

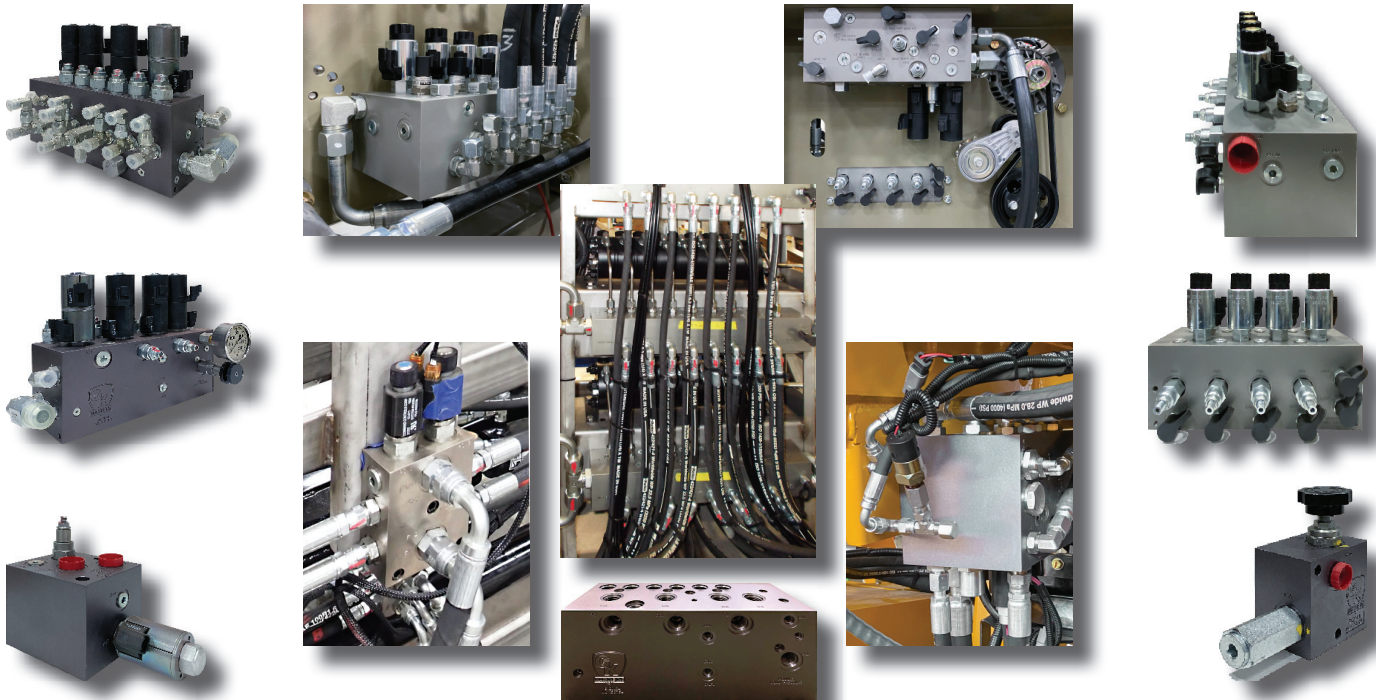
FROM CONCEPT TO COMPLETE MANIFOLD

Since 2015 GK Machine has offered hydraulic manifold design, assembly and manufacturing services. We design and manufacture almost all manifolds for GK manufactured equipment. This gives us insight on what it takes to manufacture, clean, assemble, install and service quality custom manifolds. This is a measurable and valuable quality of understanding that we pass on to our customers.

The Process:

- Quoting – Specialized software for quick, consistent and competitive quotes
- Engineering – Highly skilled engineers with many decades of design experience
- Programming – Utilizing advanced CNC software for dependable accuracy
- Machining – Talented machinists with many decades of experience
- Cleaning & Deburring – Inspect, clean, de-burr and contamination free
- Assembly – Under exact standards with stringent process and procedures
- Testing – Dynamic and static testing of assembled manifolds and reporting

With today's efforts toward energy efficiency, it is important that the hydraulic system is as efficient as it can be. A properly designed and manufactured hydraulic manifold can make a system more efficient, easier to maintain, and easier to troubleshoot. Whether you are looking for a one off custom manifold for your project or 50 manifolds, GK Machine will strive to meet and exceed your needs with quality, customer service and on time delivery.



GK Machine's custom manifolds are built to your exact measurements and specifications. We can design efficient, highly functional products that meet your specifications for prototype and production manifold solutions.

Machining Capabilities:



DMG MORI NT5400/1800SY PRODUCTION MILLING MACHINE

5 axis mill-turn with lower turret
X: 40.9"/1,040mm Y: 10"/255mm Z: 76.4"/1,940mm



DMG MORI NHX6300 PRODUCTION MILLING MACHINE

4 axis horizontal machining center
X: 41.3"/1,050mm Y: 35.4"/900 mm Z: 40.6"/1,030mm



DMG MORI CTX BETA 1250TC MILL TURN

5 axis and 60" bar feeder
X: 17.7"/450mm Y: 3.94"/100mm Z: 51.2"/1,301mm



DMG MORI DURAVERTECAL 5100 PRODUCTION MILLING MACHINE

3 Axis vertical
X: 17.7"/450mm Y: 3.94"/100mm Z: 51.2"/1,301mm



DMG MORI NLX 2500/700SY PRODUCTION MILL TURN

4 axis machining center and 48" bar feeder
X: 10.2"/260mm Y: 31.3"/795mm Z: 28.6"/728mm

Materials: Aluminum, Stainless Steel, Steel and Ductile Iron

GK Machine's Engineering Team will work closely with you at every step in the process, from the design and prototype stages through full production; to help ensure that your manifold matches your specific requirements.