

## BOOSTER PUMP CONFIGURATION

OUR PHILOSOPHY of precise positioning, actuator mounted components, minimum power consumption and reduced maintenance directed product design to smaller size (0.2-1.5 horsepower) power modules. As users became more familiar with our capabilities, a need for larger pumping systems became evident. Although larger pumps were available, such capacity and speed would limit our fine positioning.

To solve this dilemma, REXA developed a dual pump operation which utilizes a standard **Xpac** power module and a large capacity *Booster Pump*. The power module provides fine positioning, while a separate volume booster pump provides the speed. Small changes in position are performed by the power module only. The booster pump will operate when a large change in position is required. This dual pump operation allows REXA to extend its unique capabilities to large thrust or torque units and high-speed operation.

Two sizes of *Booster Pumps* are available: the P9 and the P40. The P9 is used in combination with the ½D size power module to provide 5 times the capacity of a D size power module or 2.5 GPM. A D size power module is used with the P40. The capacity for this system is 11 GPM equivalent to moving 80000 lb at a rate of 1 inch per second or rotating a 50000 lb-in drive through 90° in one second.



Model number designations are shown as:

- ½D, P9 -
- D, P40 -