



BV and TV Series: *The FUTURE is NOW*



BV AND TV VARIABLE DISPLACEMENT MOTORS

complete with integrated electrohydraulic system & microprocessor control and many other available options allow a wide range of benefits when used to power advanced hydrostatic transmissions for heavy & light machineries.

BV AND TV SERIES: ADVANCED HYDRAULIC POWER TECHNOLOGY

- **High Volumetric & Mechanical Efficiencies:** high hydromechanical efficiency (95%) and highest volumetric efficiency (99%).
- **Continuously Variable Displacement Over A Wide Speed Range:** extremely wide operational range for the machines (Overall efficiency >85% when motor @ 25% displacement).
- **Reduction In Energy Losses:** consequent decrease of fuel consumption.
- **Reduced Vibrations:** lower noise emissions, reduced vibration of the driving units.



Please contact
Womack Machine Supply
for more information:
1-800-569-9807



The products we represent are carefully chosen to provide you with the utmost in quality, value and performance. Our stock of fluid power and automation control components is not necessarily limited to those shown in this list. We invite your inquiry on any item you do not see listed. Manufacturer's literature is available from these suppliers, and will be sent on request. Not all products available in every location.

AAA Products International

Pneumatic valves, 1/4" to 2", manual, pilot and solenoid operated; hydraulic driven drilling and tapping units.

Air Hydraulics

Index tables and presses.

Air-Mite

Pneumatic cylinders, valves and controls.

Airoyal

Small-bore air and hydraulic cylinders.

Allied Witan

Air exhaust mufflers.

Anchor Fluid Power

SAE connection flanges for hydraulic pumps, motors and valves.

Anchor Lamina

Low speed, high torque hydraulic motors.

Auburn Gear

Planetary gear boxes and swing drives.

Balluff Inc.

Sensors for industrial automation.

Barrington Automation

Grippers, linear actuators, table slides, escapements, rotary drives, and sensors.

Beijer Electronics

HMI's.

Bosch Rexroth Corp.**- Hydraulics Business Unit**

Directional, flow and pressure control valves; vane pumps; proportional and servo valves; logic valves; custom manifolds; hydraulic cylinders; hydraulic power units. Sectional directional valves; gear pumps; low speed, high torque motors; open and closed loop piston pumps, motors and transmissions; heavy-duty gear boxes.

- Pneumatic Business Unit

Pneumatic cylinders, manual and solenoid operated directional valves, valve manifolds, bus systems, vacuum components, tubing and fittings, linear positioning units, rotary actuators, grippers, and accessories.

- Drive and Control Business Unit

Brushless AC servo drives and motors, single/multi-axis controllers, programmable logic controllers, slice I/O, human machine interface terminals, industrial computers, Windows CE based HMI, CNC controllers, linear motors, frameless motors, AC variable frequency drives.

- Linear Motion and Assembly Technologies Business Unit

Ball rail systems, roller rail systems, ball screws, belt drive actuators, ball screw actuators, ball bushings, cartesian motion systems, manual work systems, manual production systems, material and information flow technology.

Brand Hydraulics Co. Inc.

Flow dividers, combiners, priority flow control valves; mobile sectional valves; hand pumps.

David Brown (Textron)

Gear pumps and motors.

BSF

Pump/motor bell housings.

CGI

Inline planetary gearheads, right angle planetary gearheads, spur gearheads, right angle spur gearheads.

KKD

Pneumatic valves, cylinders and accessories.

Clippard

Miniature pneumatic valves, cylinders and fittings.

Compact Automation

Linear actuators, rotary actuators, cylinders.

Contrex

Digital motor speed controls.

Daman Products Company Inc.

Standard NFPA bar manifolds, custom circuit manifolds, and accessories.

Danaher Precision Systems (IDC)

Electric linear actuators, stepper/servo motors and drives, gearboxes.

Delta Electronics

AC variable frequency drives, programmable logic controllers, human machine interface terminals, brushless AC servo drives and motors, temperature controllers, encoders.

Dragon Valves, Inc.

High pressure needle and shut-off valves, manual and diaphragm operated.

Duff Norton

Mechanical actuators (screw jacks), electromechanical linear actuators, electric cylinders and rotating joints.

Energy (Textron)

Valves, cylinders, motors and hydraulic power units for mobile applications.

Enerpac

High pressure hydraulic hand pumps, power units and cylinders; work holding tools; directional valves.

Enidine

Goodyear air springs and actuators, hydraulic shock absorbers, wire rope isolators.

Flow Ezy

Hydraulic oil strainers and diffusers.

