



AGRICULTURE PARTS & EQUIPMENT



POWERED
BY
FORCE
America INC.



Unsurpassed Product Selection & Availability

FORCE America stocks over 50,000 items in 12 regional sales and service centers. From hoses and fittings to complex electronic controls; if you are looking for mobile hydraulic systems or components, we have what you want! FORCE America incorporates product performance and selection for your specific application.

Product Categories:

Accessories

Cables & Controls

Cylinders

Electronic Controls

Filtration

Hose & Fittings

Liquid Systems

Power Transmission

Pumps & Motors

Reservoirs & Heat Exchangers

Valves

Vehicle Intelligence/GPS Systems

Wet Line Systems

Production Hose Kitting

FORCE America offers custom production assembly and kitting services for hoses, fittings and adapters. Kitting saves you time and money by completing sub-assemblies, grouping multiple products, and delivering them in one complete shipment ready for installation.

Complete Selection of Hose, Fittings and Adapters - Saves you time and reduces your inventory

Custom, Precision Hose Cutting - Correct length, every time

Custom Hose Printing - Your information printed on each hose



Solenoid Selector Valves

Enables you to economically utilize two or three hydraulic functions with a single set of hydraulic outlets. Known as "Doubler" or "Multiplier" Valves.

Capacity: 12 GPM

Maximum Pressure: 3000 PSI

Porting: SAE-8 (3/4 - 16 thread size)

Valve can be purchased alone or as a complete kit with adapters, couplers, switch box, & optional hoses.

Also available in low leak version.



Solenoid Cartridge Valves

Available in many designs, please contact us for your specific requirements.

DSL101CR-D012L-A08T 2 Way, 2 Position, Normally Closed

DSL101NR-D012L-A08T 2 Way, 2 Position, Normally Open

DSL103A-D012L-A08T 3 Way, 2 Position, Single Selector

GS045700N-D012L-A08T 4 Way, 3 Position, Double Acting Selector

Maximum Pressure: 3000 PSI

Voltage: 12 Volts (also available in other voltages and coil terminals)



Mobile Hydraulic Power Units

8 Horsepower 6.5 GPM @ 1800 PSI

9 GPM Open Flow

Available with Briggs-Stratton InTek or Honda Engine; Manual or Electric Start optional.

Features:

Standard reservoir with 8 gallon capacity

Control valve with adjustable relief and pressure detent kickout

Return line filter, 10 Micron, Spin-on

Direct mounted pump to engine

Custom power units built upon request



FORCE America EZ Flex Hose

FORCE-EZ-Flex Hose (Sizes: 1/4", 3/8", 1/2", 3/4")

SAE-100R16, 2 Wire Braid

Meets or exceeds SAE ratings

Improved Bend Radius Hose

Approximate spool length = 250 ft

Use standard Weatherhead U Series ends and dies

Ask for your specific Weatherhead hydraulic hose requirements.

We provide hydraulic hose kitting. Ask about custom hose assemblies, custom labeling, and boxing in sleeves for your special needs. See inside cover for more detail.



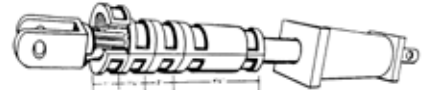
Hydraulic Cylinders

Wide range of sizes

Tie Rod Cylinders
Welded Cylinders
Sequencing Cylinders
Telescopic Cylinders

Brands Stocked

FORCE America



Hydraulic Couplers

Brands Stocked

Pioneer

Safeway

Parker Hannifin

Complete Coupler Sets, Female Bodies and Male Tips
Adapters, Break-Away & Conversion Kits
Single and Double Break-Away Clamps

Pressure Water Couplers
Flush Face Couplers
Direct Interchange for Melroe Bobcat
Wing Couplers



Directional Control Valves

Prince RD5000 Series

One, Two, and Three Spool Configurations

Economical monoblock construction of high tensile strength, gray cast iron
Load check on each spool
Hard chrome plated spool
Differential poppet style relief, adjustable from 1500 to 3000 PSI

Power beyond and closed center capability
Available in either NPT or SAE porting
Maximum Operating Pressure: 3000 PSI



