL chart for other colours available (link na colour chart PDF).

powdercoated white inner walls
code: **IPL RAL 9010** standard



HPL laminate inner walls
code: **INT HPL 1**



stainless steel inner walls
code: **EES 304 /316**



RAL chart interior colors
code: **ERAL XXXX** (x=RAL num.)

ANTIVANDAL

EUROmodul has been testing toilets for years, making it more user – friendly and of course, also longterm customer satisfactory. Anti vandal characteristics have been on the top of the list of priorities of our clients when longterm use and durability is concerned. The antivandal concept that we develop consists in several mayor achievements:

Moving equipent from user spaces to technical (storage) spaces with no equipment or elements on the walls, it's impossible to stole them or to be vandalised
Durable, quality stainless steel materials with antivandal characteristics

TOILETS ARE DESIGNED TO BE ANTIVANDAL:

exteriour:
for instances HPL laminates are best for strenght, stainless steel for sprays

interiour:
same as outside, HPL laminates are best for strenght purpose, stainless steel for vandalyising sprays

elements:
stainless steel elements are most durable (stainless steel toilet bowl can be hardly ruined in comparison to non-vandal cheramic toilet bowl)

FLOOR MATERIALS



ceramic tiles
code: **FCT** standard



NON SLIP aluminium
code: **FNSA**



PVC vinyl
code: **PVC**



NON SLIP rubber
code: **FNSR**



NON SLIP aluminum lamelas
code: **FANSA**



stainless steel tubes
code: **FA SS304**

■ FLOOR MATERIALS

different floors have different way of cleaning. Aluminium, stainless steel, ceramic, pvc, rubber floor depends of design you want to implement inside of public toilet.

Automatic toilet's floor can be divided in two basic types:

- REGULAR FLOOR
- AUTOMATIC, SELF-CLEANING FLOOR

Automatic washable floor is being automatically cleaned with water sprays after several people has used the toilet (programmable). The floor connects all water residues in bathtub which is positioned underneath floor surface.

⊕ ceramic tiles

Surface of ceramic tiles is non-slip, but in case of more water is spilled over the floor, the surface is more slippery than non-slip rubber or aluminium floor.

Ceramic tiles can make toilet users feel more as 'at home' and patterns can be chosen individually by your wishes.

⊕ NON SLIP aluminium

Standard floor material in manual public toilets, surface made of aluminium with non-slip characteristics. Aluminium have good corrosion resistance and its surface is easy to maintain and clean.

⊕ PVC vinyl

long term usage and endless possibilities in terms of colors and patterns. PVC vinyl floors are waterproof within easy cleaning and replacing possibilities if its damaged.

⊕ NON SLIP rubber

rubber is very interesting material which is easy to maintain with long term usage in harsh conditions. It's completely non-slip system within 3D raised caps. Black color is standard while you can choose different colors from our RAL rubber material chart.

⊕ NON SLIP aluminium lamelas

AUTOMATIC FLOOR CLEANING

Its the same material as previously described standard NON SLIP aluminium floor. The difference is that we engineer and manufacture aluminium sheet as lamelas which are used with automatic floor cleaning system. Between ALU lamelas is a gap for water drainage which flows into the bathtub floor beneath lamelas.

⊕ stainless steel tubes

AUTOMATIC FLOOR CLEANING

Ellegant surface which collects water afterwards floor cleaning better than non-slip aluminium lamelas (tubes have shortime afterwards floor cleaning water residues).

* Can be problematic for women having thin high heels surface



NON SLIP aluminium lamels
AUTOMATIC FLOOR CLEANING



EUROmodul





EUROMODUL _ KNOW HOW

public toilets _ **reinvented**



EUROmodul
MODULAR BUILDINGS

EUROMODUL DOO

Vojacki put 10, 22330

Nova Pazova, Srbija

T: +381 22 328 003

F: +381 22 329 064

info@euromodul.rs

www.euromodul.rs

