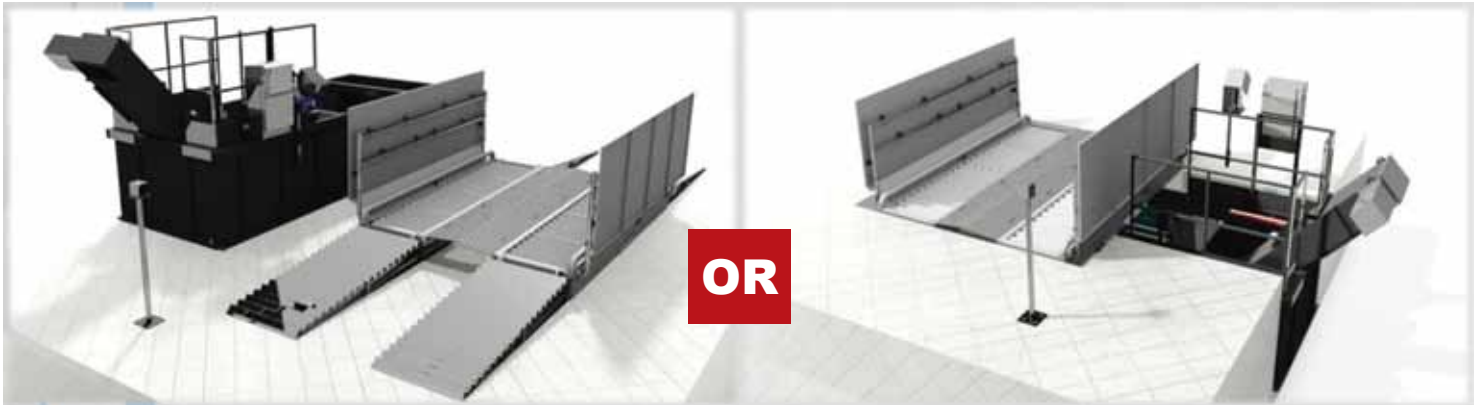




# BRIDGE 400/600 EX

## MODULAR DRIVE-THROUGH WHEEL WASH SYSTEM



**MOBILE INSTALLATION**

**PERMANENT INSTALLATION**

*“A versatile, fully-automatic wheel wash system available as a relocatable style for temporary sites or as a permanent installation.”*

- Bidirectional Traffic
- Automatic Sludge Discharge via Scraper Conveyor
- Recycles Used Water
- Automatic Operation with Photo-Electric Sensors
- Emergency Stop Button
- Adjustable Wash Cycle



# SPECIFICATIONS

| MODEL               | BRIDGE 400  |
|---------------------|---|
| Dimensions          | 6,972mm(W) x 3,900mm(L) x 2,605mm(H)  |
| Applicable Vehicle  | Width of Truck Maximum 2,800mm  |
| Power Consumption   | 11.45kW   |
| Gross Weight        | 5,000kg   |
| Sensing             | Photo Sensor  |
| Submersible Pump    | 400 EX: 2 x 5.5kW Vertical<br>600 EX: 2 x 11kW Vertical   |
| Feed Pump           | 3.7kW Vertical  |
| Scraper Drive Motor | 0.75kW Flange   |
| Water Jet Pressure  | 2.5 to 3.0kg/cm <sup>2</sup>  |
| Mains Power         | 415VAC x 3-Phase x 50Hz   |
| Water Tank Volume   | 13,500L   |
| Wash Capacity       | Over 300 Vehicles/Day   |
| Spray Points        | 400 EX: Side Pipe - 48 Holes, Main Frame - 60 Holes<br>600 EX: Side Pipe - 72 Holes, Main Frame - 100 Holes |
| Side Screen         | 1 Layer [Total 1m(H)]   |
| Side Pipe           | 50mm x 1,200mm(H) x 2-Layers  |
| Pipe Linking        | 50mm Union and Flange   |
| Control Panel       | Stainless Steel (SUS 304) / Dual Door   |
| Options             | Automatic Flocculent Injector, Rapid Clarifier  |

## HOW TO WASH



### Step 01

#### Entry:

A vehicle enters slowly into the wheel wash with a speed of 5km/h.



### Step 02

#### Drive Through:

The sensor detects the vehicle and initiates the wash sequence. The vehicle proceeds slowly through the wash zone.



### Step 03

#### Exit:

The wash cleans the front and rear wheels and under-carriage as the vehicle passes.

**Allan Field**

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