



VACUUM PUMP QUESTIONNAIRE

For a correct dimensioning and selection of a vacuum pump, it is important to know and assess the use to be made as well as the working environment in which it will operate.
 For this reason, we kindly ask you to fill in this form and send it back to us via e-mail or fax.
 We will suggest the best vacuum pump to solve your problem.
 E-mail: tecnico@vuototecnica.net
 Fax: +39 039 5320015

Company

Address

Post code / City

Country

Contact person:

Telephone

Fax

E-mail

1) In which industry sector will the pump be used?

- | | | | |
|--------------------------------------|---------------------------------------|---|---|
| <input type="checkbox"/> Plastic | <input type="checkbox"/> Packaging | <input type="checkbox"/> Woodworking | <input type="checkbox"/> Cosmetics |
| <input type="checkbox"/> CD/DVD | <input type="checkbox"/> Glass/Solar | <input type="checkbox"/> Marble/Stone | <input type="checkbox"/> Automotive |
| <input type="checkbox"/> Electronics | <input type="checkbox"/> Graphic arts | <input type="checkbox"/> Medical/Pharmaceutical | <input type="checkbox"/> Ceramics/Porcelain |
| <input type="checkbox"/> Food | <input type="checkbox"/> Bottling | <input type="checkbox"/> Other sectors | |

2) Which service should the vacuum pump be designed for?

- | | |
|--|---|
| <input type="checkbox"/> Handling with vacuum cups | <input type="checkbox"/> Vacuum clamping |
| <input type="checkbox"/> Degassing of silicone or resin mixtures | <input type="checkbox"/> Vacuum packaging |
| <input type="checkbox"/> Moulding of plastics/rubbers/resins/aluminium | |
| <input type="checkbox"/> Emptying containers: Volume/L | Time required s |
| <input type="checkbox"/> Other use | Max vacuum mbar abs. |

3) Where will the vacuum pump be located?

- | | |
|--|-------------------------------|
| <input type="checkbox"/> Inside a plant or mobile unit | |
| <input type="checkbox"/> Outside a plant or mobile unit | |
| <input type="checkbox"/> Height above sea level of the place where the pump is installed m | |
| <input type="checkbox"/> Temperature of the work environment: min °C | max °C Humidity % |

4) Type of sucked fluid?

- | | | | |
|---|------------------------------------|---|---|
| <input type="checkbox"/> Dry air | <input type="checkbox"/> Moist air | <input type="checkbox"/> Air with water | <input type="checkbox"/> Air with oil vapours |
| <input type="checkbox"/> Aggressive gases | | <input type="checkbox"/> Air with abrasive dust | |
| <input type="checkbox"/> Fluid temperature °C | | | |

5) Required flow rate?

- | | | |
|--|---------------------------------------|------------------------------------|
| <input type="checkbox"/> m ³ /h | <input type="checkbox"/> NI/min | <input type="checkbox"/> cfm |
|--|---------------------------------------|------------------------------------|

6) Required level of vacuum?

- | | | |
|---|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> mbar abs. | <input type="checkbox"/> mmHg | <input type="checkbox"/> -KPa |
|---|-------------------------------------|-------------------------------------|

7) Use of the vacuum pump and related work cycles

- Daily duration: 8 hours 16 hours 24 hours Hours?
- Number of work cycles/hour Intermittency times: ON/ s OFF/s
- Are there strong level of vacuum oscillations in the plant? Yes No
- If yes, within what values? min mbar max mbar





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3D drawings are available on vuototecnica.net

8) When the pump stops, does the air return in the vacuum system need to be prevented?

- Yes No

The seal is ensured by the check valves, whose use is:

- Mandatory, on lubricated vacuum pumps
- Optional, on dry vacuum pumps

Note: Check valves are integrated onto oil-bath vacuum pumps on the RVP series.

9) Vacuum holding time

Does the vacuum need to be maintained for a specific time? (for example, to support a suspended load with vacuum cups, in case of a blackout) Yes No

If yes, for how long? s

10) Vacuum tanks

- Required volume L Recommended volume L Available volume L

11) Purchase prospects

- Single request No pumps/year Required delivery:

12) In the event of vacuum pump replacement

- Model used to present: Flow rate m³/h Level of vacuum mbar

- Brand

- Electrical power: Single-phase Volt 230-50 Hz Other Volt Hz
 Three-phase Volt 230/400-50 Hz Other Volt Hz

13) Contact

- Do you wish to be called back? Yes No

- Are you interested in a visit? Yes No If yes, what date/time?

