

414 & 414B

Transit Wash Systems **414 & 414B**

*High-Clearance
Bus and Truck
Wash Systems*



**Including NS Blast Master &
CTA-200 - Chemical Tire Applicator**



**WASH
SYSTEMS**

Leaders in Vehicle Care Since 1961

NS System-414

The System-HPW 414

is our most versatile machine that utilizes high-volume quadra jet spinners to clean fleets of any size or shape, from subcompacts to 9 ft. wide by 14 ft. high. The System 414 is ideal for washing large fleets of vehicles with irregular surfaces.

ENGINEERING INFORMATION

Vehicle Clearance

Height – 15 ft. (4.57 m)
Width – 9 ft. (2.74 m)

Bay Requirements

Width – 20 ft. (6.09 m)
Length – 60 ft. (18.28 m)
Height – 18 ft. (5.49 m)

Power Requirements

480V 3Ø 77FLA
240V 3Ø 154FLA
208V 3Ø 169FLA

Detergent Pump

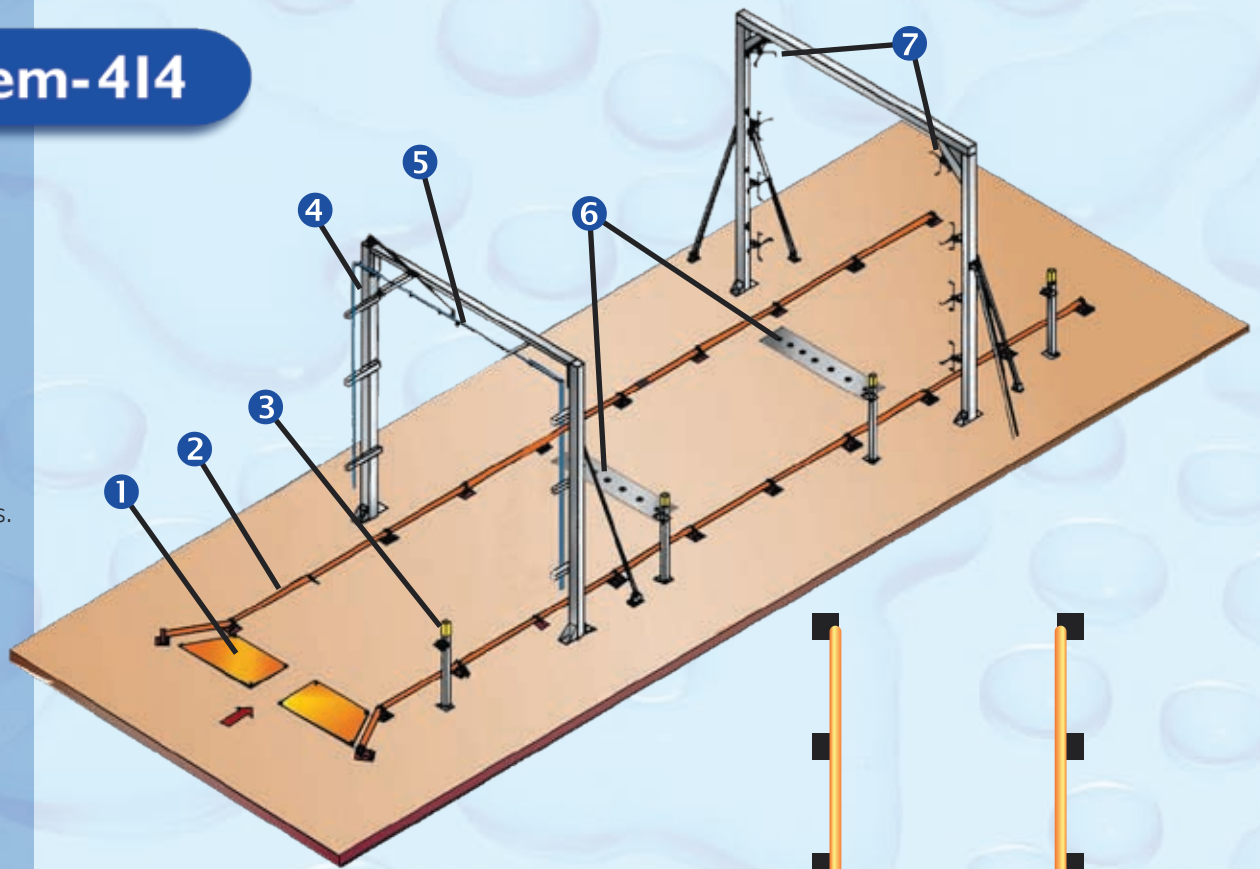
65 psi – minimum

Water Requirements

Detergent (Pre wet)
1.5 in. water line (3.81 cm)
High pressure 3 in. (7.62 cm)
without water recovery

Optional Water Recovery

