

HIGH PRESSURE WASHOUT SYSTEM FOR PLANETARY, TWIN SHAFT AND PAN MIXERS

Cleaning your mixer is a dangerous, difficult and dirty job, but not with **Scale-Tron's High Pressure Washout System**. It's the safe and cost effective way of cleaning your mixer while giving your team additional production time.

Now you can rely on a truly effective and automatic way of cleaning your mixer. The Italian made washout heads, together with the powerful pump, combine high pressure and high volume to force jets of water into every corner, blasting deposits off walls, arms and paddles. Coupled with Scale-Tron's automatic control unit, the complete system is a very efficient, reliable and flexible solution to automatic washout for all mixers.

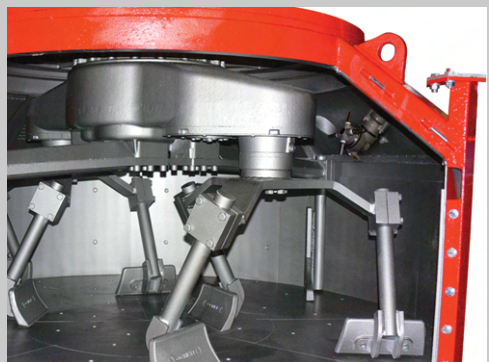
One, two, three or four washout heads are positioned inside the mixer to cover all surfaces. These self-powered heads require no electrical connections; they are powered by an internal turbine giving the torque needed to power through the day's concrete buildup. The size of the jets is matched to the pump to guarantee full 1000 psi pressure, giving the tremendous force that is necessary to remove stubborn buildup. The manual hand-wash lance eliminates any traces that remain after the automatic cleanout cycle as well as cleaning hoppers, chutes and exterior surfaces.

SYSTEM FEATURES

- Washing heads have four powerful jets, giving a 360° pattern that washes upward as well as downward cleaning all surfaces.
- Water reservoir is plastic; no rust, cracks, leakage or other life limitations common to steel tanks.
- Reservoir capacity is 150 gallons; plenty of reserve for even the biggest jobs with this size of pump.
- Reservoir and pump are separate, allowing location in tight corners if required.
- High-power hand-wash lance and hose are included.
- Compatible with all types of mixer except rotating drum type.
- Water meter can be added to allow inter-batch washout water to be used and recorded in next batch of concrete.
- Control system includes starter and safety disconnect switch with mixer cover interlock input.
- Designed in North America and UL/CUL certified.



A80R heads installed in a twin-shaft mixer



A80R head installed in a planetary mixer

SPECIFICATIONS

Washing Heads:

A80R, European manufactured heavy-duty washout head designed especially for concrete mixers and similar applications. 4 jets, 20 gpm, 1000 psi working pressure. Nozzle head rotation is driven by an internal turbine with high gear ratio, giving the torque necessary to power through built-up deposits of concrete. Additionally the head rotates horizontally, giving a spherical (omnidirectional) washing pattern, suitable for cleaning all types of mixers, buckets, chutes and hoppers. Requires clearance of 9.75" below mounting surface. A 6" diameter mounting plate is supplied with every head. Head kit includes head, hoses and sequencing valve.

Control System

The self-contained washout controller allows three modes of operation:

- Manual operation, where pump is started manually and water flow is directed to the washout heads or to the hand wash gun for cleanup.
- Timed wash cycle, where pump is run for a presettable time.
- Remote control from batching controller, where mixer is started, discharge doors are closed and a timed wash cycle takes place. After the wash cycle, mixer continues to run for a programmed interval to complete the process, followed by a discharge cycle. Alternatively, after each batch a short washout can be set, with the water being timed or metered and the amount deducted from the water added in the next batch.

Power: 110, 220VAC. Control voltage is supplied from an external source.

Pump units

2550-20 –15 horsepower pump, 20 gpm at 1000 psi, suitable for all mixers by sequencing 1, 2, 3 or 4 washout heads.

Dimensions: 40" W x 30"D x 22" H

Power: specify your choice when ordering of 380, 480 or 575V. 50 or 60Hz, 3-phase.

Reservoir

150 gal, 30" x 56" H with high/refill/low sensors and solenoid filling valve.

Hand Wash Gun

Hand wash high-power gun suitable for clean-up work, supplied with 20 ft hose and 2-way solenoid valve, all included in basic package.

OPTIONS

2-way solenoid valve can redirect pressure to a second mixer.

Water meter connected on low-pressure pump inlet meters water, allowing it to be included as part of the next batch.

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