

STB-30/STB-75 Portable Tire Wash Installation



**Diesel-Driven
Model**



STB 30 and STB 75 Diesel-Driven Model Installation

Excavation:

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

Tank Size

STB 30: 16' wide x 4' long 66" deep

STB 75: 16' wide x 8' long 89" deep

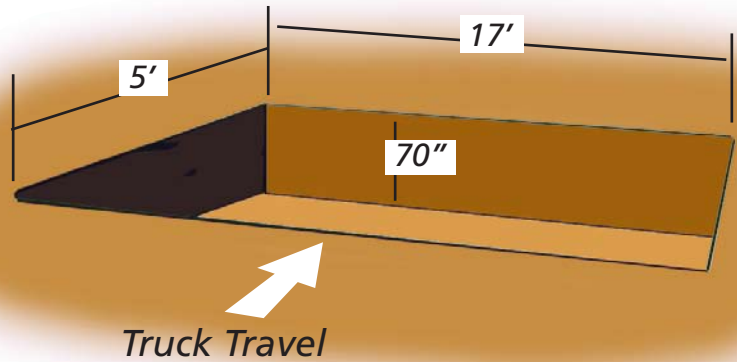
Dimensions of opening

STB 30:

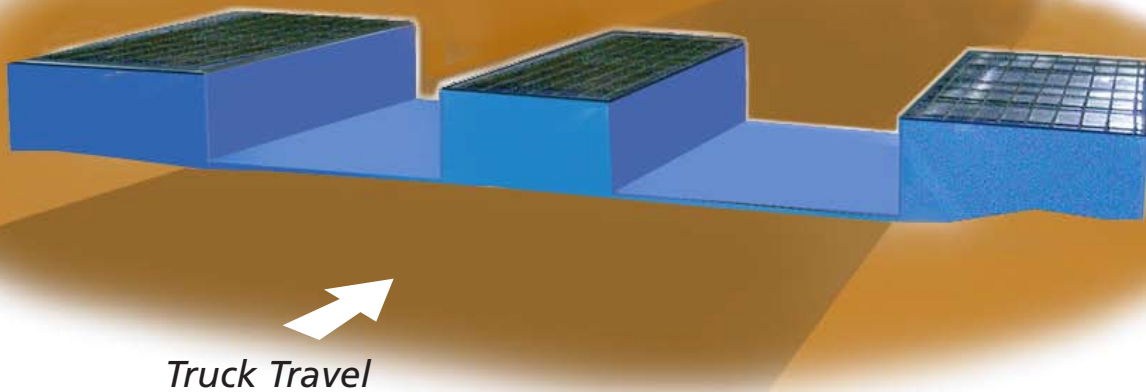
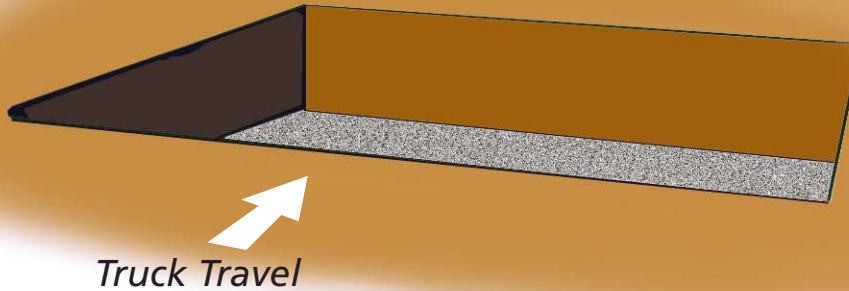
17' wide x 5' long 52" deep

STB 75:

