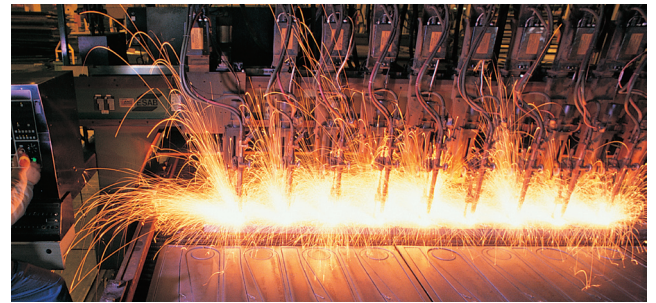
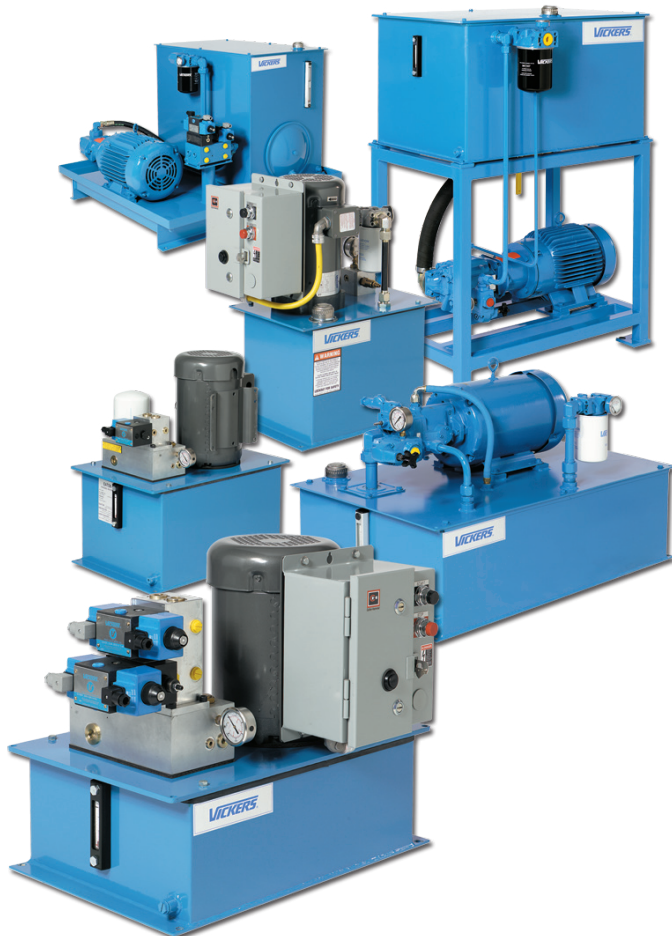




Power Products for Primary Metals

Solutions Focus

Eaton's years of extensive research and design in primary metals has resulted in power products custom designed to withstand hostile environments, vibration and shock of these applications.



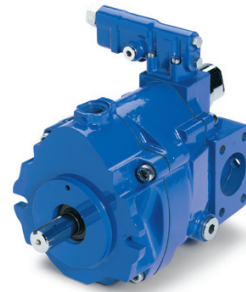
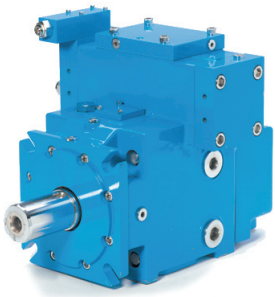
Power Units - Custom Designed for Primary Metals

Metal processing operations require systems which perform reliably, to specifications, under typically hostile conditions of high ambient temperatures, shock and vibration, and usage of fire-resistant fluids. Eaton's hydraulic power unit solutions take these factors into consideration, from the smallest auxiliary system to the largest central power system.

Our design teams analyze system duty cycle requirements, determine the optimal combination of motor-pump sets and accumulator capacity to provide the best solutions for primary metals. Tapping our extensive product portfolio of pumps, valves, filtration products and programs, electrical panels and components, Eaton strives to exceed customer expectations for new, retrofit or rebuild programs.



Pipe Processing Hydraulic Power Unit
2000 Gallons, 650 HP, 800 GPM



Hydrokraft PVX - PVW

Open Circuit X-W pumps are axial piston machines highly suited for primary metals applications. They are in use around the world on the most demanding applications, including special fire resistant fluids.

Specifications: Up to 350 bar (5000 psi); intermittent to 6000 psi rated pressure.

Displacements from 66cc to 750cc. Maximum speed range 2600–1800 rpm.

V/VQ

The V/VQ series vane pumps are the pioneers of cartridge-design vane pumps. They are well known for long operating life, outstanding efficiency, flexible configuration and easy serviceability.

The quiet 12-vane V series pumps are the most popular medium pressure industrial fixed pumps in the world.

That's why the VQ series pumps are widely adopted by world's leading mobile OEMs.

Specifications: Maximum continuous pressure up to 3000 psi/210 bar.

Displacement up to 11.8 in³/rev [194 cc/rev]. Speeds up to 2700 rpm. Available in single, double, triple and thru-drive pump frames.

PVM

The M Series Piston Pump family was designed as a quiet, medium pressure pump for industrial applications. The cradle swashplate design pumps were created with low noise in mind. Design features reduce both the structure-borne and fluid-borne noise levels to market leading levels.

Specifications: Full 280 bar (4000 psi) continuous, 320 bar (4600 psi) intermittent pressure.

Displacements from 18 cc to 141 cc. Pressure compensation and pressure/flow compensation controls. Mineral oil-based and fire-resistant fluid compatibility.

Accumulators

Eaton offers bladder, piston and diaphragm type accumulators in a wide range of sizes, bladder materials, port configurations and pressure ratings to provide optimum design flexibility.

A complete line of accessories are offered for proper installation and maintenance including safety shut-off blocks, clamps, repair kits, and charging and gauging units. There is also the assurance that the materials used in construction and manufacturing are controlled to exacting specifications and backed by Eaton's warranty. The warranty can be found at <http://hydraulic.eaton.com/products>.

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