Log Splitter Control Valve

Pressure release detent in the spool out position
Maximum Operating Pressure: 2750 PSI
Flow Rating: 25 GPM



Single Spool Mono-Block 20 GPM Valve

Economical mono-block construction of high tensile strength, gray cast iron
Load Check
Hard chrome plated spool
Maximum operating pressure: 3000 PSI
Open centers and closed center conversions available on some models



Accessory Valves

Flow Control Valves
Flow Dividers and Combiners
Pilot Operated Check Valves
Relief Valves
Lock Valves
Sequence Valves
Needle Valves
Low and High Pressure Ball Valves



Manual Selector Valves

Single Selector Valves

Model: SS-2A1D with knob
Flow Rating: 20 GPM
Porting: 1/2" NPT

Double Selector Valves

Model: DS-04-20 with knob
Flow Rating: 20 GPM
Porting: 1/2" NPT also available in SAE porting

Model: DS-4A1E with lever handle
Flow Rating: 40 GPM
Porting: 3/4" NPT also available in SAE porting

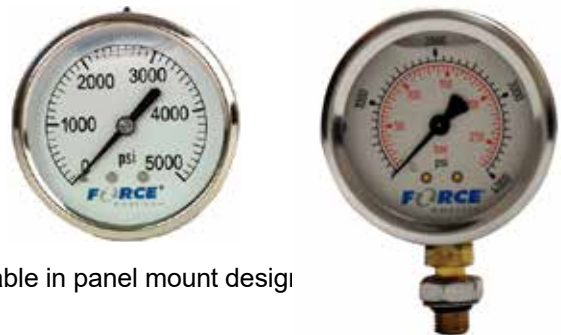


Liquid Pressure Gauges

Stainless Steel Construction
2 1/2" Face, Stem Mounting
Ranging from 15-10,000 PSI

2.5L-SM-00600	600 PSI	1/4" NPT
2.5L-SM-003000	3000 PSI	1/4" NPT
2.5L-SM-005000	5000 PSI	1/4" NPT
25-901-SST-04000	4000 PSI	SAE -4

Ask for your specific pressure requirement. Also available in panel mount design



PTO Hydraulic Pumps

540 RPM, 1 3/8 Dia. - 6 Tooth Shaft
1000 RPM, 1 3/8 Dia. - 21 Tooth Shaft

PTO pumps are specifically designed for PTO drive operations on all sizes of tractors.

Pumps are mounted by sliding the internally splined pump onto the PTO splined shaft and restraining rotation with a torque arm.

Up to 40 gallons per minute and up to 2250 PSI



Power Steering Components

We offer Power Steering kits for older tractors for applications such as: IHC FARMALL "M", "MTA", "Super M", and Oliver Special.

Supplier of the original Eaton Torque Generators,
Coupler Kit Port Blocks: FA-208-1015

Power Steering Pumps and mounting brackets
Orbital Control Units, open and closed types
Orbital Steering columns and steering wheels



Adapter Fittings

We offer a complete selection of adapter fittings:

JIC 37 degree Flares
NPT Pipe Fittings
Steel Pipe Fittings
Black Pipe Malleable Iron Fittings
Brass Fittings, Push Lock Fittings
Tube Adapters
Metric Adapters
Split Flange Adapters
Flat Face, For-Seal Adapters
Gauge Port "Tee" Fittings



Electric Directional Control Valves

Series 36 & 38

Sectional directional electric control valves, one to twelve sections.

Maximum Operating Pressure 3500 PSI

36 Series rated to 12 GPM

38 Series rated to 29 GPM

Inlet & Outlet Porting: SAE-10, 7/8-14

Series 36 Work Ports: SAE-08, 3/4-16

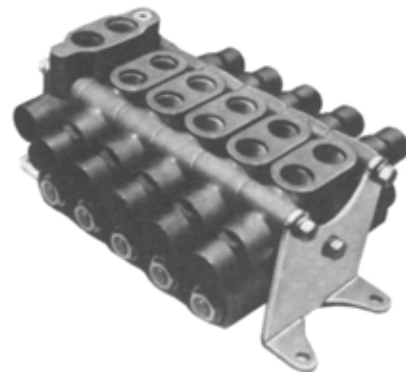
Series 38 Work Ports: SAE-10, 7/8-14

Open Center or Closed Center

Power Beyond Available

12 VDC - 24 VDC - 110 VAC

Lock-Out Sections



Weatherhead Hose Machines & Cabinets

The Weatherhead Coll-O-Crimp hose machine is the time proven press built for years of dependable service. It features automatic crimping for all sizes and types of hose, no adjustments to make, and no gauges to watch.

