



## INTRODUCTION TO THE NEW FONDAREX ONE / TWO – MOBILE AND CENTRAL

Fondarex aimed at creating a vacuum device to introduce foundries into the technology of vacuum die casting. The target was a simple, reliable and affordable equipment. The Fondarex ONE can control one vacuum valve or chill vent and is suitable for die casting machines up to 800t. The Fondarex TWO can control two valves or two chill vents and is recommended for die casting machines up to 1'400t or 2'200t.

### WHEN DO YOU NEED VACUUM?

The purpose of using vacuum systems is to remove the air from the cavity, reducing gas porosity. In consequence, very thin sections can be achieved easily. A good surface quality and appearance is thus also obtained without requiring more machinery. Casting with vacuum is a game changer on the quality of your parts and at the same time, providing stability to your process and longer life to your dies.

### I WANT TO USE VACUUM BUT HOW?

The Fondarex team can support you on the installation of the equipment on site and provide application study beforehand to fit the vacuum technology into your dies in order to achieve maximum performance.

### THE DEVELOPMENT?

The ONE and the TWO are the result of a knowhow acquired over the years. Very robust and technological units, which is the brand of Swiss made by Fondarex. Beyond that, we designed them in a way to guarantee a friendly usage in terms of control possibilities and in terms of maintenance work. As a final point, Fondarex took the challenge to make these units very affordable, and we succeeded.



**„QUALITY IS NOT AN OPTION BUT A  
COMMITMENT THAT WE MAKE.“**



**NEW**  
**SPECIFICATIONS**

**SO HOW DOES THIS MACHINE WORK?**

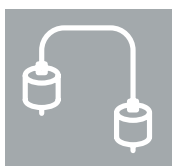
The Fondarex ONE and the Fondarex TWO are available in Mobile or in Central solutions, equipped with the following main functions:



Vacuum measurement in the cavity, with the display of the curve per cycle



Vacuum measurement in the tank during production



Filter contamination control, to ensure cleanliness of the filters



Vent profile control, to guarantee the effectiveness of the vents







Internal storage of 50 production recipes



Control of any vents and any mechanical valves

The Fondarex ONE and the Fondarex TWO have a newly redesigned user interface, making it understandable and user friendly. We made sure to develop a technological product which is easy to use and maintain.

**TECHNICAL DATA**

	 <b>FONDAREX ONE</b> <b>MOBILE 300 / 40</b>	 <b>FONDAREX TWO</b> <b>MOBILE 500 / 40</b>	 <b>FONDAREX TWO</b> <b>MOBILE 700 / 63</b>	 <b>FONDAREX ONE/TWO</b> <b>CENTRAL</b>
<b>TANK [l]</b>	300	500	700	–
<b>PUMP [m³/h]</b>	40	40	63	–
<b>CHANNELS</b>	1	2	2	1 or 2
<b>DCM [t]</b>	Up to 800	Up to 1400	Up to 2200	Up to 800/2200
<b>DIMENSIONS L x D x H [m]</b>	0,7 x 0,7 x 1,8	0,9 x 1,0 x 1,8	1,0 x 1,2 x 1,8	0,4 x 0,3 x 0,7

A remote-control panel is available as an option for placement next to the operator.

**„WITH THE NEW FONDAREX ONE OR TWO, YOU WILL GET THE BEST VACUUM EXPERIENCE AND THE QUALITY YOU AIM FOR.“**

If you would like to get more information contact our team members at [sales@fondarex.com](mailto:sales@fondarex.com)