Please contact factory for information.

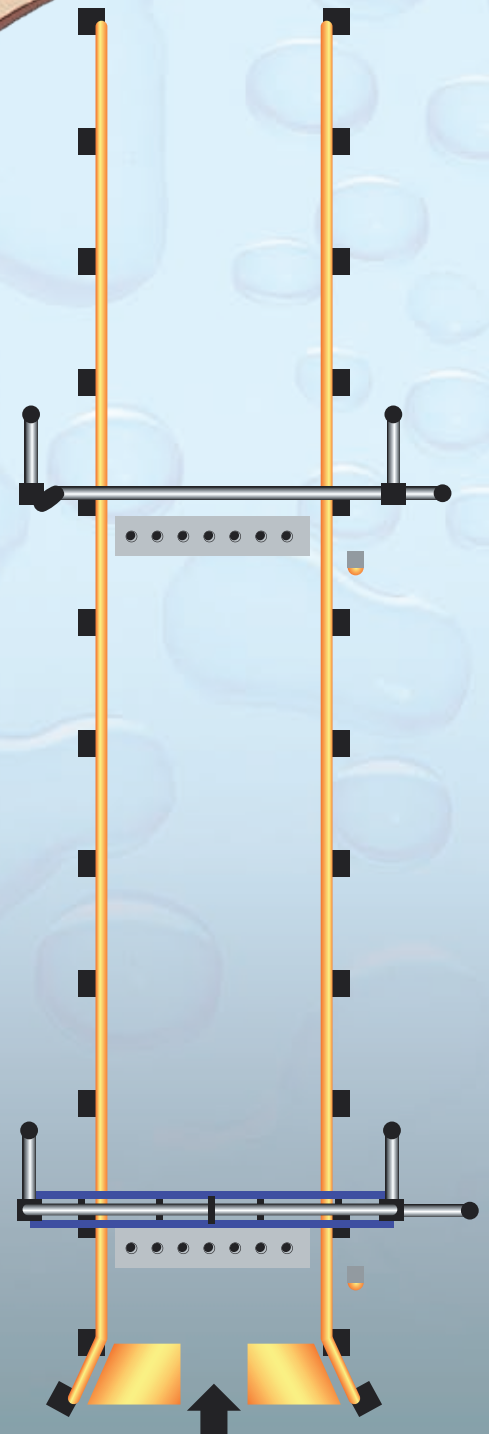


SYSTEM INCLUDES –

1. Skid plates
2. 4-Inch diameter curb rail system
3. Activation system
4. Detergent applicator arch
5. Detergent injection system
6. Undercarriage spray
7. High-pressure arch with 10 Spinners
 - 60HP free-standing pump system
 - Motor control system (UL Approved)
 - Detergent container
 - 1500-gallon storage tank with level switches

OPTIONS –

- 2-step, high/low pH chemical application
- Water recycling
- Spot-Less final rinse
- Blower/dryer system
- Sewer discharge neutralizing system
- Speed control
- Red/green entry control lights



NS System-414B

The System-HPW 414B

Combines the best of both worlds — blasts of high-pressure quadra jet spinner that removes grime from those hard to reach places and the side brush that allows the 414B to adapt to any size and shape. This is an ideal wash system for large fleets where mud and heavy road grime are a factor.

