



COVAL

vacuum managers

COVAL PRODUCT RANGE



ADVANCED VACUUM SOLUTIONS

1

STANDARD SUCTION PADS

VP, VPG, VSA, VS, VPO, C

SHAPES: flat, extra flat, 1.5 and 2.5 bellows, oblong, Ø 1 to 600 mm.

MATERIALS: nitrile, silicone, natural rubber and Siton® (resistance to abrasion and temperature up to 320°F). Other special materials on request.

APPLICATIONS/ADVANTAGES: Flat suction cups for gripping flat objects, high precision, vertical loads. Bellows suction pads for round or cylindrical objects, height compensation. 2500 models, available in various materials to suit standard industrial applications.



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SPECIAL SUCTION PADS

MVS, VSO, VSD, VSE, VSBO, VPA, VPR, VPYR

APPLICATIONS: special suction pads for handling of light bulbs, CD, papers, bottles, bread, eggs, bags, products at high temperature ...

MATERIALS: nitrile, silicone, silicon anti-static, natural rubber, siton®, ...



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GENERIC SUCTION PADS

VPU, VSAB, VSAG, VSAJ, VSG

At times, some of our clients are subjected to using suction pads of other brands, adapted to their applications. To ensure their satisfaction, Coval has developed a range of generic pads 100% compatible with their application. Please contact your Coval correspondent for further information related to generic suction pad solutions.



FITTINGS series IM/IF in nickel-plated brass and stainless steel - Screwed, riveted, with hollow shaft, socked head screws - Nozzles.

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MICRO-EJECTORS

CIL, VR, GVR

CHARACTERISTICS: vacuum level range up to 90%, suction flow range up to 95 NL/min (3.4 sCFM), optimal supply pressure 5 bar (72 psi).
ADVANTAGES: simplicity of installation and usage, light weight, compact, clog free performance, optimal performance thanks to the choice related to vacuum flow & vacuum levels, no maintenance, silent functioning, economic solutions, customized modules on request.



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MODULAR VACUUM PUMPS

GVP, GEMP, GVPS, GVPD

CHARACTERISTICS: 3 vacuum levels (50%, 75% & 90%), suction flow up to 450 NL/min (16 sCFM), optimal pressure 4 bar (58 psi).
ADVANTAGES: simplicity of installation and usage, modularity, light weight, compact, optimal performance thanks to the precision regarding suction flow & vacuum level, clog free performance, silent functioning, economic solutions, customized modules on request.



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INTELLIGENT VACUUM PUMPS

LEMAY, LEM, GEM, GVMAX

CHARACTERISTICS: 2 vacuum levels (60% & 90%), suction flow up to 450 NL/min (16 sCFM), optimal supply pressure 4 bar (58 psi), integrated pressure regulator.

ADVANTAGES: plug & play system, simplicity of installation & usage, modularity, light weight, compact, guarantee of optimal performance and efficiency, clog free performance, silent functioning, economic solutions, economy of energy thanks to automatic pressure regulation & vacuum regulation.



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SUCTION PAD ACCESSORIES

TS, YS, TSOP, TSO, L, PMG2

COVAL offers a wide range of suction pad accessories adaptable to all types of applications such as spring systems, extensions, nozzle inserts, automatic shut-off valves, non-return valves ...



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PERIPHERALS, VACUUM NETWORK

FVU, FVUG, SILK, NVR, NVA, NVS

COVAL offers a complete range of peripherals, such as vacuum feeders, fittings, filters, ..., necessary for the optimization of the vacuum network.



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VACUUM MONITORING

PSE100E, PSE100P, PSE100PK, PSA 100C, PSP 100, PSR, VAF111

ADVANTAGES: high precision, universal solutions, choice of versions: electric, electronic, digital or pneumatic.



On our web site www.coval.com, you will find the 3D drawings of all our products in suitable formats to the main CAD software.

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VACUUM GRIPPING SYSTEMS

CVG

CHARACTERISTICS: 3 models ranging from 424mm, 624mm & 824mm in length and 120mm in width. CVG range grippers offer the possibility to opt either for an overhead mounted or a distantly connected vacuum source.

ADVANTAGES: reliable & economic solution, one solution adaptable for vacuum handling all types of objects varying in shape and size. Simplicity and flexibility of installation and usage.



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COVAL GRIPPERS

CSG

COVAL develops customized solutions, on demand, for automated applications in different sectors, such as packaging, food processing and plastic processing.

We are involved throughout the entire production chain, from individual handling of objects to complete end-of-line layer palletization.



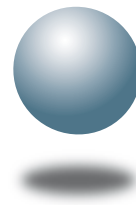
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SYSTEM COMPONENTS

SPL, VA, RSC, TS, VACOOP, VACOOE

A complete range of modular components adaptable to all types of needs for handling heavy loads.





COVAL
vacuum managers

A TECHNOLOGICAL PARTNER WITH WORLDWIDE VISION

COVAL, *vacuum managers*, conceives, manufactures and commercializes worldwide components and systems for vacuum automation.

Every year, we keep developing our network of partners (subsidiaries, distributors and independent agents) as our objective is to assist our clients in their quest for local and international markets.

Our mission, is to go beyond the limits of a simple component supplier and assist our clients at each step of our interaction by :

- Organizing specialized training programs for our clients and partners.
- Proposing efficient, economic and reliable solutions
- Ensuring timely delivery and proper installation of our solutions.



COVAL INC.



COVAL S.A.S.



COVAL IBERICA



COVAL DEUTSCHLAND



COVAL ITALIA

Distributed by:



certified quality
management system

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