



stern

TOUCHLESS WC CUBICLES  
WITH OCCUPANCY INDICATOR

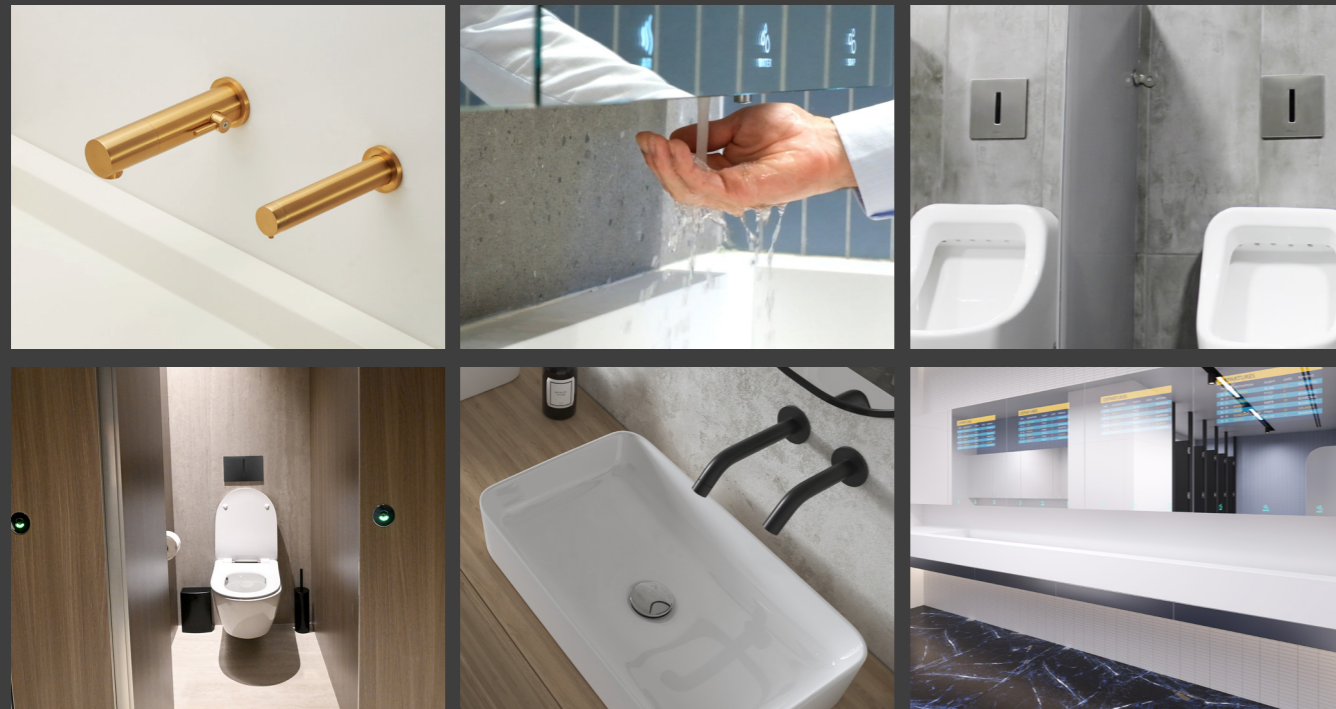
# TOUCHLESS CUBICLE PARTITIONS FOR COMMERCIAL WASHROOMS



Since 1989, Stern - one of the pioneers in touchless sanitary products for public toilets – has been producing touchless faucets, soap dispensers, flush valves, and hand dryers. But what about the contact applied to open the door of the WC cubicles?

Now you can ensure optimal surface hygiene and minimize the risk of cross-contamination, using Stern's touchless bathroom cubicles.

- Optimizing Surface Hygiene and Minimizing the Risk of Cross Contamination
- Quick & Easy Installation
- Intuitive and Simple to Use
- Safe and Reliable
- Minimal Maintenance and Failure-Free



TOUCHLESS OPERATION  
Intuitive | Simple | Safe



# HPL Cubicles and Doors Manufacturer

Stern specializes in designing and manufacturing HPL cubicles and doors in our own facilities, adhering to stringent manufacturing and quality standards. Our high-quality HPL products come in a variety of colors and feature touchless operation.



