



# BIOMASTER<sup>®</sup> SYSTEM

A new approach to  
food waste waste management

A commercial kitchen setting with stainless steel shelving units filled with various kitchenware like pots, pans, and bowls. A large industrial-style lamp is positioned over the shelves. In the foreground on the right, a stainless steel BioMaster PLUS food waste disposal unit is shown with its top lid open. The unit has a control panel with several buttons and warning symbols. The background wall is covered in white square tiles.

**OUR VISION**  
**SIMPLE AND CLEAN**  
**HANDLING OF**  
**FOOD WASTE**



# ACHIVEMENTS

- Optimize **hygiene standards (HACCP)** within commercial kitchens
- **Reducing manual** food waste **handling** by stewarding staff
- Optimizing work spaces (e.g. **ergonomics**)
- **Reducing expensive room** for waste storage
- **Eliminating bad smells** of food waste storage rooms
- **Eliminating pest**
- Working towards a **more sustainable future**

# BIOMASTER®

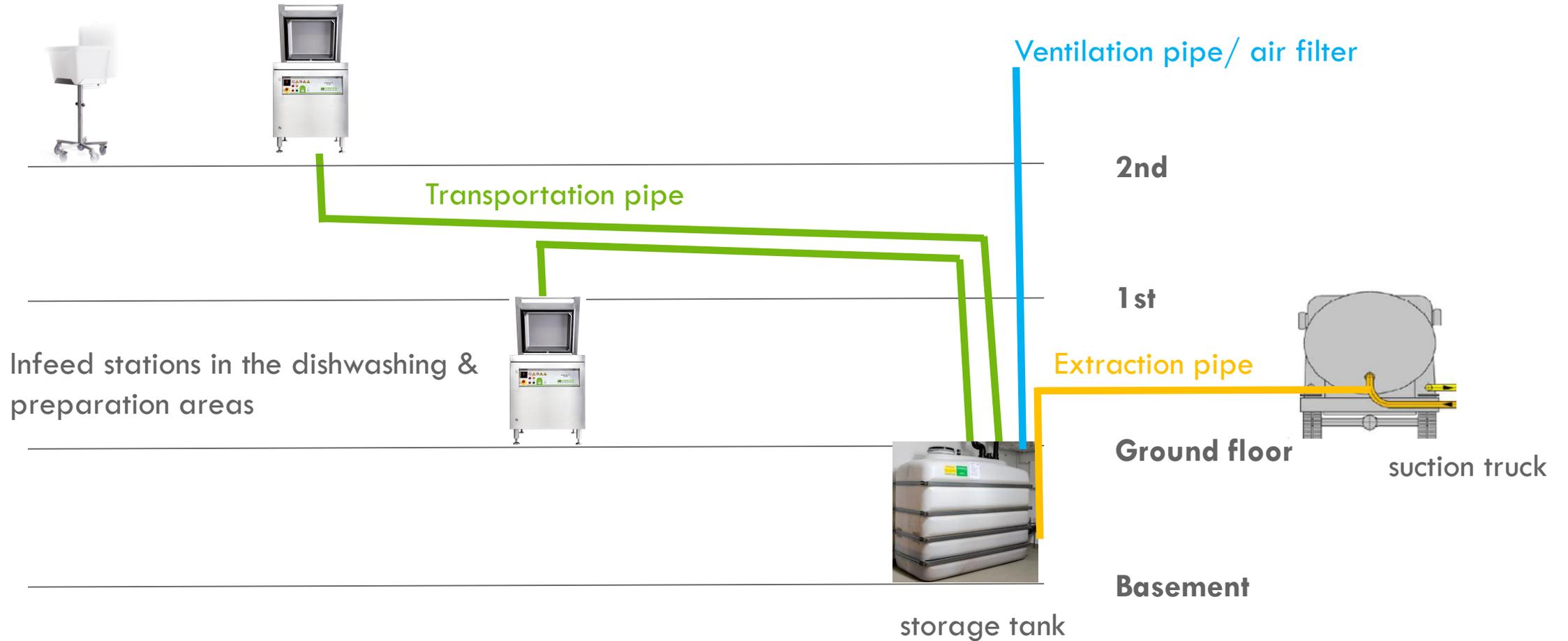
- BioMaster® 4 PLUS
- Capacity 40 liters per cycle
- Cycle time between 60s and 90s
- 380-420V | 50Hz | CEE plug | 4.5kW
- Process water 5-15%
- 700 x 700 x 865-935mm (wxdxh)



# VOLUME REDUCTION



# CONCEPT | TANK SOLUTION



# MATERIAL | PIPING IN PE

## TRANSPORTATION PIPE

HDPE DN90 (PN4) | external diameter 90mm, internal diameter 83mm

**Gradient 1% - 3%** | completely electro-welded | max. 45° bends

## EXTRACTION PIPE

HDPE DN100 (PN16) | external diameter 110mm, internal diameter 90mm

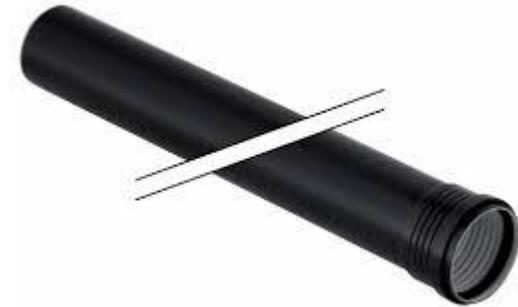
Completely electro-welded | also 90° bends possible

