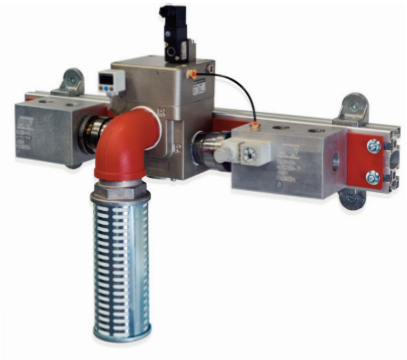
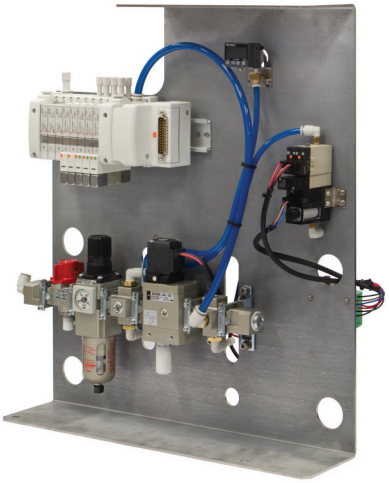
HYDRA-POWER SYSTEMS, INC.

AUTOMATION & PNEUMATICS

HPS Custom Assemblies





SMC

ENFIELD TECHNOLOGIES

Valves • Cylinders • Actuators • Grippers • Filters • Regulators
Lubricators • Detection Vacuum Equipment
Connectors • Tubing

SMC Corporation of America

www.smcusa.com

The global leader in automation, SMC Corporation manufactures pneumatic and electric actuators, grippers and air cylinders in a broad range of sizes, and styles to meet almost any automation need.

Cylinders

Compact Cylinder
Double Acting

Guided Cylinder

Compact Guide Cylinder
Slide Bushing-New Style

Stainless Steel Cylinder
Double Acting - Single Rod

Actuators

Rotary Table Rack &
Pinion Type

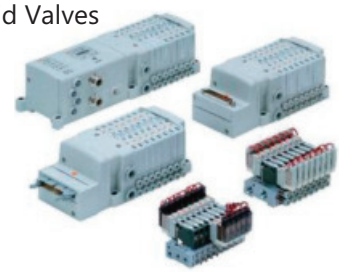
Rotary Actuator
Rack & Pinion, Standard

Electric Actuator
w/Integrated Guide

Valves

Solenoid Valve
Base Mounted-Body Ported

Solenoid Valves



Direct Operated
Compact Solenoid Valve

FRL's

VHS20-N02A-Z
Pressure Relief valve

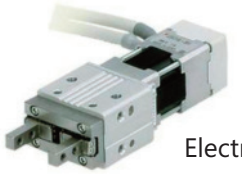
Modular Type
Filter, Regulator, Lubricator

Manifolds

1000 Series
Base Mounted Manifold

2000 Series
Base Mounted Manifold

Grippers



Electric Gripper, 2 finger
Vertical Type

Air Gripper, Parallel Type
Standard

Air Gripper
3 Finger
Parallel Style

Vacuum Equipment

Individual Vacuum Unit
Ejector Type

Vacuum Pad, Lateral Entry
Heavy Duty

Vacuum Ejector
In-Line

Multiple Stage Ejector
w/o Valve

Air Suction Filter

Fittings & Flow Controls

Speed Controller
w/ Uni One-touch Fitting

Speed Controller,
In-line one-touch Fitting

Speed Controller
w/ One-touch Fitting

One-touch
Fittings

Accessories

Thermo-Chiller
Compact Type
Single Phase

Process Pump
Double Acting
Air Operated

High Precision
2-color
Digital Display
Pressure Switch

Electro-
Pneumatic
Regulator

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ENFIELD® TECHNOLOGIES

S2

Servo Pneumatic Proportional Control System

Simple by design, the S2 is an all in one pneumatic positioning system capable of tackling high speed and high force applications while linerly positioning a cylinder anywhere along its stroke.

The S2 Servo Pneumatic Proportional Control System is ideal for applications requiring high speed and high forces simultaneously. Speeds up to 100 in/sec are achievable while slowing the cylinder to a smooth controlled stop, preventing premature cylinder wear and damage. Handling 100+ pound loads, it is capable of 25in/sec across a selection of cylinders. The ability to handle heavy loads while quickly and accurately following a changing input signal makes the S2 the ideal choice for machine designers.

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