ENGINEERING INFORMATION

Vehicle Clearance

Height – 15 ft. (4.57 m)

Width – 9 ft. (2.74 m)

Bay Requirements

Width – 20 ft. (6.09 m)

Length – 70 ft. (21.3 m)

Height – 18 ft. (5.49 m)

Power Requirements

480V 3Ø 77FLA

240V 3Ø 154FLA

208V 3Ø 169FLA

Detergent Pump

65 psi – minimum

Water Requirements

Detergent (Pre wet)

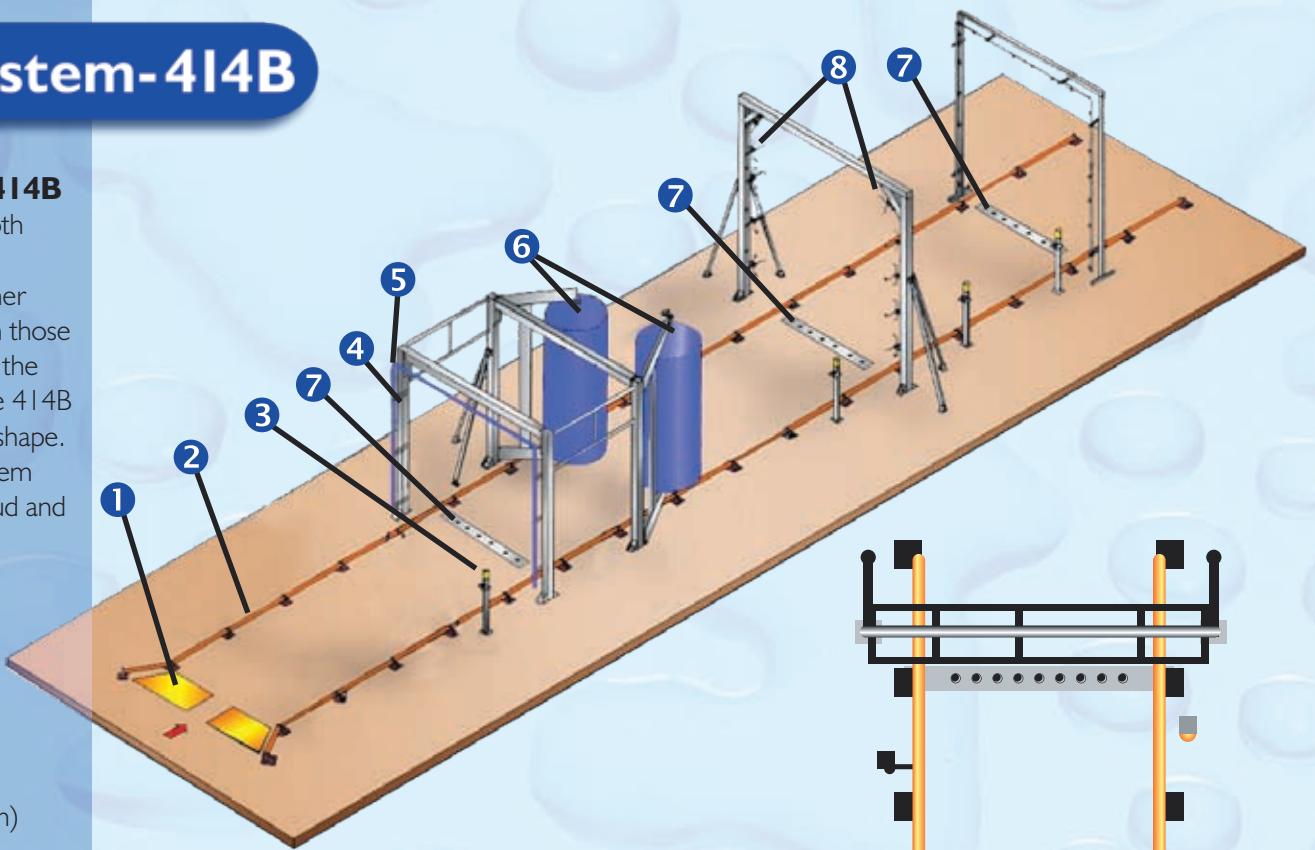
1.5 in. water line (3.81 cm)

