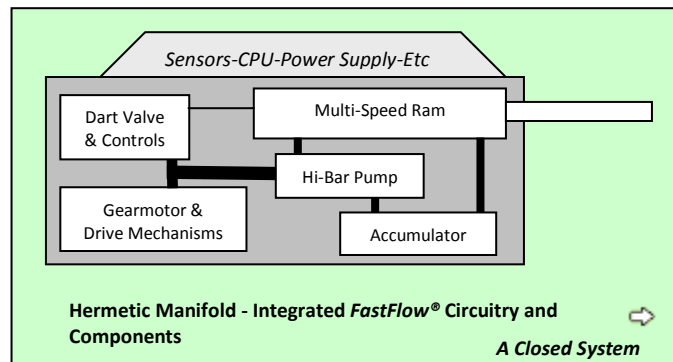


## Focus on Technology

At the heart of LatchTool Technology are **FastFlow® valves**; o-ring seals engineered to double as valves. Characteristically, they are **annular floating seal valves** where flow paths around pistons and ramrods are regulated by o-rings that automatically seal or unseat as pressures change within a system.

*FastFlow® valves* open and close instantly. For example, a three-speed PowerCylinder™ shifts circuits smoothly as it encounters increasing load. When motor driven, output modulates precisely as valves responds fluidically to changing resistance. Spool-valves are not required to shift or control circuits.

*FastFlow®* microhydraulic systems enable compact fluid power for the motion control industry. Figure 1 depicts elements of a closed, standalone electro-microhydraulic unit. Microhydraulics is fluid power with no valves™.



*FastFlow® Mechatronic System*

LatchTool Group practices an OPEN Business Model through a syndicate of engineering design firms and licensed OEM's. LatchTool is in the businesses of building an International Patent Portfolio and accelerating its technologies adoption through cross-licenses and collaborative developments.

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