



LAMATU-20 LAMATU-18 THE OUTDOOR HYGIENE DISPENSER

Top innovation from
3D Betondruck Solutions -
filed for patent



THE NEW AGE OF THE HYGIENE

What is in Corona times the order of the day then becomes an indispensable hygiene factor in sense of: the highest hygienic standards to protect citizens from infection. Last but not least, local authorities are required to meet these very special requirements in the best possible way, even in public spaces, and thus to prevent contagion. The focus is on hand hygiene.

The outdoor hygiene dispensers LAMATU-20 and LAMATU-18 have been developed by 3D concrete printing solutions especially for outdoor use. Especially in busy areas, these disinfectant dispensers provide protection and safety: on marketplaces, sports ve-

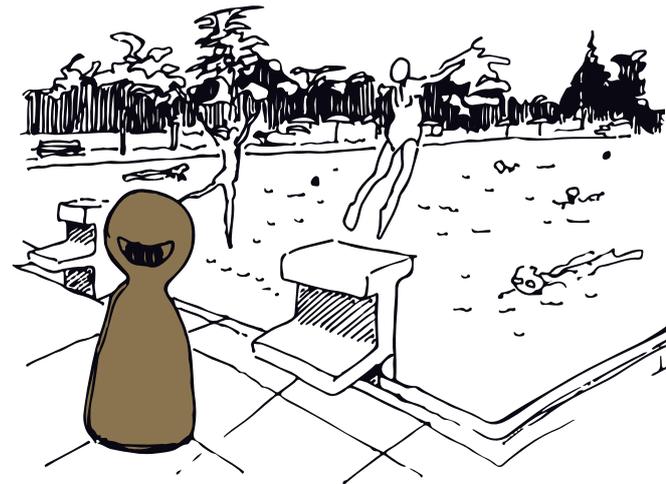
nues, playgrounds, outdoor pools, (bus) train stations, at cultural events, in front of public buildings, at fairs and folk festivals, etc. The name of the dispensers is derived from the Latin („Lava manus“ = „Wash your hands“).



CONCRETE PRINTING AS PERFECT TECHNOLOGY

Outdoor use requires a hygiene dispenser with completely exceptional characteristics: theft safety, protection against vandalism, low weather erosion and little maintenance requirements. However, the protection of the disinfectant from heat is crucial. Only the combination of concrete and stainless steel can effectively meet these requirements. 3D concrete printing is therefore the perfect technology for the production of the outdoor hygiene dispenser. It consists of an insulating concrete sheath, which pro-

tects all spray technology and the alcoholic disinfectant against heat and cold. The 22 l liquid container is easily replaceable. The sensor-controlled spray area is technically sophisticated and is also easy to use. The sympathetic, galactic appearance and the user-friendliness contribute a lot to the acceptance of the hygiene dispenser. Also its stability, the organic shape and the velvety yet robust surface. There is enough space for individual branding by the respective municipality or a sponsor.



**PROTECTION AGAINST
INFECTION BEFORE AND
AFTER ENTERING BUILDINGS**

**3D INSULATING CONCRETE AND
CHIMNEY- EFFECT PROTECT THE
DISINFECTANT FROM HEAT**



**SIMPLE AND CONTACTLESS USE
THANKS TO THE SOPHISTICATED
SENSOR TECHNIK**

**THEFT AND VANDALISM
PROTECTION DUE TO
HIGH STABILITY**

LAMATU-20

THE ORIGINAL



Dimensions: 170 x 50 x 50 cm

CONSTRUCTION OF THE DISPENSERS

- Mantle printed by 3D concrete printing with textured surface
- Optional: Coloured concrete surface
- Electric connection box for power supply
- Space for user manual and individual branding
- Organic, ergonomically tested shape
- Heat protection by insulating concrete and chimney effect
- Inner core in high Nirosta quality
- High stability
- Low corrosion by weather impact
- Easily replaceable disinfectant container (22 l)
- User manual for easy self-assembly
- Specially developed surface sealing protects against contamination and weathering

LAMATU-18

THE LITTLE BROTHER



Dimensions: 140 x 50 x 50 cm



FACTS & FEATURES

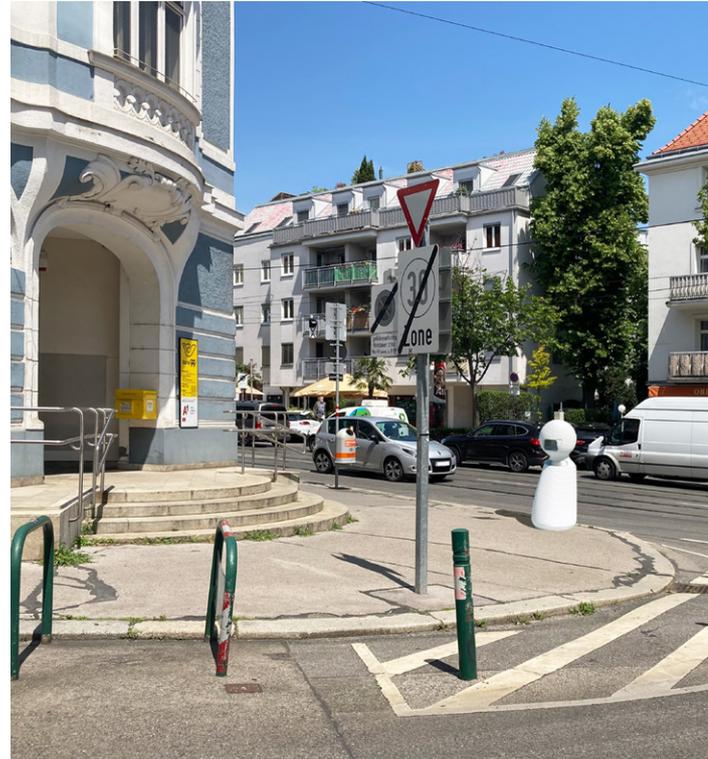
EQUIPMENT AND FUNCTION OF THE DISPENSERS