## Why Choose HPL?

When it comes to washroom cubicles, there are numerous options available in the market. However, High-Pressure Laminate (HPL) stands out due to its unique features. HPL is created by fusing layers of Kraft paper, resin, decorative paper, and a transparent overlay at high temperature and pressure. The resulting composite sheet is highly durable and stable. Here are the reasons why HPL is the preferred choice for washroom cubicles:

### Durability

HPL cubicles are robust, durable, and resistant to impact and abrasions. With its scratch-resistant properties, HPL maintains its glossy finish for an extended period compared to other materials. This makes it an ideal option for commercial restrooms with high user traffic.

### Floor-to-Ceiling Aesthetics and Privacy

Stern's floor-to-ceiling toilet cubicles offer a polished appearance, adding a modern finish to any space. Along with providing privacy, they bring an executive style and a high-end look to public toilets.

### Hygienic

High-Pressure Laminate exhibits high resistance to stains and possesses antibacterial properties, making it perfect for commercial restrooms. It promotes good hygiene and helps control the spread of disease-causing pathogens.

### Easy Maintenance

HPL is naturally resistant to water, steam, chemicals, and cigarette damage, making it suitable for wet environments. When it comes to maintenance, HPL is hassle-free. Its stain-resistant surface can be effortlessly cleaned with water or mild household cleaning solutions.



## Description

Fully integrated access system that offers door control from the exterior and interior of the cubicle using hand proximity sensors. The sensor and LED indicator mechanism on the exterior of the system resembles a standard door lock. On the interior of the door, the sensor and LED indicator mechanism appear as a regular circular handle. The system runs using 24 volt electrical power using a transformer from the main power source for up to 4 cubicles together. Wiring happens during manufacturing, no wiring is requiring during the installation.

- Floor-to-ceiling 42mm-thick HPL.
- Unique design that supports structural integrity and endurance.
- Seamless partitions for a smooth, clean appearance with minimal seams.
- High-quality hinges in black or anodized satin.
- Anodized satin or black aluminum profiles.
- Full chrome plated brass opening mechanism.
- Available in a variety of colors.

## Quick & easy installation

- Maximum precision: A spacer beam eliminates measuring errors.
- Wiring happens during manufacturing, no wiring required on location
- Installation is independent of contractor preparation.
- Installation is independent of ceiling construction and required no additional ceiling reinforcements.

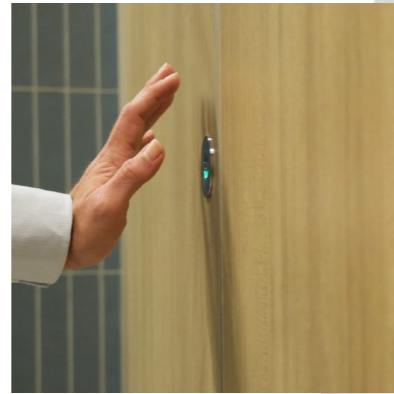
## Maximum structural stability

Although product is floor to ceiling, to give maximum privacy, actually the construction doesn't require any fixtures to the ceiling, meaning that the ceiling doesn't have to be reinforced.



## TOUCHLESS OPERATION

The energy-saving LED sensor on the outside of the cubicle shows a green light. Intuitively, the user's hand is simply presented in front of a LED to open the door and enter the stall. The external LED switches from green to red when the stall door is locked presenting the hand to the sensor from the inside. The door will not open from the outside while the LED is red. To unlock and open the door, the user needs to present their hand to the sensor inside the stall.



## MANUAL OPERATION IN CASE OF POWER FAILURE

Exclusive at Stern touchless patented cubicles: If the user prefers so or the electricity is gone, the door can be opened or closed and locked manually, just like a regular toilet cubicle!

This means, that in times of power failure, the door will not be "out of order" and will not unlock automatically, creating potentially embarrassing situations.

The door will remain locked and the user inside will open the door manually by turning the inside handle and opening the door, like in a manual system.

When there is no user inside the cubicle, the door is unlocked upon power failure. If someone wants to come in, just pushes the door to enter and closes the door from the inside, locking it as a manual system.



