STB-30 / STB-75 Portable Tire Wash Installation
STB 30 and STB 75 Installation

Excavation:
Locate where Tank and Troughs will be laid out on ground.

Tank Size
- **STB 30**: 20’ wide x 4’ long
  66” deep
- **STB 75**: 20’ wide x 8’ long
  96” deep

Dimensions of opening
- **STB 30**: 22’ wide x 5’ long
  70” deep
- **STB 75**: 22’ wide x 9’ long
  100” deep

**Compact** 4” of stone in excavation.

Lower Tank into opening. Backfill Tank up to the 45” level (STB 30) or 79” level (STB 75) on tank. Tank level is measured from bottom of tank and is marked at the factory.
**Stone and Tamp**
Place 4” of stone under trough area and tamp to between 97% and 98% compaction.

**Set Troughs** into Tank slots. Troughs should be supported by compacted stone not the tank.

**Backfill Troughs**
up to 5” below top of Troughs

- **Opti-Eye Sensor**
- **Truck Travel**
- **Concrete Block Footers or Portable Opti Pedestals**

Compacted stone to be 1” higher than tank slot
Place asphalt (Binder course 5”) apron around Tank and Troughs 20’ long x 20’ wide – asphalt should slope back to Troughs

Attach hoses from Side Blasters to Pump outlets in top of Tank

Install water line (1”) to water filler valve in top of Tank

Wire 3 phase – 460 volts for 30 HP Motor, 40 amps F.L.A. into Starter box
230 volts for 30 HP Motor, 80 amps F.L.A. into Starter Box

Fill Tank with water and start system by driving truck through Opti Eyes.