

52-Meter "Semi-Trailer Mounted" Concrete Boom Pump



- 170 ft Vertical Reach
- Unique 5-Section "Multi-Z" Boom Design
- Exclusive Semi-Trailer Mounting
- 210 yd³/hr Max Concrete Output
- Free Flow Hydraulics

Boom The Putzmeister 52-Meter semi-trailer mounted concrete boom pump offers the most versatile "5-section" 170 ft boom that outperforms all the rest. The unique patent-pending "Multi-Z" boom design provides the ability to unfold quickly and easily, allowing immediate use - even in congested areas. With the lowest unfolding height of anything in its class, the 52-Meter features five shorter boom sections with significantly better articulation for quick job completion - both indoors and out. In addition, central automatic lubrication for boom and pedestal are featured as standard.

Semi-Trailer Mounting Exclusive semi-trailer configuration allows a greater axle spread for easier and more cost-effective permitting. A tight turning radius enables easy maneuverability within crowded streets and congested job sites. Plus, our patented "pull-lock" system enables the quick and safe connection between the semi-trailer and tractor. Straight truck configuration also available.

Delivery Line The boom is equipped with a 5 inch induction hardened delivery line mounted in easy lift-out brackets for simple delivery line replacement. Standardized elbows and straight pipe sections are used for common component availability and easy replacement.

Pedestal The boom pedestal is integrated in the large semi-trailer frame, which serves to spread the load over the largest possible area for better rigidity. The boom pedestal features access openings to simplify changing the turret pipe, and it also incorporates both the hydraulic oil tank and water tank for improved weight distribution. Triple suction filters with indicator gauges are located in the pedestal for easy access, and a condensation trap is also located in the tank to collect water. Two spacious 12'6" (3.81m) long decks allow convenient storage of pipe and hoses.

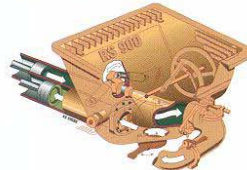
Outriggers All outrigger functions are fully hydraulic with integral cylinders. Front outriggers swing-out, telescope and extend down while the rear outriggers swing-out and extend down. For extended on-site use, a diesel fuel tank is built into one of the rear outrigger legs and holds up to 185 gallons (700L). Note: One Side Support (OSS) offered as an option.

Radio Remote Controls The pump comes standard with radio remote controls, featuring fully proportional boom speed control for smooth and precise positioning of the booms at greater distances. This is an extremely important feature on larger sized models since at their extreme reach, even a small amount of movement can result in a faster moving boom at the end hose.

Clean Out A 406 psi (28 bar) hydraulically-driven water pump with a 238 gallon (900L) water tank in the pedestal and an additional 185 gallon (700L) water tank in one of the outrigger legs make clean out easy.

Concrete Pump With the same setup, only Putzmeister has the technology to offer both 210 yd³/hr output and provide 1233 psi concrete pressure with its standard .16H pump (on the rod side). With competitive designs, you have to decide if you want either high pressure or high volume. Key features include a free flow hydraulic system for smooth controllable pumping as well as hard chromed concrete cylinders and automatic lubrication of the concrete pistons for long service life. This pump has a fully adjustable volume control which allows very slow pumping while retaining full concrete pressure and boom speed. The pump is powered by a 330 hp 6-cylinder Cummins diesel engine which is mounted beneath the deck for good weight distribution and clear deck space.

Only Putzmeister Offers You a Choice of Valves...



BSS • S-Valve Hopper RS905
S-Valve 2016 Hard Faced
8" to 7" (200 to 180mm)
Hopper capacity
21.2 cu ft (600L)
Hopper height
51.0' (1295mm)

BRS • C-Valve Hopper RC702

C-Valve B2314
8" to 6" (200 to 140mm)
Hopper capacity
14.1 cu ft (400L)
Hopper height
53.5' (1359mm)



Ask about our new "Big Mouth" valve.