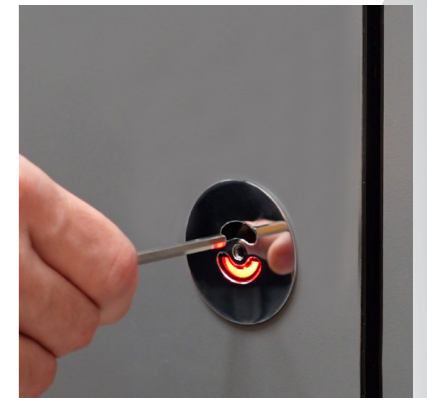
## SERVICE MODE FOR CLEANING

To hold the door open for 2 minutes to clean a cubicle, the cleaning staff can place both hands over the front and back of the door sensor to activate the service mode. During this 2-minute period, the sensors remain inactive, allowing the door to stay open without any interference.



## IN CASE OF AN EMERGENCY

Locked cubicle doors can be manually opened from outside using a special key or a coin if the emergency release accessory is installed.



## OPTIONAL COIN-RELEASE ACCESSORY

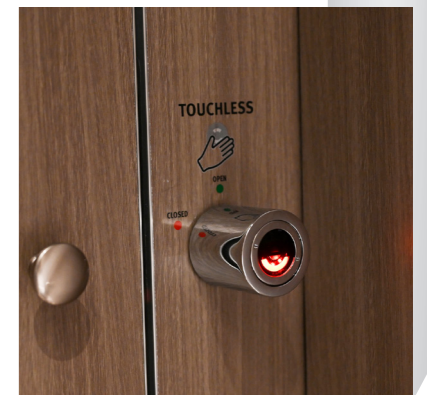
Locked cubicle doors can be manually opened with a coin if the emergency coin release accessory was installed.



## OPTIONAL SAFETY-UNLOCK

If the cubicle remains locked for twenty minutes, the indicator light on the lock flashes for thirty seconds before the door automatically opens.

The occupant inside the cubicle has the option to extend the lock duration by presenting their hand.



# Stern's differential advantages

## UNIQUE FUNCTIONAL BENEFITS

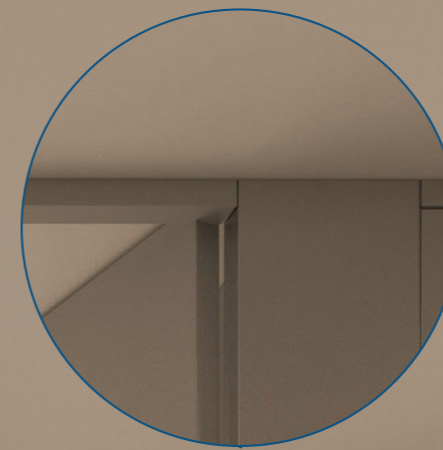
- Alternative manual operation
- Cleaning mode
- **NEW: Janitorial version with access code for restricted areas**

## UNIQUE DESIGN & QUALITY BENEFITS:

- Real floor-to-ceiling cubicles to be seamlessly installed from the floor to the ceiling, encompassing both the doors and the pilasters.
- 42 mm thickness doors with HPL 3 mm layers at both sides.
- Suitable for wet rooms.

## UNIQUE INSTALLATION BENEFITS:

- Extremely easy installation. No ceiling reinforcement is needed saving cost and extra work.
- Maximum precision. A spacer beam eliminates measuring errors.
- Internal electricity connections. Installers only need to connect the connectors.
- Compact motor conveniently positioned to facilitate installation and access.



Floor-to-ceiling  
42 mm thickness doors



Version for  
restricted areas

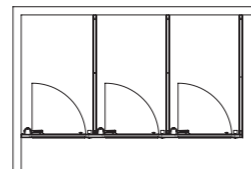
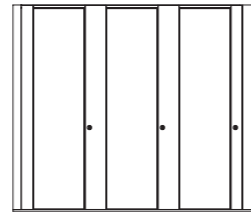


Inside view

# Touchless cubicle configurations

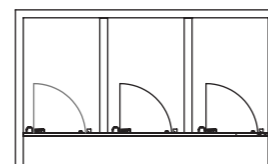
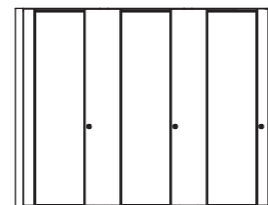
## Option 1: Standard Cubicle Assembly

