

Hydraulic Study Courses



\$44.95 EACH

Brand new. Published by WOMACK Educational Publications. These texts provide answers to your questions, not just theories of operation. Widely used to train employees and customers regarding basic hydraulic principles. **Shpg. 1 1/2 lbs.**

ITEM 9-1124

INDUSTRIAL FLUID POWER - VOL. I

Broad coverage of pumps, cylinders, valves and accessories. 288 pages. 350 illus.

ITEM 9-1125

INDUSTRIAL FLUID POWER - VOL. II

Specific application data of air and hydraulic cylinders and valves used to control them. 272 pages. 350 illus.

ITEM 9-1126

INDUSTRIAL FLUID POWER - VOL. III

Includes applications using hydraulic rotary power. Comprehensive coverage on hydraulic motors, air motors, hydraulic transmissions, and rotary actuators. 248 pages. 250 illus.

ITEM 9-1127

FLUID POWER IN PLANT AND FIELD

General reference based on years of experience in hydraulic field. Provides practical information on installation, operation and servicing of hydraulic and pneumatic equipment. 232 pages. 350 illus.

Electrical Control of Fluid Power

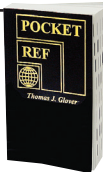


ITEM 9-1128

\$44.95

Brand new. Published by WOMACK Educational Publications. Written as an overview of electric and electronic control of hydraulic and air systems. 257 pages. This is the Eleventh Printing of the Third Edition - April 2013. **Shpg. 2 lbs.**

Pocket Reference



ITEM 1-1456

\$9.70

Brand new. 768 pages packed full of information yet small enough to fit in a shirt pocket. Chapters on air and gas, carpentry, chemistry, computers, electricity, math, hardware, plumbing, steel and materials, surveying, welding and more. Hundreds of conversion formulas. Size 3 1/4" x 5 3/8" x 3/4". **Shpg. 1/4 lb.**

Fluid Power Data Book



ITEM 9-1022

\$2.40

Brand new. 63 pages of valuable information on hyd. cylinders, motors, pumps and systems. Formulas and tables for equipment selection. Also information on electric fans and motors. **Shpg. 6 oz.**



Metro D Series Compact Directional Control Valves



Brand new METRO D series directional control valves for operating double acting cylinders. Ideal for small tractor and other low flow applications requiring a compact control valve. Features include monoblock construction, load check, built-in adjustable pressure relief valve, spring centering spool action. In/Out ports on back, work ports on top.

Two Spool Valve			
9-12812-J	DA spring open center with Joystick lever	9 lbs.	\$399.95
Three Spool Valve			
9-12813	DA open center	6 1/4" x 5 5/8" x 2 1/4"	11 lbs. \$326.25



1 Spool 21 GPM Hydraulic Control Valve

ITEM 9-12698

\$89.95

New, CHIEF P80-CV1 valve is a versatile 3-way OR 4-way, 3 position directional control valve for use with either double-acting or single-acting cylinders. This valve is for use with open center systems only. Includes adapters to convert 4-way to 3-way valve. Not power beyond convertible.

SPECIFICATIONS

- Open Center
- Spools One
- Flow 21 GPM
- Relief Valve 2500 PSI @ 10 GPM
- Pressure 2500 PSI max
- In/Out Ports SAE 10
- Work Ports SAE 8
- Mount 3 hole base
- Size 10" x 5" x 10"
- **Shpg 11 lbs.**



3 Spool 25 GPM Log Splitter Valve

ITEM 9-16626

\$399.95

New PRINCE. Hydraulic control valve for operating double acting cylinders. Monoblock gray cast iron body. Hard chrome plated spools. Load checks. Convertible to power beyond or closed center by changing conversion plug.

SPECIFICATIONS

- Brand Prince
- Part Number 536CCCEAA5A4B1-30
- Open Center
- Spools Three
- Flow 25 GPM max.
- Pressure 3000 PSI max.
- Relief Valve Factory set at 3000 PSI.
- In/Out Ports SAE 12
- Work Ports SAE 10
- Mount 3 holes thru body
- Size 10" x 11 1/2" x 5"
- **Shpg 40 lbs.**



2 Spool 32 GPM Hydraulic Control Valve

ITEM 9-12699

\$199.95

New, CHIEF directional control valve for operating double acting cylinders. Features include monoblock construction, built-in adjustable pressure relief valve, load check, spring centering spool action, open center, side or top inlet/outlet ports, top work ports and vertical or horizontal handle mounting.

SPECIFICATIONS

- Open Center
- Spools Two
- Flow 32 GPM max
- Pressure 3625 PSI max
- Relief Valve 2500 PSI @ 10 GPM
- In/Out Ports SAE 20 (side), SAE 16 (top)
- Work Ports SAE 12
- Mount 3 hole base
- Size 13" x 9" x 15 3/4"
- **Shpg 46 lbs.**

ITEM 9-12699-A

\$159.95

Same as item 9-12699 except new inventory from a retail store buyback. May have cosmetic imperfections and exterior soiling from retail shelf display.



4 Spool 16 GPM Hydraulic Control Valve

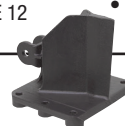
ITEM 9-8266

\$179.95

New. WALVOIL Model SDS100 four spool valve. Features two individual inlets with first inlet directing oil to spools one and two. Second inlet directing oil to spools three and four. Common outlet. Individual adjustable main line reliefs for each circuit. Load checks on spools one, two and three. Double pilot operated check valves on fourth spool work ports. Ideal for double pumps or dual hydraulic circuit systems for use with a common control valve.

SPECIFICATIONS

- Open Center
- Spools Four
- Flow 16 GPM
- Pressure 4600 PSI
- In Ports SAE 8
- Out Port SAE 12
- Relief Valves Adjustable from 1500 to 3000 PSI set at 1500 PSI
- Work Ports SAE 8
- Size 10" x 7 1/16" x 6 1/4"
- **Shpg. 44 lbs.**



Log Splitter Wedge

ITEM 1-5444

\$19.95

New, cast iron log splitter wedge. Designed to slide down splitter beam as cylinder extends. Could also be mounted at end of beam to split wood as it is pushed against it. Clevis end to connect to cylinder rod. Additional hardware and plates needed to clamp around beam when used in traveling wedge mode.

SPECIFICATIONS

- Blade Height 6 5/8"
- Blade Length 5 1/2" long, 4 1/2" wide at back end
- Pin Hole 5/8" dia.
- Clevis 1 3/4" between ears, 2 1/2" outside ears
- Clevis Pin Centerline Height 3 1/16"
- Bolt Holes 9/16" ID x 1 1/16" deep
- Bolt Pattern three hole each side 2 3/4" on center x 7 1/8" wide
- Beam Opening 6 1/2" wide x 1/2" deep
- Size 7 3/8" x 8 1/4" x 1 1/16"
- **Shpg. 22 lbs.**