

Hydraulics

Primary Metals



Casting, Rolling Mill

Furnaces

Sand Molding, Casting

Coating Lines

Hydrokraft Piston Pumps

- PVX 066-250
- PVW 130-750

- PVX 130-250
- PVW-130-500

- PVX-066-250

- PVW-130-500
- TVW-130-500

Medium Duty Open Circuit Piston Pumps

- PVM 057-141

- PVM 057-141

- PVM 018-141 PVQ

- PVM 057-141 PVQ

Vane Pumps

- VMQ
- V
- VQ

- VMQ

- VMQ
- V
- VQ

- VMQ

Heavy Duty Transmissions

- S1 3.9-7.6
- S2 3.9-6.4

Power Units

- Large Custom

- Large Custom

- Medium Custom

- Large Custom

Cylinders

- Mill Type, Large Bore

- Mill Type, Medium - Large Bore

- Mill Type, Small - Medium Bore
- NFPA Tie Rod, Small - Medium Bore

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- Mill Type, Small - Medium Bore

Industrial Valves

- Directional (D03-10)
- Proportional (D03-10)
- Stack (D05-D08)
- Slip-in Cartridge (NG16-63)
- Servo Valves & Pressure and Flow Controls

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SiCV

- Pilot Control - Pressure, - Flow Control (8, 10)

- Proportional Flow
- Pressure
- Solenoid Switching (8, 10)

Fluid Conveyance

- Braided & Spiral Hose
- Walterscheid Metric Tube Fittings

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Filtration

- H2O-gate & Fluid Analysis
- Pressure / Return / Offline Filters

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System Solutions - Coil Coating Lines

Surface coating and treatment are secondary processes to apply some type of finish to steel, after the coils leave the rolling mill. Processes to apply coatings include hot dip galvanizing, hot dip aluminizing, electrolytic plating, and coating/painting.

Hydraulics are used for various functions in each of these processes. The primary function, however, is position control for linear and rotary motions to operate these coil coating lines.

Eaton's Hydraulics Operations offers a broad range of products and system solutions that deliver smooth performance and consistent operation throughout these processes.

Pump schemes: Load sensing piston pumps, PVM, PVQ or Hydrokraft models, for energy efficiency. Packaged HPU's.

Rotary movement: Char-Lynn Low-Speed, High-Torque (LSHT) hydraulic motor technology.

Lifting & Positioning: Hydro-Line and Vickers brands provide NFPA Interchangeable, heavy duty mill cylinders.

Controls: DG & SICV valves and stack modules combine to accurately control coil position and loading. Remote control KB series valves provide proportional electro-hydraulic functionality.

Fluid Conveyance: SAE, ISO, DIN, BSPP connection styles & wear resistant Hose provided by Aeroquip products.

Char-Lynn Motor



PVM Pump



Packaged HPU



NFPA Cylinders



DG & SICV Valves



KB Valve



Hose and Adapters

