ANVER Vacuum Components



ANVER Vacuum System Components Overview

Complete Vacuum System Components — Built to Last

ANVER Corporation offers a **complete, fully matched** range of vacuum system components, from **suction cups, vacuum pumps, vacuum generators/ejectors and vacuum stations to valves, filters, sensors and plumbing accessories** — covering every need in the design and maintenance of industrial vacuum systems.

Products run on **compressed air, electricity or rechargeable batteries** and suit ANVER lifters, automation equipment (robots, end-of-arm tooling), packaging systems, CNC machines, and the printing, glass, woodworking, food, pharmaceutical and many other industries.

***Note:** All ANVER vacuum components are manufactured in the USA under **ISO 9001:2015**, with long-term spare parts availability. FULLSHARP is the authorized ANVER distributor in Vietnam, providing component selection advice, system configuration and lifetime technical support.

8 Core Component Groups — Everything Needed to Build a Complete Vacuum System



Vacuum Cups

Vacuum Cups & Accessories

Wide choice of materials, sizes and shapes



Mounting Suspensions

Level Compensators & Mounts

Level compensators for vacuum cups



Air Powered Pumps

Air-Powered Pumps & Generators

High-capacity venturi ejectors



Vacuum Stations

Complete Vacuum Stations

Air, electric or battery powered



Vacuum Accessories

Hose, Clamps, Gauges

Matched plumbing accessories



Filters Mufflers

Vacuum Filters & Mufflers

Protect pumps, reduce noise



Vacuum Valves

Check, Shut-off & Sensing Valves

Vacuum flow control



Sensors

Vacuum / Pressure Sensors

Electronic & mechanical, multiple outputs

Additional Accessories — Completing the Vacuum System



Powered Generators

Vacuum Generators for Lifting Frames

Air & electric, separate from the lifter



Electric Pumps

Electric Vacuum Pumps

Energy efficient, continuous duty



Air Movers

Air Movers & Venturi Pumps

No moving parts



Fittings

Fittings, Couplings, Clamp Bases

Wide range of threads and sizes

1. Vacuum Cups & Accessories

A complete cup range — flat, single bellows, double bellows, oval, rectangular and foam — in more than **10 rubber/elastomer compounds** (Nitrile, NBR, Natural Rubber, Silicone, EPDM, Viton, Urethane, HT silicone and more) to handle every surface and environment: oil, chemicals, high temperature and food contact.

- Main Universal Line — Flat, Single Bellows, Double Bellows
- P-Series — General-purpose line in multiple sizes with fittings
- CVM Brand Series — Direct replacement for CVM cups
- Press Automation Cups — For high-speed sheet metal stamping
- Suction Cups for the Paper & Printing Industry
- Foam Pads, High Temp Glass Cups, CD/DVD Ring Cups
- Vacuum Cups for Eggs & Round Objects

2. Level Compensators & Mounting Suspensions

A suspension is a **spring-loaded shock absorber and level compensator** mounted between the vacuum cup and the lifter or robot frame. It lets the cup self-adjust on uneven surfaces, absorbs impact when the load is set down, and spreads force evenly across multiple cups.

- Spring-loaded compensators for curved, uneven surfaces
- Ball-joint suspensions that swivel freely in any direction
- Non-rotating stems for applications that require fixed orientation
- Integrated vacuum port on the body or side

3. Air-Powered Pumps & Generators / Ejectors

Based on the **venturi principle**, these units convert compressed air into vacuum with **no moving parts**, giving very high reliability and no mechanical maintenance. Well suited to plants with existing compressed air, tight spaces and fast-cycle applications.

- Single-stage & multi-stage venturi ejectors
- Flow from a few SCFM to over 100 SCFM
- Maximum vacuum up to 27 inHg (90 kPa)
- Modular generators for ANVER lifting frames

4. Complete Vacuum Stations

Turnkey vacuum stations integrate pump, reservoir, filter, valves and sensors in one compact frame, ready to connect. Power options: **compressed air, single-phase/three-phase electric, or portable rechargeable battery**.

- VPE Series — Electric powered, multiple capacities
- VPF Series — High-efficiency air powered
- Battery powered for mobile, off-grid applications
- Integrated manifold, vacuum reserve tank and gauge

5. Hose, Clamps & Gauges (Vacuum Accessories)

Dedicated plumbing accessories for vacuum systems — **vacuum-rated PU/PVC/rubber hose, hose clamps, and mechanical and electronic vacuum gauges** — for leak-tight connections with no pressure loss.