High pressure 3 in. (7.62 cm) without water recovery

Optional

Water Recovery

Please contact factory for information.

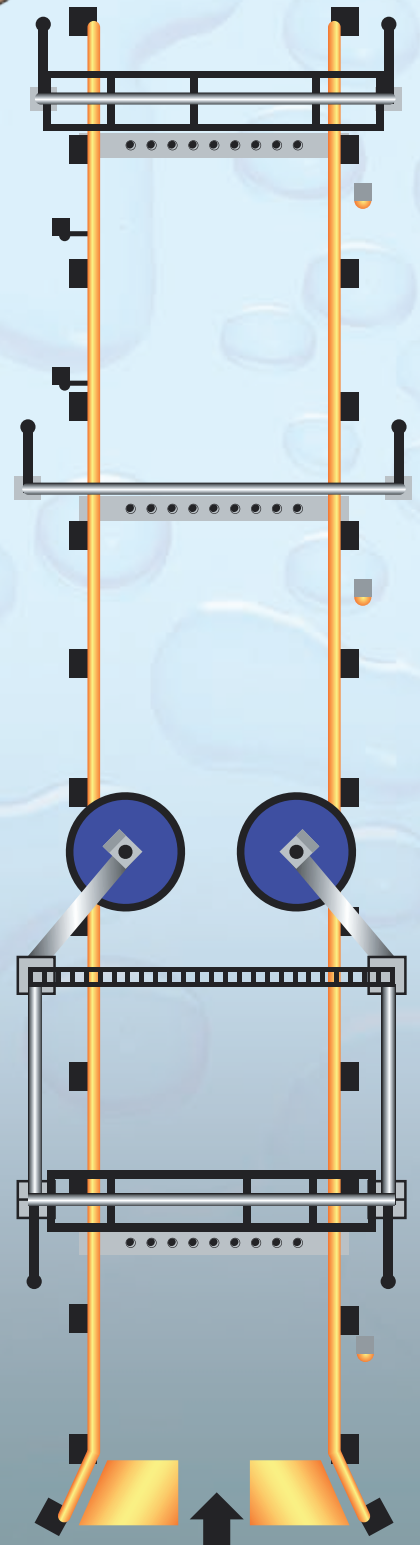


SYSTEM INCLUDES –

1. Skid plates
2. 4-Inch diameter curb rail system
3. Activation system
4. Detergent applicator arch
5. Detergent injection system
6. Two tall side brushes
7. Undercarriage spray
8. High-pressure arch with 10 spinners
 - Detergent container
 - 60HP free-standing pump system
 - Motor control system (UL Approved)
 - Detergent container
 - 1500-gallon storage tank with level switches

OPTIONS –

- 2-step, high/low pH chemical application
- Water recycling
- Spot-Less final rinse
- Blower/dryer system
- Sewer discharge neutralizing system
- Speed control
- Red/green entry control lights



NS Blast Master

Features

- ◆ A jet stream blasts water up to 1000 psi
- ◆ Oscillates up and down for thorough cleaning
- ◆ Blaster heads flip front-to-rear for thorough cleaning
- ◆ No messy hydraulics – air activated
- ◆ Fluid buffers – air action

