# JPL High Pressure Bin Washing System

DYNASET JPL Hydraulic High Pressure Water Pump converts the hydraulic power of a vehicle or into high-pressure water for bin washing.

High pressure water

**JPL HIGH PRESSURE BIN WASHING SYSTEM**

## Key Benefits

The garbage collection and the bin washing services can efficiently be done with one vehicle.

* The driver can easily do the waste collecting and bin washing by himself
* Fully automated bin cleaning or manual washing by customer’s choice
* Garbage collection and container cleaning at same time
* Waste water collection and recycling
* Hot water washing
* Fast and easy to use
* Powerful washing results
* Optimized water consumption
* Save time, labor costs and resources
* Profitability increase due to reduced machinery and work time
* The waste water re-use possible
* Eco-friendly
* Two-year or 2000 hour warranty

## Features

In addition to effective bin washing either with fully automatic robots or a washing gun, the system has variety of models and options with plenty of useful features.

* Automatic bin cleaning washing robot
* All models include powerful washing gun
* Water heating unit available
* Water circulation system
* Simplified model only with manual washing gun available
* Automatic washing robot includes 3D-nozzles, booms, a water reservoir and installation valves

## Applications

* Waste bin washing (automatic and manual)
* Pressure washing with washing gun

## How Does the High Pressure Bin Washing System Work?

The high pressure bin washing system utilizes a vehicle’s hydraulic system as power source for bin washing with high pressure water

1. Hydraulic oil flow is led to the hydraulic high pressure water pump through the pressure line
2. The hydraulic high pressure water pump converts the hydraulic oil flow and pressure into high pressure water for washing robot
3. The hydraulic oil is led back to carrier machine’s hydraulic oil tank through the return line
4. The washing robot operates automatically after emptying the bin
5. The system automatically inserts the 3D-nozzle into the bin for washing and returns it clean.
6. The waste water is collected to the separate container for recycling.