

# VACUPAC MAXI

## VACUUM UNIT



### Innovative concept:

- Mobile and modular design, large vacuum capacity
- Electronic, electrical and pneumatic components in separate cabinets
- Display of the vacuum curve during each shot
- Vacuum regulation
- Automatic fault diagnostic function

### Modern design:

- Remote positioning of the control panel
- Graphic display 240 x 320, monochrome with adjustable contrast (standard)
- Compact, optimal access to all major components for easy maintenance

### Easy to operate:

- SIEMENS PLC model C7-635, touch screen, multi-fonts (standard)
- Memory space for up to 50 different mold settings
- User-friendly multilingual operator interface
- Vacuum and pollution control on both vacuum ports during each cycle

### Technical data:

Pump:	25 m <sup>3</sup> /h	(883 cu.ft/h)
Tank capacity:	300 l	(75 US.gal)
Electrical power required:	120-575 V	
Power requirement:	2 kW	
Air supply:	6 bar	(85 psi)
Air consumption (Max.):	530 l/min.	(140 US gal/min)
Floor space required:	1200 x 630 mm	(48 x 25 in.)
Weight:	320 kg	(705 lbs.)
Machine signals:	dry contact or 24 Volt	
Vacuum ports:	2	



Design and technical data may change at any time without notice

# FONDAREX®

SPECIALIST IN VACUUM DIECASTING SINCE 1946

# TECHNICAL INFORMATIONS

## VP MAXI DESCRIPTION:

The VP MAXI has been designed to fulfill all the tasks of a high-range vacuum unit for the cold chamber and the hot chamber machines. With two independent vacuum ports, a vacuum regulation system as well as a display of the vacuum curve, the VP MAXI has all the features of a high end unit.

The large tank capacity enables to reach high vacuum levels even for large dies. Vacuum values and pollution control are controlled during each shot on both vacuum channels simultaneously.

With a long list of options, the VP MAXI can be upgraded to perform specific vacuum tasks. A centralized version is also available for customers already equipped with a vacuum system.

The control panel can be placed by the DCM controller to provide an efficient process monitoring while the unit itself can be installed in a remote location.

The VP MAXI design allows for extreme easy maintenance and handling.



### Options:

- Vacuum pump 40m<sup>3</sup>/hr (1412 cu.ft/hr)
- Allen Bradley PLC model Panel View Plus 700 with color monitor
- Software for VACURAL® and powder release agents
- Mounting frame for the control panel
- On demand, a central unit execution is available for casting shops equipped with a central vacuum system.

### RECOMMENDED FONDAREX VALVES FOR THE VP MAXI:

Valve Model	Part net weight Al	Part net weight Zn	Part net weight Mg	DCM Locking force
<b>MICRO-P</b>	0,05 - 0,3 kg	0,15 - 0,8 kg	0,03 - 0,2 kg	up to 250 t
<b>MINI-P</b>	0,1 - 0,6 kg	0,25 - 1,6 kg	0,06 - 0,35 kg	up to 400 t
<b>MEDIO-P</b>	0,6 - 4,0 kg	1,6 - 10 kg	0,3 - 2,4 kg	200 - 800 t
<b>MAXI-P</b>	4 - 8 kg		2,4 - 4,5 kg	600 - 2000 t
<b>MACRO-P</b>	8 - 16 kg		4,5 - 9,5 kg	1600 - 4000 t

Note: The VP MAXI is compatible with the SUPERVAC and MECANOVAC valve models.

### Customer satisfaction and high productivity

Relying upon a die casting experience acquired since 1946, our engineers along with our worldwide after sales service and our dealer network can provide quick and reliable assistance.

Spare parts for all FONDAREX products are readily available on short notice, from our main store in Switzerland or from our stores in Germany, Hong Kong and the USA.

### Your FONDAREX distributor:

# FONDAREX®

FONDAREX SA

Rte Industrielle 13  
Z. I. du Rio Gredon - CP 67  
1806 St-Légier - Switzerland

Phone: ++41 21 - 943 00 00

Fax: ++41 21 - 943 00 01

www.fondarex.com - e-mail: info@fondarex.com

