Energy Efficiency in Industrial Processes

Injection Molding Machine

**Hydraulic Fluid Supply**
- Internal Gear Pumps
  (Series QXEH for Variable Speed Drive, Open Centre)
- Valves, System Solutions
  (Directional, Pressure, Flow-Control and Check Valve W/D/M/R, System Manifold Block)

**Clamping Unit**
- Internal Gear Units
  (Series QXM for Variable Speed Drives in 4-Quadrant Operation, Closed Centre)
- Valves, System Solutions
  (Directional, Pressure, Flow-Control and Check Valve W/D/M/R, System Manifold Block)
- Cylinders
  (Double Action Cylinder DDWD, Locking Cylinder DWF, Dosing Unit PFD)

**Injector Pressing**
- Internal Gear Units
  (Series QXM for Variable Speed Drives in 4-Quadrant Operation, Closed Centre)
- Hydraulic Valves
  (Directional, Pressure, Flow-Control and Check Valve W/D/M/R)

**Auxiliary, Safety Functions**
- Valves, System Solutions
  (Directional, Pressure, Flow-Control and Check Valve W/D/M/R, System Manifold Block)