- Cubicles set against one existing wall ending with an HPL Terminating wall with HPL partitions and a functioning automatic door mechanism.
- Includes:
  1. Door assembly
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic door closer
  4. Partition
  5. Terminating wall



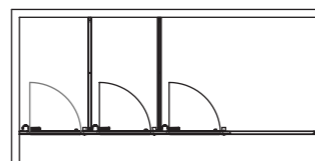
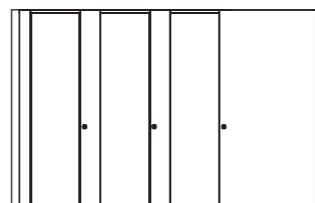
## Option 2: Cubicle Door Assembly

- A functioning toilet door set between two walls, commonly used where solid walls have been built to partition each toilet.
- Includes:
  1. Door assembly
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic door closer



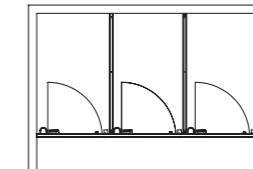
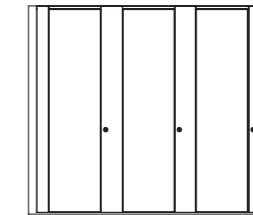
## Option 3: Inline Toilet Cubicle

- Inline toilet cubicles set against a side wall with the side cubicle partition running on the same axis as the toilet cubicle door (when closed).
- Includes:
  1. Door assembly
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic door closer
  4. Partition
  5. HPL front wall



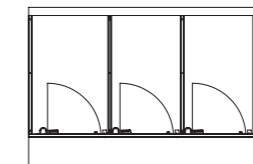
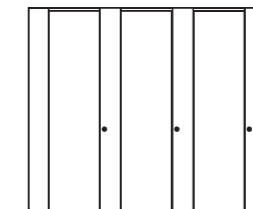
## Option 4: Between Walls

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
  1. Door assembly
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic door closer
  4. Partition



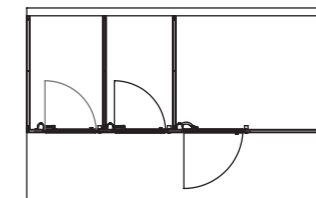
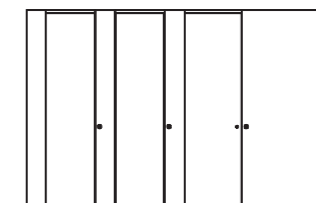
## Option 5: Island toilet cubicles

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
  1. Door assembly
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic external door closer
  4. Partition
  5. Two terminating walls



## Option 6: Accessible Cubicle

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
  1. Door assembly fitting relevant standards
  2. Pilaster with the lock mechanism
  3. Pilaster with an automatic/Manual external door closer
  4. Partition



### Specifications for Automatic STC Cubicles:

- Dimensions:
- Cubicles Height: Up to 3000mm
  - Cubicles Depth: Up to 1542mm
  - STC Partition Thickness: 42mm

### STC Cubicles Partition Design:

Water and humidity resistance in a wide selection of colors and textures.  
 Frame and Fitting: Reinforced Aluminum 6063 with an anodized coating  
 Finishing: High-Pressure Laminate (HPL)  
 For personalized design and custom dimensions, please contact us for a consultation:

### Our cubicles come with various accessories to enhance functionality and user experience, including:

- Coat hooks and hangers
- Toilet roll holders
- Hand towel dispensers
- Waste bins
- Handrails and grab bars, etc.

# Technical Specifications

- A unique design that ensures structural integrity and endurance.
- Sensor lights are mounted to the handles.
- Simple and easily accessible components for efficient and smooth maintenance.
- 5 Years warranty

