

Value Added Services

APPLICATIONS ENGINEERING*

- Design review
- System design
- AutoCAD Inventor 2007 platform
- Manifold design capabilities
- Electro hydraulic system design and programming
- Onsite custom engineering capabilities

TECHNICAL SUPPORT*

- High tenured employees to offer breadth of product knowledge
- Eaton Certified Inside Sales staff to ensure proper application of Eaton products
- Extensively trained employees

REPAIR, SERVICE AND TEST CAPABILITIES*

- Full range of fluid power component repair
- Maximum cylinder rod repair capability of up to 16" diameter
- Maximum cylinder bore repair capability of up to 20" diameter
- HVOF (High Velocity Oxy-Fuel) system to chrome cylinder rods for extended life vs. standard chroming processes
 - Reduces corrosion/rust on the surface of the component.
 - Improves performance of cylindrical metal parts dramatically lengthening component and seal life.
 - Increases impact resistance
 - Eliminates carcinogenic chromic acid solutions during the process.
- Test stands for variable piston (hydro-static transmissions) and valve spool leakage
- Largest test stand up to 750 horsepower
- Flow, pressure, and load test capabilities
- Eaton Certified repair facility

BILLINGS

410 Bernard St. Billings, MT 59101
406-248-7431/800-877-1090
Fax: 406-248-8586

GILLETTE

2700 N HWY 14-16, Gillette, WY 82716
307-682-5858/800-788-5858
Fax: 307-687-2040

SALT LAKE CITY

2206 S 2000 West Salt Lake City, UT 84119
801-972-8316/800-975-7278
Fax: 801-972-8321

BOISE

7417 W. Mossy Cup St. Boise, ID 83709
208-362-5655/800-784-1394
Fax: 208-362-5695

PORTLAND

2230 NE Columbia Blvd. Portland, OR 97211
503-249-2835/800-257-1002
Fax: 503-249-1090

KENT

19308 68th Ave S. Kent, WA 98032
253-796-1100/800-367-5646
Fax: 253-796-1101

YAKIMA

1930 Rudkin Rd. Yakima, WA 98903
509-248-0580/800-572-8351
Fax: 509-575-0250

MODESTO

1064 Woodland Ave. Ste. T, Modesto, CA 95351
209-549-0800/800-549-2730
Fax: 209-549-4760

ONTARIO

1901 Lynx Place Ontario, CA 91761
909-930-6611/800-860-6611
Fax: 909-930-6614



Service Capabilities

SPENCER
FLUID POWER
www.spencerfluidpower.com

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Our business depends on keeping your operations running.

We offer a host of specialized services that support customer needs beyond sourcing products.



SERVICE FACILITY CAPABILITIES	BILLINGS, MT	GILLETTE, WY	SLC, UT	BOISE, ID	KENT, WA	YAKIMA, WA	PORTLAND, OR	MODESTO, CA	ONTARIO, CA
Fixed disp. pump test stand (Qty/HP)	(2)-75hp	(1)-125hp		(1)-25hp		(1)-20hp	(1)-75hp	(1)-100hp	(1)-100hp
Piston/Hydro-static pump test stand (Size)	(1)-150hp	(1)-125hp	(1) 750hp		(1)-100hp	same as above	same as above	same as above	(1)-70hp
Valve test stand (Qty/Flow)	(1)-20gpm @ 3000psi	(1)-30gpm @ 3000psi			(1)-10gpm	same as above	(1)-50hp	(1)-50hp	(1)-100hp
Cylinder test stand (Qty/Flow/PSI)	(2)-45gpm @ 4200psi	(1)-15hp @ 3000psi			(1)-45gpm @ 4200psi	(1)-15gpm	same as above		(1)-15gpm
Cylinder assembly bench (Qty & size)	(2)-20"x360"	(1)-20"x240"			(1)-12"x144"	6"x36"			
Cylinder hone bench (Size dia./length)	(1)-20"x144"	(1)-14"x144"							
Hydraulic torque wrenches (Cap, lbs/ft)	(3)-50K lbs/ft	(2)-50K/7K ft/lbs							
Rod re-surfacing (HVOF) (Min. & max. size)	(1)-2"x160", 16"x160"								
Rod finishing (grinders) (Qty & max. size)	(2)-16"x160"	(1)-16"X140" polisher							
Profilometer for measuring surface finish	yes	yes							
Lapping table (Dia.)	12"	12"	24"		12"		12"	12"	
Optical flat for measuring surface flatness	yes	yes	yes					yes	
Valve body hone	yes								
Crane capacity (Qty & max. size)	(8)-10 ton	(4)-2 ton	(2)-1 ton		(1)-2 ton				
Hydraulic press (Qty & max. tonnage)	(2)-100 ton	(2)-100 ton	(1)-50 ton		(1)-20 ton	(1)-10 ton	(1)-10 ton	(1)-25 ton	
Automatic parts washers	yes	yes	yes		yes	yes	yes		
Bead blaster	yes	yes	yes		yes	yes			
Professional paint booth	yes	yes			yes			yes	
Forklifts (Qty & max. size)	(5)-30K max.	(3)-30K max.	(1) 5K max.	(1) 2K max.	(2)-5K max.	(1) 5K max.	(1) 3K max.	(1)-3K lbs	(1)-3K max.
Build center (Product)							Permco, 420 Eaton	Prince, Salami, Permco	Monarch Hydraulics
Field service truck (Qty & size)	(1)-F550	(2)-F550			(1)-F350				
Automated bore welding	yes	yes							
Machining lathe (Max. size & length)	36"x 180"	24"X180"						Small	
Machining horizontal boring mills (Max. size)	(2)-5"x48"	(1)-12"X60"							(1) 36" arm
Machining vertical mills (Max. size)	(2)-12"x48"	(1)-12"X36"	(1) 12" X 36"				(1) 12"x24"		(1) 36" arm
Welding	yes	yes	yes		yes	yes	yes		
Fabrication	yes	yes	yes		yes	yes	yes		yes
Engineering staff	yes	yes	yes	yes	yes	yes	yes	yes	yes
System design	yes	yes	yes	yes	yes	yes	yes	yes	yes
System manufacturing	yes	yes	yes		yes	yes	yes		yes
System installation	yes	yes			yes				
Specialties	Caterpillar components, Komatsu components, large pumps, large cylinders, power units	Caterpillar components, Komatsu components, large pumps, mid-size cylinders, power units	Large piston pumps, gear pumps		Piston pumps, conversions, power units	Gear pumps, piston pumps, small cylinders, power units	Piston pumps, power units, electronic controls, cad drawing, custom manifolds	Piston pumps, gear pumps, spool valves, power units,	Pumps, motors, cylinders, valves, gearbox

Please contact your field sales representative for local capability.