

J E. Myles, Inc.
310 Executive Drive, Troy MI 48083
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www.jemyles.com

**Refurbishment
of Saw Mill and Paper Mill
Machines**

Wood Products & Paper Machines Refurbishment

Servo Valves

- ⇒ **Replacement of Bosch/Rexroth servo solenoid valves**
- ⇒ **Trade-in discounts available - See us for details**

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MOOG D633 AND D634 DIRECT DRIVE VALVES (DDV)

ADVANTAGES:

- ◆ Moog's DDV have spool driving forces that are twice those of Bosch/Rexroth servo solenoid valve
- ◆ Moog valves have been upgraded to withstand shock and vibration of saw mills
- ◆ Increased operation at limits (at high pressure drops)
- ◆ Directly driven by a permanent magnet linear force motor with high force level
- ◆ Pressure-independent dynamic performance
- ◆ Low hysteresis and low threshold
- ◆ Low current consumption at and near hydraulic null
- ◆ Standardized spool position monitoring signal for troubleshooting
- ◆ Electric null adjust
- ◆ Can be configured with an offset fail-safe mode: with loss of supply voltage, broken cable or emergency stop, the spool shifts to a predetermined position without going to 5th position

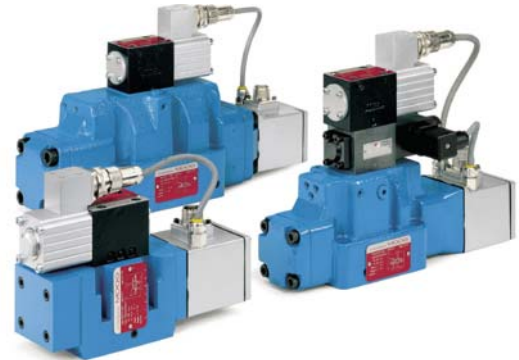


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MOOG D68X SERIES WITH MINI DIRECT DRIVE PILOT (DDV)

ADVANTAGES:

- ◆ No pilot leakage flow, resulting in significant energy savings
- ◆ Dynamics of the DDV is nearly independent of the operating pressure
- ◆ Reliable operation: Excellent pressure gain of pilot valve with spool/bushing provides high spool driving forces to long stroke main spool, thus ensuring enhanced main spool position control even with high flow forces and contaminated fluids
- ◆ Excellent dynamics based on high natural frequency allows high main spool position loop gain, resulting in extremely good static and dynamic response of main valve



MOOG D66X

ADVANTAGES:

- ◆ Flexible design elements optimize the valve to your application
- ◆ Highest flow capability for high velocity applications
- ◆ Reduced spool drive area for improved dynamic response
- ◆ Fail-safe versions for user defined spool position at loss of power
- ◆ Improved ServoJet® pilot stage dynamics for high dynamic valve design
- ◆ Improved frequency response for superior control system performance
- ◆ Down time reduced with improved resistance to contamination



Contact J. E. Myles today! (800) 968-JEMI (5364) ♦ ddougall@jem-cp-r.com



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**Refurbishment
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 Machines**

Additional Saw Mill and Paper Machine Services

Servo Hydraulic Sensors

APPLICATION ENGINEERING TO REPLACE YOUR BALLUFF WITH MTS TEMPOSONICS



MTS Temposonic Linear Displacement Transducers

- ◆ Replacement of failure-prone linear potentiometers
- ◆ Available in both in-cylinder and external mounts



Delta Computers

RMC70 DELTA COMPUTER

- ◆ Single and Multi Axis Digital Closed Loop Control
- ◆ Base module: - CPU
 - Axis module (1 or 2 control axis interfaces)
 - Digital I/O
- ◆ Analog reference and pressure or force inputs



Schroeder



- ◆ Schroeder high performance large dirt-holding replacement elements
- ◆ *Let us help you consolidate your inventory*
- ◆ Off-line filtration loops
- ◆ **New:** Digital in-line optical sensor Particle Contamination Analyzer with low pressure drop
- ◆ Oil analysis service

Moog Authentic Repair

MOOG SERVOPROPORTIONAL VALVES & MOOG AND MOOG ATCHLEY SERVO VALVES

- ◆ Factory rebuilt to current Moog engineering specifications
- ◆ Statically and dynamically tested
- ◆ Two (2) year "Same as New" warranty



Mill Cylinders

CYLINDERS REBUILT TO FACTORY SPECIFICATIONS

- ◆ Disassembled and inspected
- ◆ Piston rods ground, chromed and ground
- ◆ Barrels honed
- ◆ Rod bearings replaced or refinished
- ◆ All seals replaced
- ◆ Assembled and tested to factory specifications
- ◆ Repainted
- ◆ 13 month in-use warranty

Systems Analysis and Field Service

- ◆ Review application; discuss changes, repairs & upgrades
- ◆ Root cause failure analysis
- ◆ ISO level and filtration analysis
- ◆ Preventive maintenance
- ◆ Trade-in discount review

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