17' wide x 9' long x 72" deep



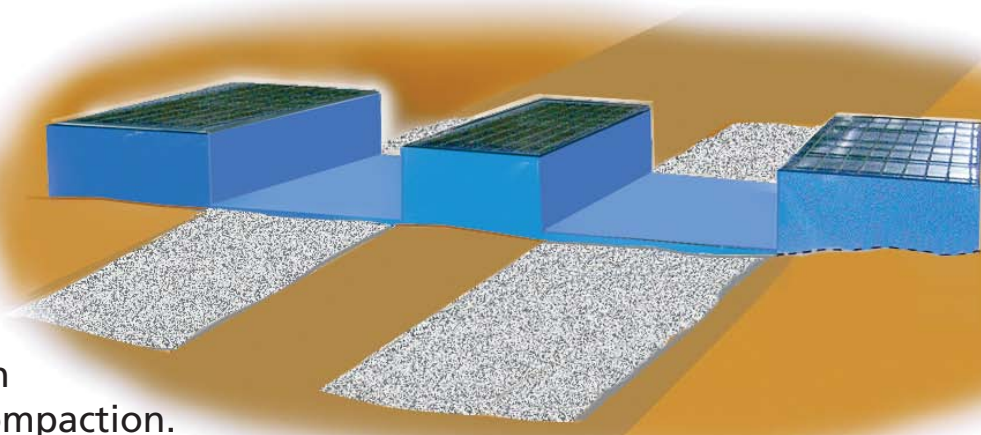
Compact 4" of stone
in excavation.



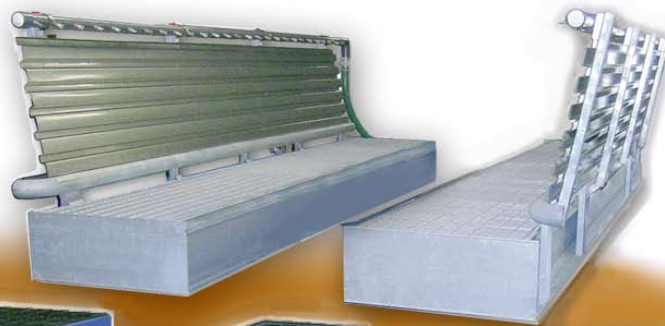
Lower Tank into opening. Backfill Tank Tank level is measured from bottom of tank and is marked at the factory

Stone and Tamp

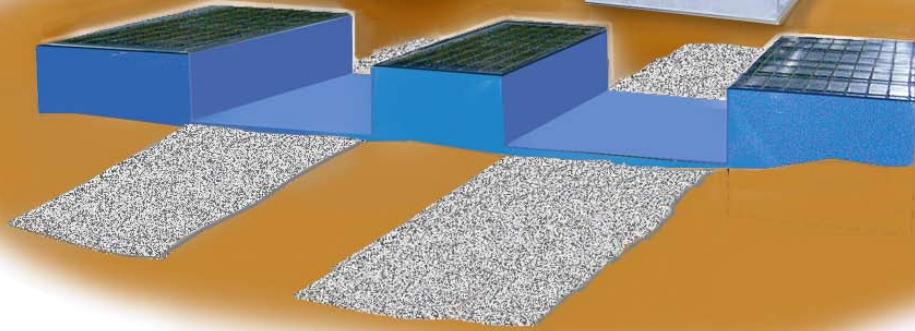
Place 4" of stone under trough area and tamp to between 97% and 98% compaction.



