



Big Elk
HYDRAULICS™

HYDRAULIC POWER UNITS

Custom Designed For Your Application

ERMC has grown to become the Upper Midwest's leader in the design and manufacturing of custom fluid power equipment. With over 60 years of experience in Mobile, Industrial, & Aerospace markets, ERMC offers a complete one point source for your custom fluid power needs. Our in-house design capabilities include certified fluid power specialists (CFPS) & Hydraulic Systems Engineers (HSE) dedicated to evaluating your new fluid power requirements along with servicing & upgrading your current systems.

With the added capabilities of Big Elk Hydraulics™ we handle complete material processing, welding, machining, assembly, & design-for-manufacturing services within our facility; so you can focus on yours.

- Custom & Standard Hydraulic Power Units
- Rebuild, refurbish, & upgrade existing equipment
- CFPS & HSE certified in-house service technicians
- Fluid Power Manifold Design & Manufacturing
- Solidworks 3D design & AutoCAD



Aerospace



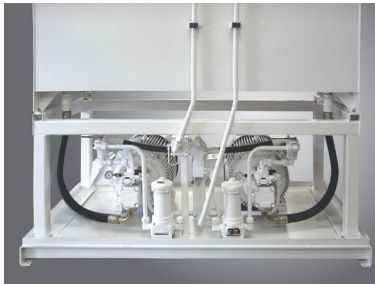
Infrastructure



Industrial



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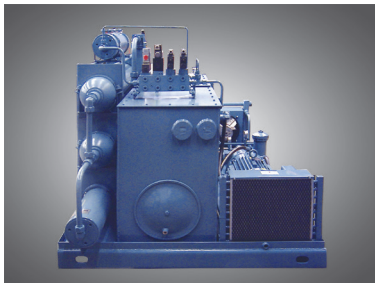
Truck dump hydraulic power units. 200 HP, 120 GPM @ 2500 PSI with proportional DIN logic flow control and bidirectional filtration.



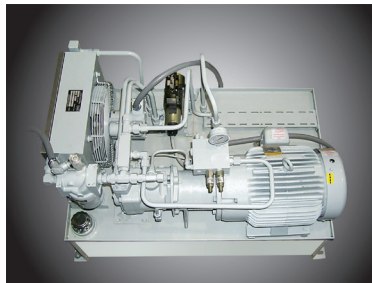
Military Hydraulic System for IED Locating Integrated custom manifold with accumulator for system auxiliary backup.



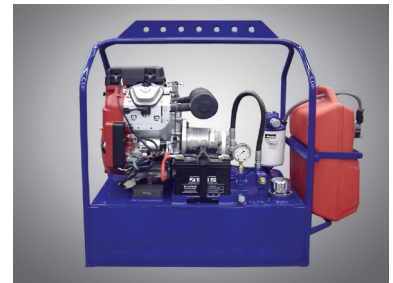
Calibration Carts for Military aircraft functional testing.



Industrial Hydraulic System capable of extending and retracting two 4.00" bore x 113.00" stroke cylinders \ in 3 seconds.



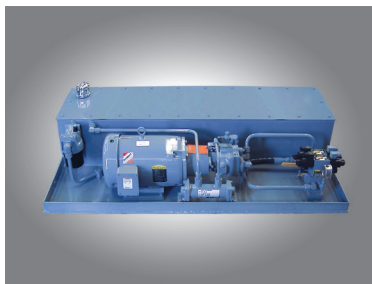
Industrial Hydraulic System uses in the metal forming industry.



Mobile Hydraulic Power Unit used for marine winching system.



Industrial Hydraulic HPU used in the manufacturing of metal 55 gallon barrels.



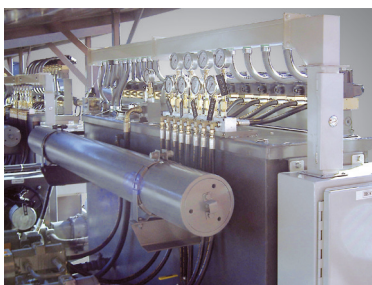
Custom Low Profile HPU use in the machine tools industry.



Portable Hydraulic Power Unit for test lab application.



Industrial Hydraulic HPU used in the poultry processing industry 150 HP, 75 GPM @ 3000 PSI



Industrial Hydraulic System used in the wood pellet processing industry with inverter driven motors for furnace walking floor speed control.



Hydraulic Filter Cart 50 HP, 250 GPM @ 300 PSI