

Wilco

Cement Combo Trailer



50-bbl blend capacity, 310-ft³ bulk transport-storage capacity

Our Wilco™ WCU-50/310 combination cement batch mixer and bulk transport trailer assembly is designed to fill, circulate, and discharge blended cement, water, and bulk cement, and to transport your material. You are able to blend and recirculate through a 50-bbl tank then to displace to a pumper. Our versatile manifold system is set up to perform a variety of different styles of blending. The compressor pneumatically displaces powdered bulk cement from 310-ft³ bulk transport-storage tank to blender tank.

Features

- 6×5×11 centrifugal pump is used for water fill, circulation of slurry through the mixing tank, premixed slurry fill, and discharge of slurry
- Three rows of paddle-style agitators in blender vessel designed to create toroidal flow within the blender.
- The cement mixing agitator, centrifugal pump, and air compressor are run with hydraulic motors.
- Cat 6.6 Tier IV engine used to run the hydraulic pumps for the drive motors.
- Conical prehydrator may be optionally used for manually loading additives or bulk material into circulation line just before it enters blender, while mixing “on the fly.”
- Middle work platform allows front end loader equipment to deliver pallets of additive and bulk materials to work platform. Safety rail on access side of work platform doubles as full opening gate.
- Panel-control stand for remote control of air-actuated valves, engine, hydraulic drives, and APOG compressor. Valves within reach of the operator are manually-controlled.
- Support and bracing technique used for tanks and work platform is designed to minimize vibration on the work platform.
- Straight, non-upset side beams provide support for heavier loads during mixing.
- Manifolds latched to the inside of the frame sides and are designed for easy cleanup and maintenance.
- The “swirl” type mixing head is the confluence of the lines for 1) slurry recirculation, 2) water fill, and 3) dry bulk cement fill.
- The mixing head is located at the top of the cement blending vessel. The head allows powdered cement to be hydrated before entering the blender.
- The two 3-in. water fill lines go directly into blender top and into the cement mixing head.
- Rear platform designed for carrying four standard shipping pallets. Handrails on both sides double as full opening gates. The platform is useful for transporting sacks of bulk materials, additives or casing cementing equipment such as float equipment, shoes, centralizers, and more.
- 10-gallon prewash system for applying no-stick soap to vessel before mixing job.
- Safety gates on access points to work platform, engine work platform and rear carrying platform.
- Placards on sides of rear platform and middle platform, and front and rear of trailer.