



In 1968, after a successful career in sales with Maginniss Vibrators, Minnich Manufacturing founder Roger Minnich bought a three-bay auto repair facility in downtown Mansfield, Ohio and began producing high cycle concrete vibrators for use in the road paving industry. Starting with one employee and a station wagon, Roger set out to leave a lasting impression on the concrete industry.

Shortly after starting the business, Roger pioneered the development of the hydraulic vibrator, which is most frequently used on concrete pavers today. Soon after, Roger developed a hydraulic package, including vibrators, pumps, and a power system, allowing him to go into a contractor's facility and, in three days, convert a paver from hi-cycle to hydraulic. This enabled Roger to meet contractors throughout the country and develop many strong relationships that enhanced his vibrator sales.

In 1981 the success of the hydraulic vibrator allowed Minnich to purchase Maginniss Vibrators, greatly expanding the high cycle line. This added a line of structural high cycle vibrators and high cycle generators. To compliment these products, a 60 cycle electric flex shaft vibrator was also developed. Over the years as product lines and employees increased, four building additions were completed around the initial structure.



Roger Minnich and First Employee, Kermit Cordrey



Mansfield Facility, mid 1980's

Dowel pin drills were designed and added to the product lineup in 1985. These units were developed to drill holes into concrete slabs for patch jobs or lane additions. Along with a standard lineup of units, Minnich began custom designing units according to customer needs.

In 1993, Roger's son, Jim Minnich, joined the company and took over operations. At that time, a 7,000 square foot building addition was started to house the expanding dowel pin drill line. Around the same time, a 24 hour a day, 7 day a week test lab was created for the hydraulic vibrator line. This lab allowed for continual monitoring of the standard units as well as testing of new ideas.

Minnich began working on it's first hydraulic vibrator monitoring systems in 1997 to provide the paver operator with vibrator VPM readings on the control panel of the paver. In 2000, Minnich introduced the Auto Vibe III Total Vibe Control System, which not only gave the operator VPM readings, but actually controlled the vibrator VPM.



Minnich Auto Vibe III Monitor and Hydraulic Vibrator

In 2006, dust caused by the drilling process became an issue for both highway traffic and operator safety. To combat this issue, Minnich began designing a Dust Collection System. Initially aimed at containing the dust for visibility issues, the Dust Collection System also improved the health conditions on the job. In 2008, the National Institute for Occupational Safety and Health (NIOSH) approached Minnich about testing the Dust Collection System to verify how effective the system was. The results of this test found that system was highly effective. Minnich and NIOSH continue to work together for the health and safety on the job. The dust collection system is available as an option on all drill units.

In late 2008, Minnich began pioneering the development of the first wireless controls for dowel pin drill units. These controls allowed the drill operator to stand away from the job traffic and dust created from drilling into concrete. Each wireless unit is programmed with a remote control transmitter and receiver. These boxes talk through radio frequencies to control the unit. Along with the wireless drill controls, Minnich overhauled the standard units to allow for more productivity and efficiency.



Minnich A-4SCW Wireless Drill Unit

Minnich added two new categories of drills in 2011 with the development of the Mid-Range Drills and Utility Drills. Mid-Range drills are used in several applications where mid-range hole depth is required, up to 24 feet. These units have been used for pinning boulders, splitting rocks, and in quarries. Utility drills were developed to offer a more ergonomic option to hand held drills. These units are designed to fit in tight space restrictions, such as installing fiber optic line in pavement.



Minnich Utility Drill

As product lines were increasing, available space at the old facility quickly shrank. In 2011 it was decided to move to a new location in rural Ashland County, Ohio. The new facility offered around 15,000 additional square feet of space along with an open floor plan. Unlike the previous location, the openness of the manufacturing facility allowed work stations to be set up to increase efficiency and productivity. The building is situated on 17 acres of land, allowing for additional expansions as the need arises.



Minnich Hornet Drill

In late 2011 and early 2012 Minnich began working with gas utility companies to design a drill for their unique application. This drill, the Hornet, was developed to drill a small hole vertically into pavement to check for underground gas leaks.

Minnich Manufacturing strives for excellence by continually developing and testing new ideas and technologies. While the product line has expanded significantly, the core mission of Minnich remains the same: To meet customer needs by supplying a superior product.



Minnich Manufacturing's New Facility