

HTPJ 0200 Side Brush only- Trucks & Buses

HTPJ 2000 Rollover - Buses only

HTPJ 2100 Rollover - Trucks or Buses

HTPJ 2100 Rollover - Trucks or Buses

HTW- 4PL-4 Drive through for Buses

UCH-350-18 Under Chassis Wash

Mobile Single Brush Wash System



Mining Wash Systems



Chemical Supply



Wheel Wash Systems



Recycling



## Heavy Vehicle Washing systems

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## Single Brush Systems

High Mobility - The extraordinary mobility and easy operation makes the system independent of fixed installations. The Mobile Brush Wash may be manufactured to suit most vehicle wash heights. As a result of the functional design, tankers and other special vehicles can also be cleaned easily.

Hartex Engineering is proud to showcase the latest in automated vehicle washing machine ideal for all small fleet operators looking for great value for money.

Features include:

- Vehicle heights from 3.7 - 4.8m
- Self-propelling single brush wash for fast, effective cleaning of sides, front, and rear of large super-structures.
- Special brush tilt system for optimum cleaning of sloped vehicle surfaces.
- Tandem axle trolley for easy steering and cornering by one person
- Stores and operates indoors or out
- Light weight Aluminium construction
- Automatic detergent dosing system
- Spray protection included
- Automatic stand off from bodywork.



## Rollover for Trucks & Buses

HTPJ 2000/2100/2300

Features of these models include:

- Hot galvanized steel frame (Optional: frame can be customized up to 20 different colours)
- Three polyethylene brushes
- Special 30m track with an anti-roll system for vehicles up to 30m
- Built in electrical cabinet with programmable PLC & frequency variators
- Control station with message screen in a water tight cabinet that can be mounted on the rollover or separately.



- Pre-soak, shampoo and final rinse arches with optional inclusion of wax. Two types of water can also be used.
- Water, air & electricity supplied through looped lines that can be placed on either side of the machine. (Wall or post supports are optional)
- Anti-splash screens included.



Series	Unit	B3	B5	L5	L6	L8
Application		Mini Bus Truck, In narrow washbays	Bus	Truck Closed Structure	Truck Tanker	Truck Silo
Total Height	mm	3033-3933	3168-4293	3223-4348	3223-4293	3223-4348
Wash height	mm	2928-3828	3058-4183	3113-4238	3113-4238	3113-4238
Brush Length	mm	350	500	500	600	800
Chassis dimension	mm	800 X 800	1100 X 1200	1100 X 1200	1200 X 1400	1300 X 1900
Weight	Kg	200	220	220	260	350
Motor	KW	1.5	1.5	1.5	1.5	1.5
Brush Rotation	1/min	103	103	103	86	75

Model	Wash Height
HTPJ 0200	4.50m (only 2 vertical brushes)
HTPJ 0500	4.50m (economy version of 4PJ2100 - limited Programs)
HTPJ 2000	3.50m (for Buses only)
HTPJ 2100	4.50m (most common for Buses and Coaches)
HTPJ 2300	4.80m (most common for Trucks)

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## Drive Thru for Trucks & Buses

HT4PL4

### Features of this model include:

- Comes as a 4 Brush Drive through and is the fastest Bus Wash Machine in the world. Will wash a 12m Bus in 60 Seconds.
- Ideal for bus fleets with more than 25 buses
- Washes 50 buses per hour
- Vehicle guide rails included
- Pre-wash arch with chemical injection also included
- Mirror Avoidance Program installed as standard

### Additional Options include:

- Pressure wash
- Under chassis wash



## Under Chassis Wash (350-18 TYPE)

The Benefits of an under chassis wash include:

- Provides a clean vehicle for mechanics to work on
- Easier to diagnose mechanical faults
- Improves road safety by reducing oil drops on the road
- Clean and easy to operate by any vehicle driver
- Very little maintenance required
- Cold water only required
- Mandatory for heavy vehicle inspections

The way that this washing system works is by having spray bars activate when a vehicle enters the wash bay. The vehicle breaks a light beam setting this in motion, making this a truly vehicle driver operated cleaning system.

Systems have been installed for: State Transit, NSW, Toll Group, Linfox, Busways, West Bus and NSW Fire Brigade.

Hartex can provide the latest technology for all of your under chassis vehicle washing needs.



### Technical Specification UCW-350-18:

Pump:	360L/min @ 15 Bar (215 PSI)
Motor:	18kW, 415V, 3 Phase + N
Length:	3000mm
Width:	500mm
Depth:	160mm
Spray Nozzles:	20

The UCW 350-18 comprises a hot-dip galvanized fabricated steel framework 3000 mm wide installed in the existing wash bay floor and fitted with two 50 mm diameter nozzle pipes, each with 8 fixed and 2 adjustable nozzles. Cover plates on top allows the vehicle to drive over the spray bars. An 18 kW vertical, multistage medium-pressure centrifugal inline-version pump is connected to a 2500L holding tank. The unit operates at an adjustable pressure of 15 Bar (215 PSI) with a water consumption rate of 350 L/min. The switch cabinet includes a selector switch for manual - stop - automatic operation.

A separate press button console is installed next to the chassis wash. A light barrier complete with transmitter and receiver mounted on the wash bay walls 2.3 m high activates the supply pump to the spray bars. This will automatically switch the UCW 350-18 unit ON and OFF. The system also has a sensor switch mounted inside the holding tank for dry run protection of the pump ensuring optimal service life for the pump. Our scope of works includes excavation, plumbing, all concrete works, installing and commissioning the equipment (exclusive of electrical connection).