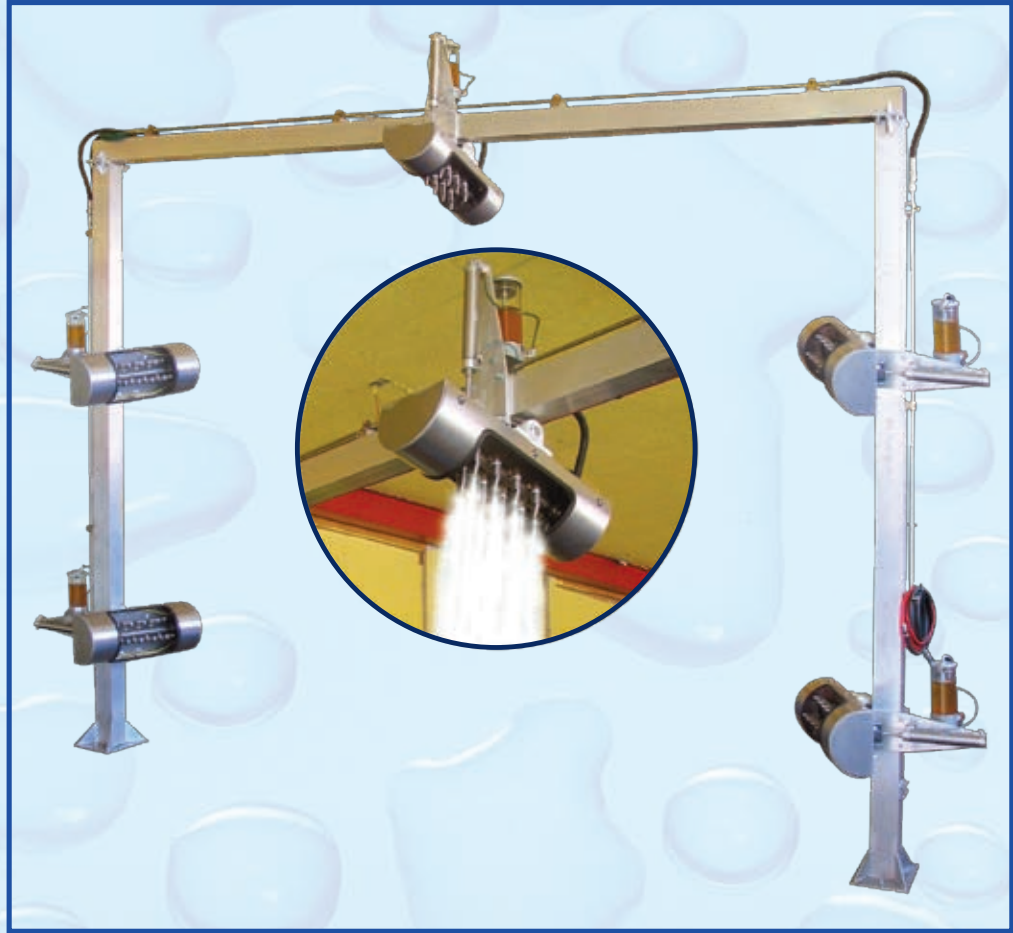
Benefits

- ◆ Reduces water and detergent consumption
- ◆ Water can be reclaimed and re-used
- ◆ Compact – 13 ft. x 4 ft. with 96 in. clearance

Equipment Options

- ◆ High-pressure cleaning (up to 1000 PSI)
 - Uses fresh water for cleaning
- ◆ Low-pressure cleaning (150-180 PSI)
 - Uses reclaimed water for cleaning

Blasts Grime off Buses, Cars, Vans, Campers, Trucks, Pick-ups, and Tractor-trailers



NS CTA-200

Features

- ◆ Foaming liquid loosens grime
- ◆ Treadle activation saves power and simplifies application

Benefits

- ◆ Stainless-steel plumbing and nozzles provide long life and resistance to corrosion

Chemical Tire Applicator, loosens wheel grime before Blast Master treatment