Contact your sales representative for a crimper to meet your requirements. Ask about our stock program with the purchase of a Weatherhead hose machine and cabinet.



Hydraulic Motors

FORCE America Motors

FH Series and F2 Series

Eaton / Char-Lynn Motors

H Series

S Series

2000, 4000, 6000, and 10,000 Series

Parker Hannifin Motors

TF Series and TG Series



Hardware Equipment

PTO Adapters

Splined Adapters

Round Shaft Adapters

Splined Couplings

Involuted Splined Couplings

Round Bore Couplings

Precision Splined Hubs



Sprockets & Roller Chain

Stocking Distributor of Diamond and Drives Roller Chain

Available in American and Import

Hubs and Pulleys - Weld-A-Hub Program

To help minimize your inventory requirements



Domestic & Import Tractor Pumps

We have an excellent selection of domestic and imported tractor pumps, call for pricing and delivery information.

Brands Available

Hinomoto

Iseki

Kubota

Mitsubishi

Satoh

Shibaura

Yanmar

Allis

Bolens

Ford

International

John Deere

Massey

White



Product Representation

Airtac
 Apsco
 Brand Hydraulics
 Brevini Group
 Cross Manufacturing
 CW Mill Equipment Co., Inc.
 Daman
 Del Hydraulics
 Delavan
 Donaldson Filtration Products
 Eaton

- Char-Lynn
- Eaton
- Vickers
- Weatherhead

 Eskridge Gear
 FGP Gear Pumps
 Flow Ezy Filters
 FORCE America
 FORCE America Electrical Manufacturing
 FORCE America Valve Manufacturing

Goodyear Tire and Rubber
 Heartland Technical Sales
 Hedland Flo-tech
 Hub City
 Hydro Leduc
 Hydro-Tek
 ifm efector
 Internormen Filters
 Lake Monitors
 Lenz
 Lodar
 Love Joy Incorporated
 Magnaloy
 Magnetek Enrange
 Metro Hydraulics
 Morse
 Neapco Driveline
 Noshok Inc.
 Ogura Industrial Corporation
 Oilgear
 OMFB
 Omni Gear

Parker Hannifin

- Accumulator
- Cartridge Valve
- Chelsea PTO
- Commercial Valve/Pump
- Filter
- Gresen
- Mobile Cylinder
- Pioneer
- Pumps/Motors
- Valve

 PreCise Mobile Resource Management
 Prince Hydraulics
 Safeway Hydraulics Incorporated
 Salami
 Stucchi
 Thermal Dynamics International
 Thermal Transfer Products
 Tulsa Winch
 VariTech Industries
 Wescon Products Company
 Williams Controls
 Yuken
 Zinga Industries



1-888-99-FORCE

501 East Cliff Road Burnsville, Minnesota 55337 www.forceamerica.com

Sales and Service Centers

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Bismarck, ND	800-624-7568	Denver, CO	888-833-7711	Minneapolis, MN	800-328-2732
Charlotte, NC	800-788-8598	Fort Dodge, IA	800-362-2994	Philadelphia, PA	800-492-6621
Chicago, IL	800-433-5765	Kansas City, MO	800-383-4724	Salt Lake City, UT	877-230-0505
Columbus, OH	888-449-0356	Memphis, TN	888-845-5876		
Dallas, TX	800-893-7225	Milwaukee, WI	800-722-5844		
Atlanta, GA (Atlanta Powertrain™)			888-293-2325	atlantapowertrain.com	
Seattle, WA (Mobile Equipment Systems™)			800-354-9028	mobileequip.com	