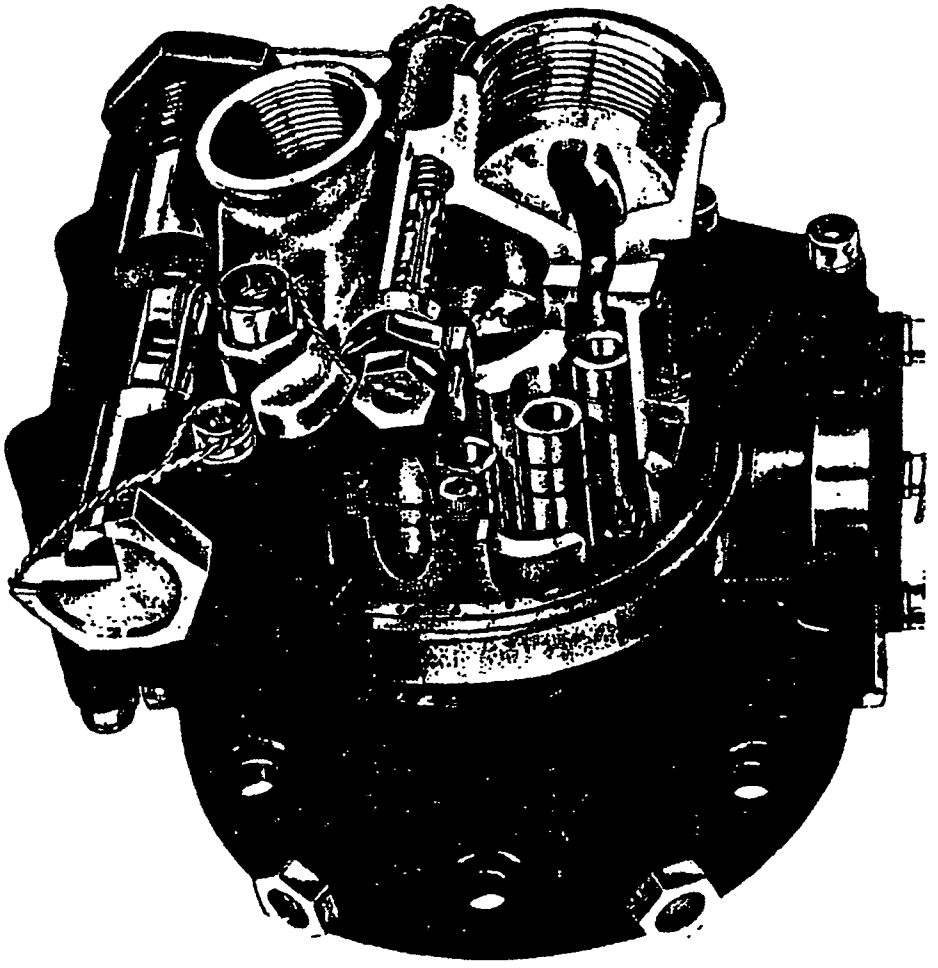
the muscle and brains of automation

Hydraulic control equipment manufactured in Brake Shoe plants in the United States, Canada, England, France and Germany is widely used throughout industry, transportation and defense.

Hydraulic power is the muscle of automation, unmatched in speed and smoothness when it comes to handling heavy loads and quick movements. That is why our pumps, motors and valves control the lifting, pushing, digging, turning, hoisting or steering on all kinds of industrial and mobile machinery ranging from fork trucks to ten-story strip-mine shovels. That is why thousands of our presses are used for high-production stamping, shearing, broaching, pelleting, staking, crimping, forming and scores of other manufacturing operations.

The world of flight requires muscle, too — for raising landing gear, lowering flaps, adjusting flight control surfaces, opening bomb bay doors or positioning the thrust of a rocket. These requirements are even more stringent, demanding greater power from components that are smaller and lighter. And that is why aircraft hydraulic pumps built by our divisions have become a standard for the industry -- as well as our servovalves, landing gear, flight surface control systems, actuators and other auxiliary devices.



Cutaway view of aircraft hydraulic pump.

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