- Reinforced vacuum hose in multiple diameters
- Worm-drive clamps, hose barbs, swivel fittings
- Vacuum gauges 0–30 inHg analog/digital
- Quick-disconnect couplings for easy replacement

6. Vacuum Filters & Exhaust Mufflers

Filters remove dust, particles and moisture before they reach the pump, extending pump life and lowering maintenance costs. **Mufflers** on the exhaust reduce operating noise to OSHA-permitted levels.

- Polyester / paper / sintered bronze filter elements
- Auto-drain for water trap filters
- Exhaust mufflers cut exhaust noise by 15–25 dB
- Inline filters that are easy to remove and clean

7. Vacuum Valves (Check, Relief, Ball & Sensing Valves)

Valves that control vacuum flow — **check valves, relief valves, ball valves and sensing valves** — allow safe system design, automatic response to the load, and vacuum retention when the pump stops.

- Check valves prevent vacuum loss when the pump stops
- Relief valves protect the system from overpressure
- Sensing valves actuate automatically at a set vacuum level
- Ball valves isolate each cup circuit independently

8. Vacuum / Pressure Sensors

Electronic and mechanical sensors for **real-time vacuum level monitoring**, sending safety signals to the PLC or lifter so a load is never lifted before vacuum reaches a safe level.

- Analog pressure sensors 4–20 mA / 0–10 V
- Digital switching sensors NPN/PNP
- Integrated LED display for direct reading
- Heavy-duty mechanical vacuum switches

Automation & Robotics

End-of-Arm Tooling Pick & Place CNC Machining Press Automation Robotic Palletizing

Packaging & Logistics

Carton Packaging Bag Handling Case Erector Conveyor Transfer Sortation

Printing & Paper

Sheet Feeder Offset Printing Bookbinding Label Pickup

Glass, Wood, Stone

Glass Panels Wood Panels Granite/Marble Composite Panel

Metal & Fabrication

Steel/Stainless Sheet Aluminum Sheet Steel Coil Pipe & Tube

Food & Pharma

FDA Silicone Egg Handling Pharma Tray Cleanroom Compatible

4 Reasons to Choose ANVER Vacuum Components

58 years · Experience

Industrial vacuum specialist since 1968 — manufactured in Hudson, Massachusetts, USA

8+ groups · Product Range

Complete components — cup, pump, station, valve, filter, sensor, fitting, accessory

ISO

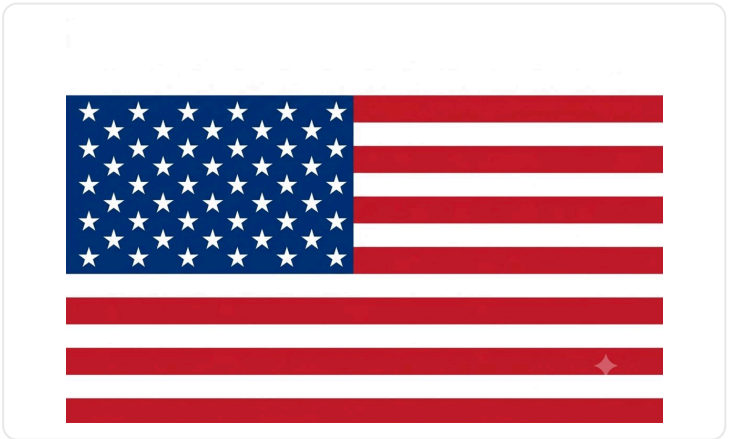
9001:2015

International quality management certification — Perry Johnson Registrars UKAS/ANAB

100% · Made in USA

Manufactured in the USA, long-term spare parts stock, technical support for the life of the product

Quality Commitment & International Standards



Made in USA

Made in USA

Manufactured in the USA



ISO 9001:2015

ISO 9001:2015

Quality certification

ANVER vacuum components are manufactured under **an ISO 9001:2015 system**, ensuring consistency, durability and **backward-compatible replacement** — invest once, use for the long term. More than **58 years** specializing in vacuum technology.

FULL-SHARP AUTOMATIZED VN (FULLSHARP)

Authorized distributor of ANVER vacuum system components in Vietnam
For advice on selecting vacuum cups, pumps, vacuum stations, valves, filters and sensors for your plant application, please contact a FULLSHARP representative for a quotation and detailed specifications.

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198
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Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.