



SILO DELIVERY  
SYSTEMS

# D2W CONTINUOUS MIXING SYSTEM



## CONTINUOUS OUTPUT—CONSTANT QUALITY.

The SPEC MIX D2W is the ultimate SPEC MIX silo material mixing system that provides contractors the flexibility and control they need for staging and managing their product needs. It functions like a miniature on-site batch plant that reduces labor and clean up, eliminates material waste, produces highly consistent product, and above all maximizes the productivity of any size crew. From masonry mortars and grouts to stucco and shotcrete formulas, the SPEC MIX D2W system is a contractor's ideal solution for higher production and profitability.

Specifically designed to attach to a SPEC MIX G7000 or Ten Bagger silo, this continuous power mixing auger system utilizes a unique array of specialized mixing paddles and agitators. It folds and shears any preblended cementitious product to efficiently hydrate the dried aggregate and mechanically work natural air into the material for maximum workability, open times and boardlife.

The patented mixing chamber, shaft and paddles resist cement sticking to them and the preset wash-out cycle allows the SPEC MIX D2W to self-clean in 2 minutes; there is no need to disassemble the mixer. There is no sand to shovel; bags to lift and risk of back injury and certainly no trash or dust at the mixer. If the project requires colored mortar, dry-pack deck mud, coarse grout or concrete repair products, the SPEC MIX D2W will produce the product quickly and consistently—all day, every day and it's all done with the flip of a switch. With SPEC MIX you work smarter not harder!

NO JOBSITE MIXER REQUIRED, QUICK, EASY  
AUTOMATIC CLEAN OUT, MIXING ACTION  
ENSURES WORKABILITY, FEEDS PUMPS, TUBS  
& GROUT DELIVERY SYSTEMS, MINIMIZES  
LABOR & INCREASES PRODUCTIVITY, OPTIMIZES  
WORKSPACE & IMPROVES JOBSITE EFFICIENCY,  
REDUCES MATERIAL WASTE



## D2W CONTINUOUS MIXING SYSTEM



The SPEC MIX D2W has been designed specifically to mix factory preblended materials. The unique mixing paddle configuration ensures maximum workability and board life. Simply push a button to mix and another for total clean out. Cut man power and increase production EVERY DAY!

### SPECIFICATIONS

#### POWER REQUIREMENTS

- Single phase 230V, 50A  
(Consult electrician for main power hook-up, typically use 8 ga or sometimes 6 ga wire depending on length of run)

#### GENERATOR REQUIREMENTS (IF USED)

- Minimum 18Kw

#### ELECTRIC CONTROL PANEL

- UL rated components
- NEMA 4 rated weather resistant enclosure
- Manual or remote control operation

#### MOTOR

- 5 HP electric

#### WATER PUMP PANEL

- Flow adjustable from 1 to 15 GPM (3.7 to 56.7 LPM)

#### WATER REQUIREMENTS

- Pressurized Water - Use a 1 in (25 mm) diameter water hose with 3/4 in (19 mm) ends
- Standing Water - Use a 200 gallon (757 L) container (minimum)

#### WET MIX OUTPUT (approximate)

- 1/2 Pitch Screw: 3.5 to 5 cu yd (2.6 to 3.8 m<sup>3</sup>/hr)
- 3/4 Pitch Screw: 5.5 to 7 cu yd (4.2 to 5.3 m<sup>3</sup>/hr)
- Full Pitch Screw: 7.5 to 9 cu yd (5.7 to 6.8 m<sup>3</sup>/hr)

\* Based on current D2W configuration. D2W specifications may change slightly due to the model year of manufacture. Confirm the D2W specifications with your SPEC MIX representative.

### FOR MORE INFORMATION:

- CONTACT YOUR LOCAL SPEC MIX<sup>®</sup> MANUFACTURER
- VISIT [WWW.SPECMIX.COM](http://WWW.SPECMIX.COM)
- CONTACT SPEC MIX<sup>®</sup>, INC.  
PHONE: 888-SPEC MIX FAX: 651-454-5315

### OPERATING AND SAFETY INSTRUCTIONS



**STEP 1:** Connect all power cords on the bottom on the electrical control panel to the cords from the SPEC MIX D2W, vibrator and water pump panel. Connect main power cord from the electrical panel to 230V, 50A service. Consult electrician for main power hook-up, typically use 8 ga. or sometimes 6 ga. wire depending on length of run. Make sure the plugs are properly matched and twist locked into place.



**STEP 2:** When connecting to a pressurized water source, use one inch diameter hose line with 3/4 in (19 mm) ends. To do this, attach the 3/4 in (19 mm) water hose adaptor to the fitting on the lower right of the water pump panel and then connect the 3/4 in (19 mm) hose end to the adaptor. If pressurized water is not available, water can be siphoned from a standing water source. To use standing water, attach the 8 ft (2.4 m) siphoning hose with strainer. Check the valve inside the strainer to make sure it is operating properly. Always use a large standing water source, a minimum water container size of 200 gallons (757 L) is recommended.



**STEP 3:** Turn on water. Open the butterfly gate by pulling the handle to the open position to allow the material to flow into the SPEC MIX D2W.



**STEP 4:** Make sure that the indicator switch is set to mix. Set the mix time dial to the amount of time that you desire the SPEC MIX D2W to run (between 1 and 10 minutes). The indicator switch can also be set to continuous mix. Set the mix location switch to either local or radio (remote). Turn the power on. The SPEC MIX D2W will begin mixing material if it is set to local operation. If set to remote, press the 1 button on the remote to begin mixing. Mixing can be stopped by either reaching the time setting on the mix time dial or by pressing 2 on the remote. Mixing can also be stopped by pressing the stop buttons on the control panel.



**STEP 5:** Once mixing has begun, the water content of the material being mixed can be adjusted by turning the water adjustment valve on the water pump panel. The flow of water can be gauged on the flow meter which will measure from 1 to 15 gallons per minute (3.7 to 56.7 liters per minute).



**STEP 6:** To clean the SPEC MIX D2W after use, first shut off the flow of material by closing the butterfly gate using the gate handle. Then, change the mix indicator switch to clean. Next, either press 1 on the remote or start on the panel if running the machine locally and the SPEC MIX D2W will run itself clean in approximately 2 minutes and will shut off automatically.



**STEP 7:** The water pump panel can be drained at the end of the day at the two drain valves located at the bottom of the panel. Both the water pump and electrical panels can be removed from the silo easily and quickly by unplugging the electrical cords and hoses and releasing the mounting brackets.