

CASE HISTORY

JORE CORPORATION

Coolant Mist & Smoke Removal

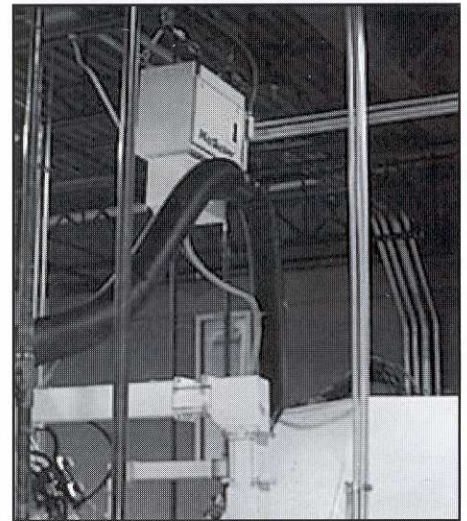
Beginning with only a portion of an \$8000 student loan in 1989, the Jore Corporation, headquartered in Ronan, Montana, has grown to be a leader in the design, manufacture and marketing of innovative power tool accessories and hand tools for the do-it-yourself and professional craftsman markets. Its rigorous dedication to quality, focus on technology and drive to develop the most innovative products has earned Jore its spot in retail stores such as Sears, Home Depot, Canadian Tire and Truserv. Its aggressive expansion of new products and growing customer base for existing products propelled Jore Corporation to increase its net revenue from \$9.7 million in 1996 to \$54.9 million in 1999. In addition, Jore is dedicated to improving the lives of its nearly 600 employees through on-site health fairs, education programs and a continuing commitment to the community.

Business success brought with it high demands for product and made it necessary to increase production and efficiency. The increased production created an indoor air quality concern that demanded a low maintenance and cost effective solution. Though the levels of mist and smoke particulates were well below the permissible exposure levels

(PEL), Jore's desire for improved air quality was paramount. Initial attempts to improve their air quality with centrifugal mist collectors proved unsatisfactory as the centrifugals did not sufficiently remove the mist and could not remove any of the smoke. As a result, a haze was still present in their facility. Worse still was the time spent repairing and rebalancing the centrifugal collectors which took away from productive labor. Jore needed a better solution.

At this point, Air Quality Engineering approached Jore with an innovative new product that is demonstrably superior to old-style centrifugal mist collectors. Air Quality's new MistBuster uses an innovative combination of electronic and mechanical impingement technologies to provide extraordinarily high efficiency on both the mist *and* smoke particles. Other MistBuster technical features include: quiet operation, no drum to go out-of-balance, no chips enter the air cleaner, low-maintenance, no filter replacement and minimum operating cost in an easily installed machine-mounted compact unit.

Jore decided to try one in December 1999 on a no risk 30 day factory backed performance guarantee. Upon installation



of the MistBuster from Air Quality, the Jore employees could immediately see the difference. The installation was easy and the efficiency was far superior, eliminating not only the mist, but the smoke also generated by their high-speed machine tools. The MistBuster proved to be more cost effective as well. After eight months of operation, the MistBusters, still did not require any maintenance while operating nearly 24 hours per day, seven days a week. As the centrifugal collectors required maintenance, Jore decided no further time or money would be spent repairing them and they were replaced by the high efficiency MistBusters. Jore currently has 27 MistBusters installed and is committed to the successful program of replacing the centrifugals with them.

Jore has already installed 27 MistBusters, and is committed to continuing the centrifugal-unit replacement program, as the out-dated equipment needs maintenance. Jore benefited from Air Quality Engineering's 30 years of experience in developing innovative air cleaning solutions. Air Quality's expertise allowed them to deliver on their promise to provide a compact filtration system for Jore that improved their worker environment with a cost-effective, low-maintenance system.

For more information contact

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