

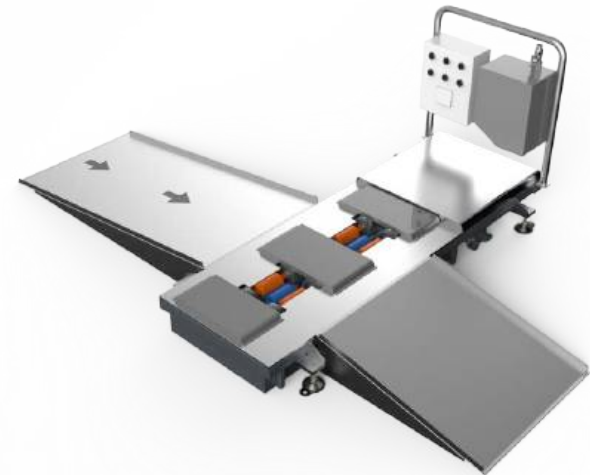
The Clean Floor Environment Solution Provider



Daeshin MC Co., Ltd.

*SmartClean
Castor Wheel Cleaning System*

*The Most Reliable
Castor Cleaning System
With World's First Technology*





SmartClean Castor Wheel Cleaning System

The *World's First* Castor Wheel Cleaning System at its best with cutting-edge technologies.

The Perfect Solutions to Castor Wheel Cleaning in Workplaces

Cutting Edge Patent Technologies

- The world's first automatic and effective castor wheel cleaning with triple roller system
- Easy to operate and maintain
- Environment-friendly water recycling system equipped
- "No-wheel spinning" technology adopted while cleaning castor wheels

Powerful and Automatic Cleaning

- Cleans castor wheels perfectly and quickly
- Removes water on castor wheels after cleaning
- Two types of cleaning rollers (sponge and brush roller) available
- In-ground type and slope type available

Useful and Diversified Applications

- Cleans castor wheels with 3" above and up to 8" diameter
- Accepts cart or trolley with 360 mm up to 500 mm wide of wheel distance
- Customized design available for an exclusive and unique application
- 5° slope for easy and smooth cart or trolley movement (Slope type)

Easy Operation and Maintenance

- Automatic operation by sensor
- Convenient "one-touch" replacement of cleaning roller sponge or brush
- Convenient "automatic" sludge discharge





SmartClean Castor Wheel Cleaning System

Parts and Performance

Slope (Ascending)

- 5° slope for easy and smooth
- Can be customized in its length for better movement

Control panel

- Operation time control
- Cleaning time control
- Emergency stop button

Water Recycle System

- 8 liter water tank
- Automatic water purification and recycling
- Dual filter system
- Automatic detergent supply

Sludge discharge

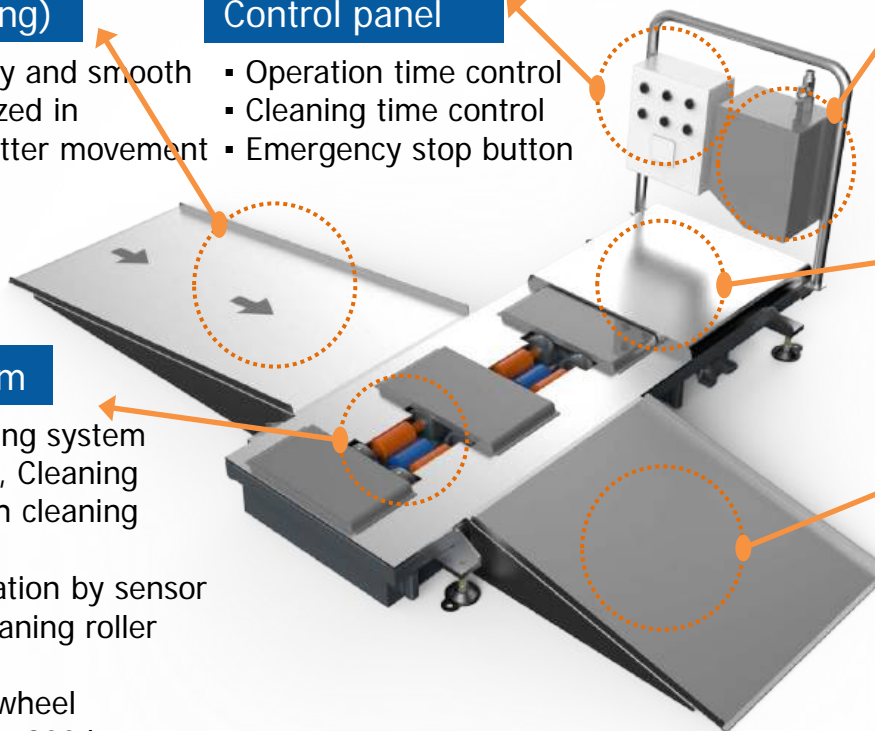
- Automatic sludge discharge
- Screw discharge

