

FLUID POWER SOLUTIONS

Safe, reliable, and energy efficient: fluid power solutions for hydraulically operated equipment

The superior design of Haskel pumps makes them the optimal choice for certain fluid power applications, outperforming conventional electric driven pumps.

KEY FEATURES

- As pressure is raised, Haskel pumps will slow down, stop and maintain pressure indefinitely without consuming power and heat generation.
- Flow rates are infinitely variable and continuous, without adverse effect from starting and stopping.
- Tank sizes can be small, allowing for more portable systems because overheating is not a problem. Conventional electric pumps require large tanks to dissipate heat or a cooling system fitting.
- Non-lubricating fluids such as water or soluble oil and water can be used.
- Seal material is wear-compensating and provides its own lubrication. This is not practical in electric-driven pumps where hydraulic fluid for lubrication and internal clearances are required. This creates a problem when:
 - Flow must stop and pressure must be sustained
 - Fluids are non-lubricating
 - Pressures are high
- Our pumps can operate on a continuous basis at a de-rated duty.
- Pressures of over 5,000 psi (345 bar) can be generated.
- Pumps are intrinsically safe for operation in hazardous areas.
- They can be connected into conventional circuits to take over from the electric-drive pump when the pressure increases and flow decreases. This greatly reduces the electric motor size in a situation such as rubber molding press where daylight closing is required under low load, and high-pressure sustaining for long periods is required during the curing process.

Haskel®



APPLICATIONS

- Bolt Tensioning
- Work Holding/Clamping
- Cylinder Actuation
- Tool and Die Change
- Hydraulic Machinery
- Welding Jigs & Fixtures
- Tail Ramps – Mobile
- Press Overload
- Filter Presses
- Rubber Molding/Curing Presses
- Hydraulic & Mechanical Presses
- Jacking/Lifting
- Lubrication
- Bearing Removal
- Beam Garage Jacks
- Accumulator Charging
- Roller Tensioning
- Stressing Tools
- Crimping
- Wire Forming