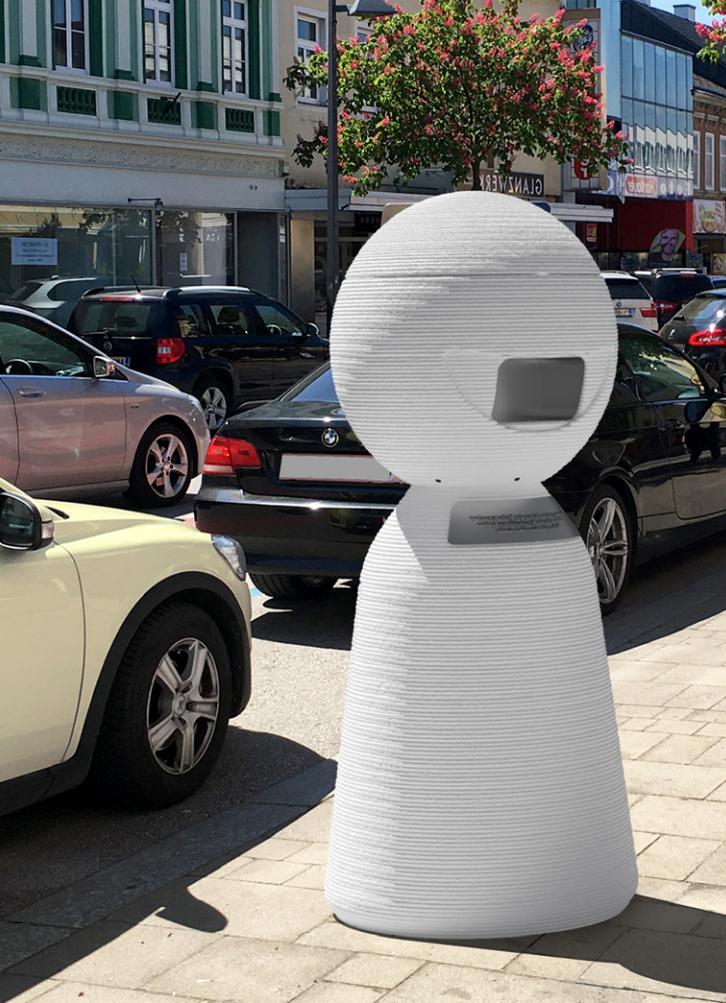
- High-quality alcohol-based disinfectant
- Protection against bacterial and virus-like pathogens
- Capacity: 10,000 to 15,000 spraying operations
- Sensor-controlled spraying process
- Spraying by nozzles for both hands simultaneously
- Optimal effect by rubbing the hands
- Stainless steel collecting tray for superfluous disinfectant
- Daily, digital recording of the number of spraying operations
- Optional: Digital notification regarding capacity reserve to defined „headquarters“ possible
- Easy cleaning and maintenance

THE EFFICIENT ALTERNATIVE LAMATU-18

The outdoor hygiene dispenser Lamatu-18 is the little brother of Lamatu-20. Although it is smaller (140 cm x 50 cm x 50 cm), it is not less effective than the original in terms of equipment and effect. Which locations you choose for the Lamatu-20 or the particularly less expensive Lamatu-18, is above all a question of environmental architecture and aesthetics. Lamatu-18 also impresses

with its friendly appearance, sophisticated technology, ease of use and low maintenance requirements. Also its organic shape and the velvety and yet robust surface. The innovative technology of 3D concrete printing in combination with stainless steel guarantees a unique and sustainable solution for protection against outdoor contagion.





HYGIENE DISPENSER LAMATU-20 AND LAMATU-18 INNOVATIVE OUTDOOR SOLUTION IN HEALTH PROTECTION

- Huge capacity. 10,000 to 15,000 spraying process thanks to 22 liter containers
- Long service life due to concrete/stainless steel construction
- Heat protection by insulating concrete and chimney effect
- Easy, safe and contactless use
- Sensor-controlled spraying process for both hands simultaneously
- Reliably protection against bacterial and virus-like pathogens
- Reliable and environmentally friendly health protection for all outdoor citizens
- Developed and manufactured in Austria