Cleaning System

- **3 Roller** cleaning system Support, Rolling, Cleaning
- Sponge or Brush cleaning roller available
- Automatic operation by sensor
- "One touch" cleaning roller replacement
- Cleans 3" ~ 8" wheel
- Slope type: max. 200 kg
- In-ground type: max. 2,000 kg

Slope (Descending)

- Water removal by durable water absorbing Magic Mat



SmartClean Castor Wheel Cleaning System



Specifications (Slope type)

Model: SM 200SA-R (A Type)

- Power: 110 ~ 240AC / 50Hz, 60Hz
- Power consumption: 1.6 kW
- Overall dimensions: L 3000 x W 1550 x H 945 mm
- Overall weight (Net): 300 kg

Performance

- Max. cart weight loaded: up to 200 kg
- Front wheel distance: 360 ~ 670 mm
- Water recycle system: Equipped (water tank: 8 liters with detergent)
- Cleaning time adjustable
- Cleaning roller: Sponge or Brush cleaning
- Automatic sludge discharge
- Durable Magic Mat for water removal (descending slope)

Motors

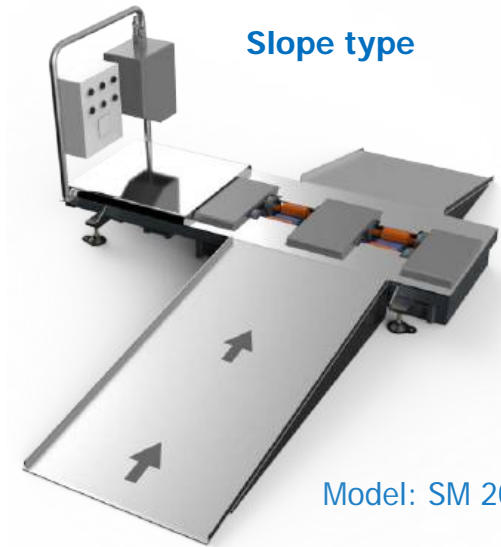
- Drive motor: 180W, 1750 rpm
- Drain pump motor: 100W
- Spray drive motor: Dc 12V
- Sludge drive motor: DC 12V

Water Recycle System

- Power consumption: 1 kW
- Size: W 300 x L 200 x H 400 mm
- Weight: 100 kg

Filters

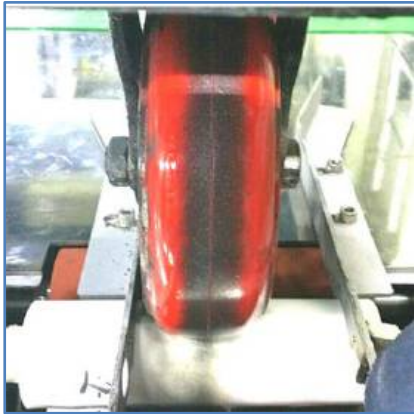
- Water recycle filter: 1st
- Water recycle filter: 2nd
- Water tank filter