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



Compacted stone to be 1" higher than tank slot



Backfill Troughs up to 5" below top of Troughs

Opti-Eye Sensor

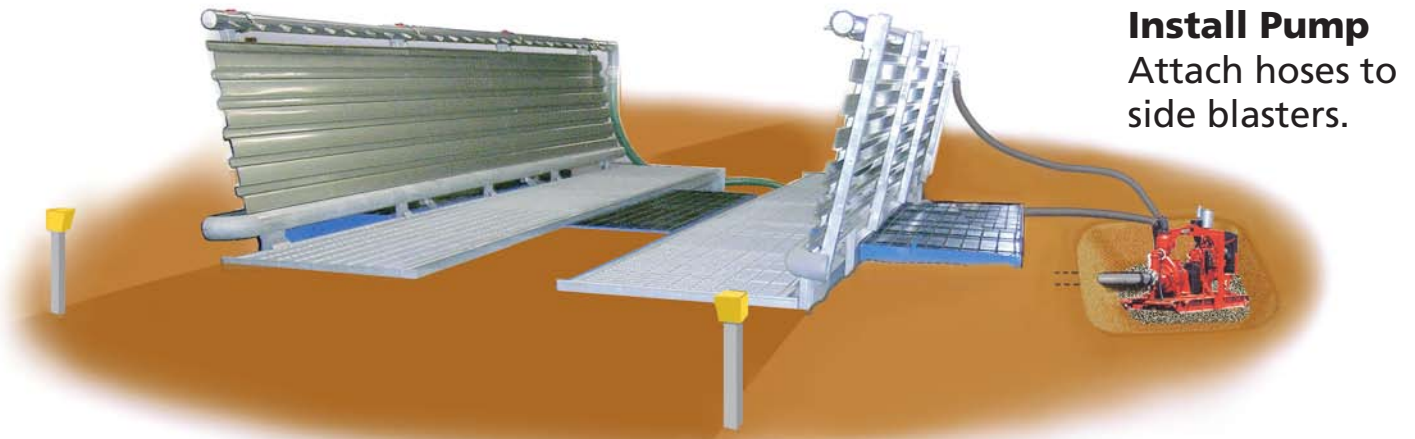
Truck Travel

Concrete Block Footers or Portable Opti Pedestals

10 to 15 feet

Excavate Cavity for pump placement 8'x 8' x 3' deep

Install Suction Hose from tank to diesel pump



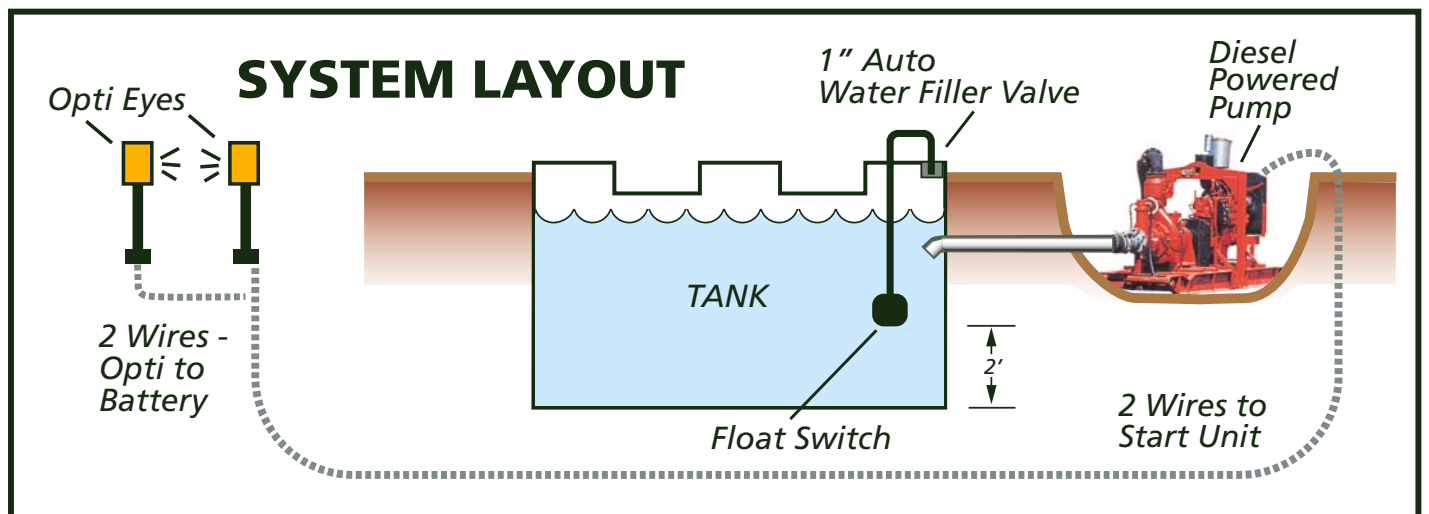
Install Pump
Attach hoses to side blasters.

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



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

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