## Floor-to-ceiling Cubicle

- Up to 3000mm cubicle height
- Up to 1500mm cubicle depth

## Doors and Dividers/Partitions

- 42 mm thick

## Door Clearance

- 7.5mm from the floor and 7.5mm from the top cover Pilasters

## Pilasters

- Up to 3M

## Stern's Signature HPL colors



**Snow White**  
Ref: 07020464

**Ivory White**  
Ref: 07020462

**Oak**  
Ref: 07020467

**Gray**  
Ref: 07020466

**Graphite**  
Ref: 07020463

**Black**  
Ref: 07020465

## Frame

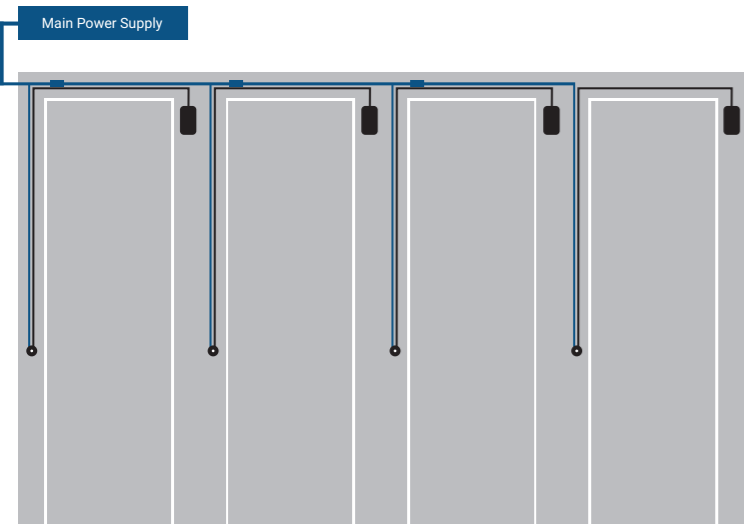
- Anodized aluminum 6063 with 3mm HPL on both sides

## Handles

- Chrome plated brass. Other finishes available.

## Power source

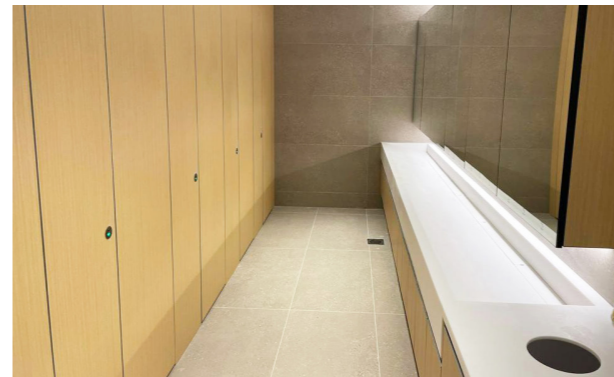
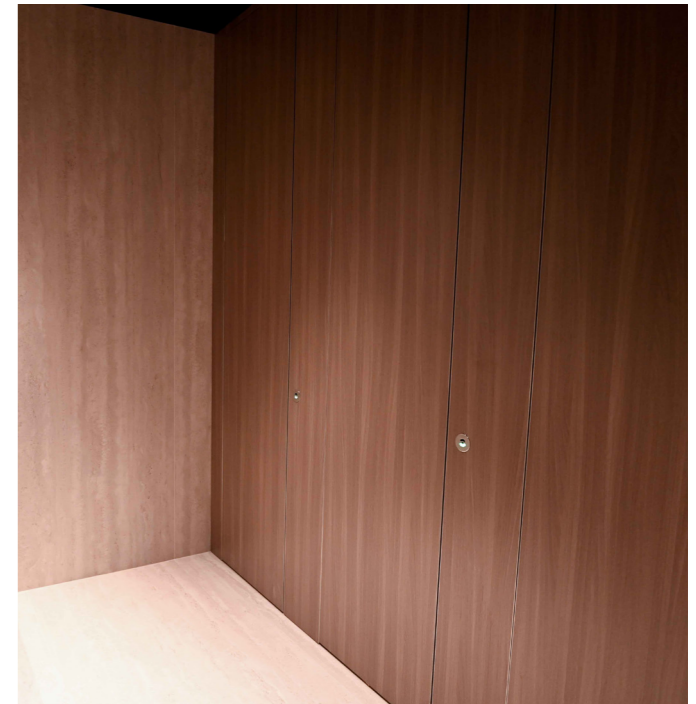
- Transformer from the main power source, the system runs on 15 volts of electrical power for up to four cubicles at once.
- All wiring is done during the manufacturing process.
- No additional wiring is required during the installation process.



This drawing is for illustration purposes only.  
Sizes, amount of cubicles and reference numbers customized per project.



# Stern's Refereces



Our product and brands have been tried, tested and trusted by global companies worldwide.



To see the product in action:  
<https://www.youtube.com/watch?v=Umx1DwYhGcw>





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