



# Engineering Vehicle Washing Machine Operation & Technical Guide

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## 1. System Overview

This engineering vehicle washing machine is designed for automatic cleaning of industrial and heavy-duty vehicles such as trucks and construction machinery before leaving controlled sites. The system improves environmental compliance and reduces manual cleaning effort.

## 2. Main Components

- High-pressure water pump system
- Washing channel and spray pipe assemblies
- Automatic vehicle detection sensors
- Electrical control cabinet
- Water filtration and recycling unit

## 3. Basic Operating Procedure

- Drive the vehicle slowly into the washing channel
- Automatic sensors detect vehicle presence
- High-pressure washing starts automatically
- Vehicle moves forward at constant speed during washing
- System stops automatically after vehicle exits

## 4. Safety Notes

- Only industrial vehicles are permitted
- Do not enter the washing channel during operation
- Emergency stop button must remain accessible
- Perform regular inspection before daily operation

*For reference only. Actual configuration, operating parameters and layout are customized per project.*