



PFlow Industries Highlights VRCs for Semiconductor Manufacturing Environments

Provide smooth, controlled starts and stops to protect delicate components

Milwaukee, WI – [PFlow Industries](#), the pioneer in vertical reciprocating conveyor (VRC) technology, highlights its VRCs, including the M Series and F Series, for the semiconductor industry.

PFlow's [M Series](#) Mechanical VRCs are engineered to deliver precise, controlled vertical movement with smooth starts and stops, protecting sensitive equipment and materials in any specialized operating environment — capabilities that are especially critical in semiconductor manufacturing and other precision-driven industries. Compatible with protocols for controlled environments, the M Series can be custom-designed to fit any facility's layout, support integration with automated material handling systems (AMHS), and reduce manual handling. Capable of lifting up to 10,000 pounds and reaching unlimited floor levels, the M Series ensures continuous uptime and can be customized to meet the unique needs of each specific semiconductor. Manufacturers benefit from greater efficiency, safer handling, and overall reduced operational downtime.

For heavier or oversized equipment, the [F Series](#) VRC addresses the complex demands of semiconductor manufacturing, with a standard load capacity of 50,000 pounds that is customizable up to 200,000 pounds. The F Series offers unmatched carriage size flexibility and permits loading and unloading from all four sides, enabling the most flexible traffic patterns required by advanced production lines. This robust four-post lift supports frequent, high-capacity transfer of large or multiple pieces of semiconductor equipment and integrates seamlessly with facility automation systems. Built for relentless, high-demand operational cycles, the F Series assures productivity and operational continuity for years to come, while providing owners with confidence in compliance, contamination control, and long-term value.

PFlow VRCs are more than standalone equipment; they are integrated infrastructure serving as a permanent part of facility design that delivers long-term operational resilience for semiconductor manufacturers. The robust infrastructure approach delivers strong ROI through reduced labor costs, fewer workplace injuries, and faster, safer throughput. All PFlow solutions are engineered to meet ASME B20.1 conveyor requirements, and are designed for mission-critical reliability with 24/7 operation, low maintenance, and decades of dependable performance.

"Every industry is under cost and compliance pressure," says Dan Hext, National Sales Director at PFlow Industries. "Our VRCs help facility operators achieve maximum throughput and efficiency while maintaining the highest levels of safety."

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About PFlow Industries

PFlow Industries is the global leader in vertical reciprocating conveyors (VRCs), pioneering solutions that safely and efficiently move materials between levels. Since 1977, PFlow has set the standard for innovation in vertical material handling, with thousands of VRCs operating worldwide across industries including manufacturing, warehousing, food processing, pharmaceuticals, retail, and data centers. From engineering and design through product delivery, PFlow provides custom VRC solutions that improve operational efficiency, enhance safety, and reduce long-term operating costs.