

HP Washout

RELIABLE HIGH PRESSURE WASHOUT FOR ALL MIXERS

Eliminate the difficult and dangerous daily mixer cleanout and give your crew up to 30 minutes more production time every day – at no extra cost!

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 gun eliminates any traces that remain after the automatic cleanout cycle as well as cleaning hoppers, chutes and exterior surfaces.

FEATURES

- Washing heads have four powerful jets that slew as well as rotating, giving a 360° pattern that washes upward as well as downward to clean all surfaces.
- Offset installation gives coverage behind shafts in twin-shaft mixers.
- 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 gun 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 in next batch of concrete.
- Companion control system includes starter and safety disconnect switch with mixer cover interlock input.



A80R heads installed in a twin-shaft mixer



A80R head installed in access cover of 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.

Other heads available for tanks and special applications. Contact us for details.

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

Reservoir:

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

Accessories:

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.

Optional extra 2-way solenoid valve can redirect pressure to a second mixer or chute, hopper etc.

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



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. Solenoid valve can direct flow to the washout heads or to the manual gun.

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. Mixer then stops. Alternatively, after each batch a short washout can be programmed, with the water being timed or metered and the amount deducted from the water added in the next batch.

Two mixer version washes either of two mixers to save on the pump and controls.

Power: specify your choice of 380, 480 or 575 V, 50 or 60Hz, 3-phase when ordering, as well as 110, 220 VAC or 24VDC control voltage.

Control voltage is supplied from an external source.

Cabinet: 24" x 24" x 8" deep, NEMA-4, with lockable disconnect switch and manual /automatic switches on front panel. UL certified.



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