Freelin-Wade

Polyurathane, nylon, pvc, and specialty tubing.

Global Manufacturing, Inc.

Industrial hydraulic, pneumatic and electric vibrators.

Granit Fluid Power (Victor Fluid Power)

High pressure pumps, control valves and hand pumps.

J.D. Gould Company, Inc.

2-Way solenoid shut-off valves.

Hagglunds

Motors, controls, valves.

Haldex (Barnes)

Gear pumps and motors, gear type flow dividers, AC & DC hydraulic power units.

Haskel

Air driven pressure intensifiers, gas boosters, air amplifiers, high pressure valves, accumulators and regulators.

Hays

2-Way solenoid valves.

Hedland

Mechanical and electronic flow meters.

Hub City

Shaft and motor driven pump drives.

HYDAC

Accumulators, pipe/hose clamps, in-line and tank mounted filtration, off-line filtration units, and on-line fluid analysis equipment; high pressure ball valves, check, flow and needle valves; cartridge valves, pressure transducers, heat exchangers, and high pressure power units.

HydraForce

Cartridge valves for pressure, flow and directional control, manually, solenoid, and proportionally operated, sandwich and line mounted; custom hydraulic manifolds.

Hydratech/CRC

Custom hydraulic cylinders.

Hydrocraft Inc.

Hydraulic reservoirs and accessories.

HyPneuMat

Production drilling and tapping units.

Jefferson Valves

Solenoid valves, level controls.

Jiffy Products

High production drilling and tapping units; threading machines.

Kocsis Technologies

Hydraulic starting systems, accumulators, mobile valves.

LDI Industries (Lube Devices)

Oil reservoir sight level gauges.

Lexair (Beckett)

3- and 4-Way hydraulic and pneumatic directional valves, manual and solenoid operated.

Louis Allis

Electric motors.

Magnaloy

Pump/motor bell housing adaptors and shaft couplings.

Magnum

Filters.

Master Machine

Machine slides.

Mecman

See Bosch Rexroth Corp. - Pneumatic Business Unit.

MICO

Hydraulically operated brakes.

Microtronics, Inc.

Radio remote controls and actuators, proportional valve amplifiers.

Mitsubishi Electric

Automation equipment.

Norstat

Control automation products.

Power Rein

Rotary sheer type pneumatic valves.

PQ Controls

Single and multi-axis electronic joystick, proportional valve amplifiers, electronic level controls.

Prince Manufacturing Corp.

Hydraulic cylinders, valves, pumps, motors, and hydraulic accessories.

Pyromation

Thermocouples, RTDs, thermo-wells and accessories.

Racine

See Bosch Rexroth Corp. - Hydraulics Business Unit.

Rineer Hydraulics

Single and two-speed hydraulic vane motors.

RKI, Inc. (Rawson-Koenig)

Cranes and winches.

SAI Hydraulics, Inc.

Radial piston motors, planetary ger reducers, rotary actuators, rotary manifolds

Schroeder

Filtration and fluid conditioning.

Sprecher + Schuh

Low voltage contactors, relays, starters, switches, terminals and controllers.

Stauff

Clamps, diagnostics, filtration, fittings/flanges and valves.

Sterling

Water modulating valves for temperature control.

Stober

Inline gearheads, right angle/hollow output gearheads, geared motors, speed reducers and mechanical variable speed drives.

Sun Hydraulics

Cartridge type pressure, flow and directional control valves; solenoid operated; line, subplate and sandwich mounted; custom manifolds.

Telco U.S.A.

Reflective photoelectric sensors, through beam photoelectric sensors, fiberoptic sensors, light curtains.

Thermal Transfer Products (ThermaSys)

Air and water cooled heat exchangers.

Tolomatic

Electric linear and pneumatic actuators, gearboxes, brakes.

WABCO

See Bosch Rexroth Corp. - Pneumatic Business Unit.

Wago

DIN-rail, terminal blocks and signal conditioners.

Walvoil

Mobile type monoblock and sectional directional valves.

Webtec Products

Hydraulic test equipment.

White Hydraulics, Inc.

Low speed, high torque gerotor hydraulic motors, motor/brakes and flow dividers.

Wika

Pressure gauges and transducers.

Wilkinson

Air line filters, regulators, lubricators, dryers and accessories.

Wittenstein

Gearboxes, actuators, motors, control loading systems.

Womack Systems

Hydraulic power units and automation control systems.

Zero-Max

Couplings, shaft bushings, torque limiters, drives, linear actuators and load adaptors.