

# NESCO DirtSquirt High Pressure Wheel

## Components:

- 1. High Pressure Pump Module:** 160 gpm, 200 psi, 20 HP pump boosts water pressure to improve cleaning efficiency and reduce water consumption.
- 2. Dual spray manifolds:** Nozzles produce a powerful spray that blasts mud and dirt from tires. The **DirtSquirt** washes only tires - not the undercarriage.
- 3. Utility bump:** Slows trucks down to improve cleaning and allows water line to run across road without any trenching or excavation. Ideal for portable plants.
- 4. Sensor:** Your choice of an in-ground Magnetic Induction Loop or above ground IR Presence Detector automates wheel wash operation.

## Water Consumption:

40 to 50 gallons per truck depending upon speed through wash. Water must be supplied to the pump module from a tank with a minimum volume of 500 gallons.

## Cleaning Efficiency:

Up to 98% depending upon speed through wash. For best results, trucks should come to a full stop and proceed through the wheel wash at no more than 5 mph.

## Minimum Site Requirements:

**Location:** The **DirtSquirt** should be located at the transition from unpaved to paved surface. Paved surface at exit of wash must be kept clean by flushing or sweeping. Install the **DirtSquirt** before any scale to keep it cleaner. If possible, locate the wash 1000 ft. from plant exit to allow tires to drain and dry.

**Support:** The **DirtSquirt** pump module should be located on a level concrete surface. Utility bump and spray manifolds must be installed on concrete pad pitched to drain. At stationary plant, utility bump can be replaced with permanent grate and drain.

**Water Supply:** Water can be supplied from a well or pond to a surge tank of minimum 500 gallon volume with level and fill switch. Additional strainers or filters may be required if water contains a large amount of suspended solids. Muddy water will reduce pump and spray nozzle service life.

**Drainage:** Water can be drained from wheel wash to retention pond or other sump. Customer is responsible for any and all material and labor that may be required to drain dirty water to a collection point. Water can be recycled at customer's discretion.



High pressure spray blasts mud and dirt away. Conserves space and water. Ideal for portable plants and construction sites