## VENTILATION PIPE

HDPE DN100 (PN4) | external diameter 110mm, internal diameter 104,4mm

Gradient -1% | completely electro-welded | also 90° bends possible

Alternative: airfilter (needs changing every 12 months)



# ACCESSORIES | BIOMASTER®

## SPLASH GUARD

Perfect hygiene and makes cleaning much easier



## PRE\_MINCER

A must for perfect results when waste comes in larger volumes



## CUTTLERY MAGNETS

3 x 50kg magnets reduce cuttlery loss



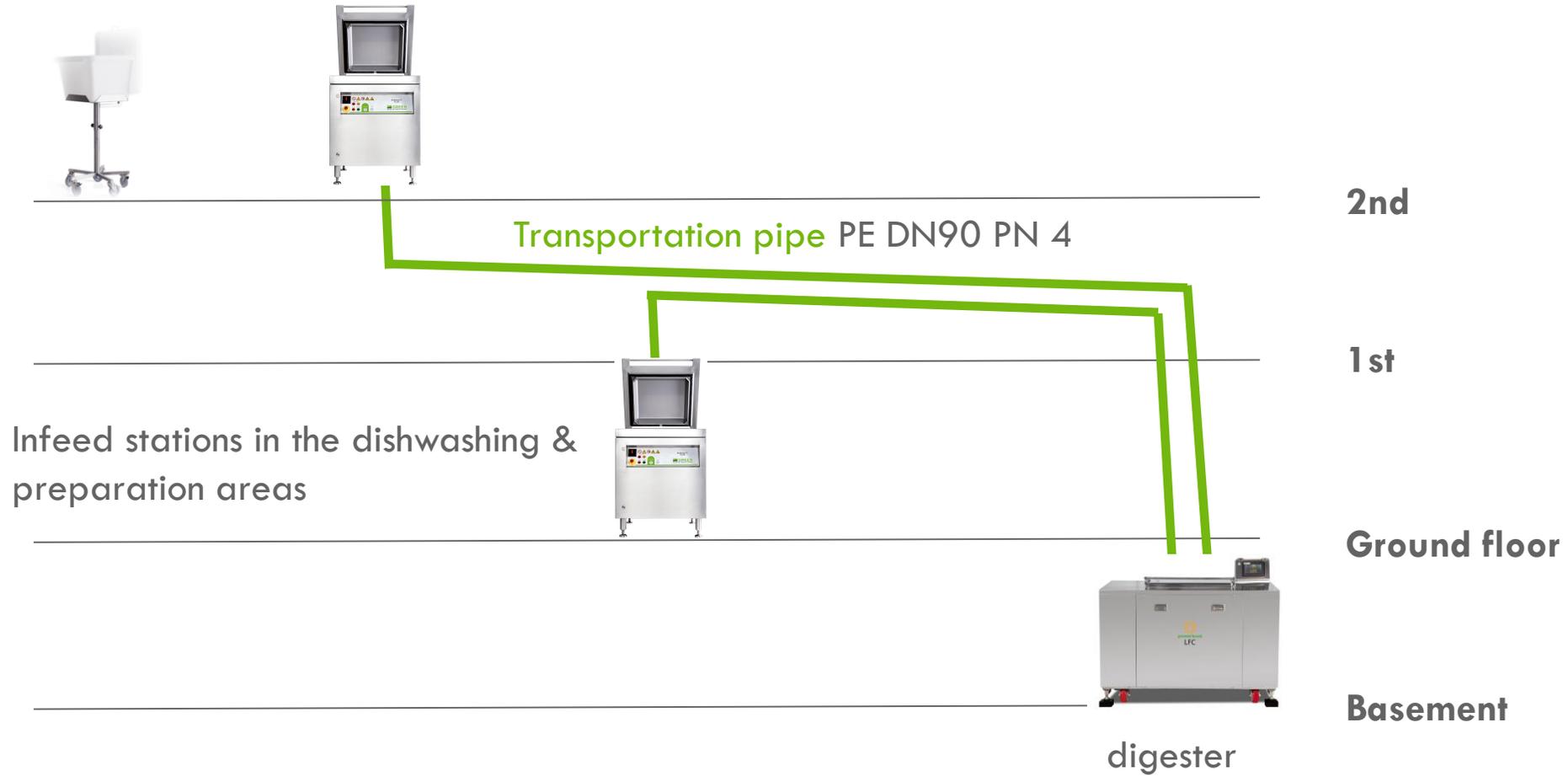
# COLLECTION MADE EASY

Ideal for collection and internal transport of waste of all types.

Volume nominal: 35 Litres  
Volume effective: 30 Litres  
Weight: 9 kg



# CONCEPT | DIGESTER SOLUTION



# BACKEND SOLUTION | DIGESTER

- Organic waste gets diluted with water and hydrolysed for 24 h with additional enzymes
- The liquid passes a 1 mm screen and is discharged into the sewage



# INTERNATIONAL REFERENCES



Mercedes-Benz



Sheraton



**SOFITEL**  
LUXURY HOTELS



**WESTIN**  
HOTELS & RESORTS<sup>®</sup>

**SICK**  
Sensor Intelligence.



**WAGO**<sup>®</sup>



**PORSCHE**

**Scandic**



twenty five hours hotels  
come as you are



**GREEN**

**WASTE SOLUTIONS**