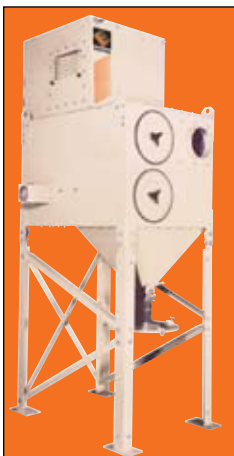


FOUR-AXIS MACHINES



Empire produces mold-cleaning machines capable of handling parts up to 65 inches in diameter and 10,000 pounds. The system shown below includes two turntables so loading and blasting can be performed simultaneously. To enhance versatility as well as further expedite cleaning, the system features a recipe-storage capability through which processing parameters for specific parts can be recalled with fingertip ease. In addition, a three-axis nozzle manipulator, shown to the right, provides easy access to hard-to-reach areas from above or below the part.



DUST COLLECTORS

Empire offers a large selection of dust collectors to support high-volume air-blasting.

The EM cartridge collector, shown to the left, increases air flow, expands filtration area and cleans filters automatically. The collector's filter-cleaning system includes, as standard equipment, a photohelic gauge that responds to high and low set points, measured by the pressure differential across the filtering material, to activate the jet-pulse cleaning process. Once the pressure limits have been set, these collectors essentially clean themselves.

The collector's intake area is specifically designed to extend the life of interior components and surfaces exposed to abrasive media. Its horizontal cartridges are easy to replace, provide large filtration area and capture 99.999% of particles one-half micron or larger.