Model: SM 200SA-R



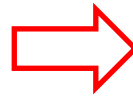
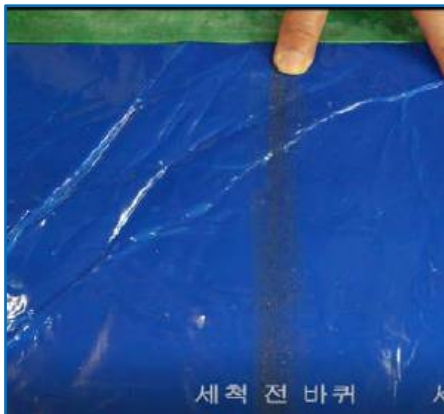
SmartClean Castor Wheel Cleaning System



Before Cleaning



After Cleaning



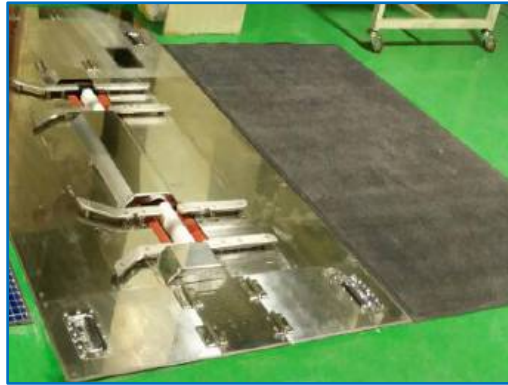


SmartClean Castor Wheel Cleaning System

Installations (Examples)



Automotive Part Company



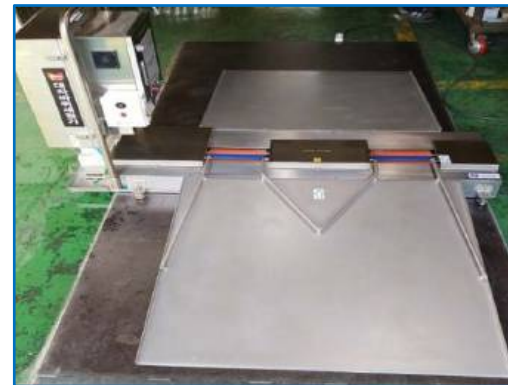
Automotive Part Company



Automotive Part Company



Samsung Semiconductor Company



Samsung Electronic Company

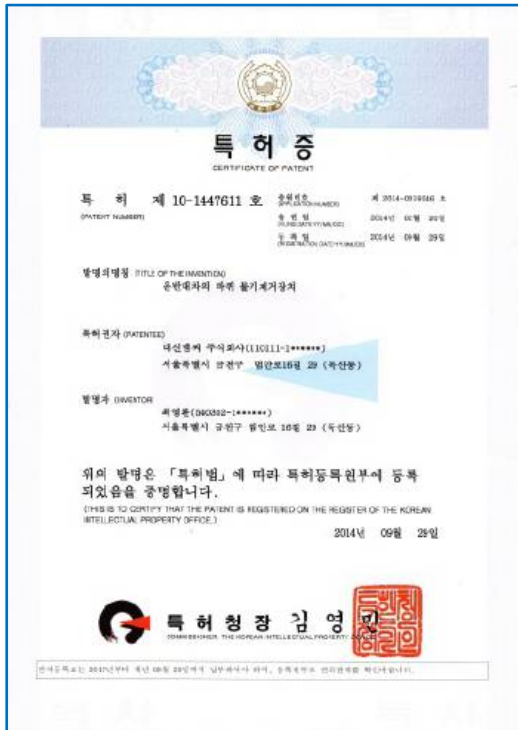


SmartClean Castor Wheel Cleaning System

Technology (Patent registered)

Patent Certification

Europe CE Patent



Wheel Water Removal Device



Wheel Cleaning Device

