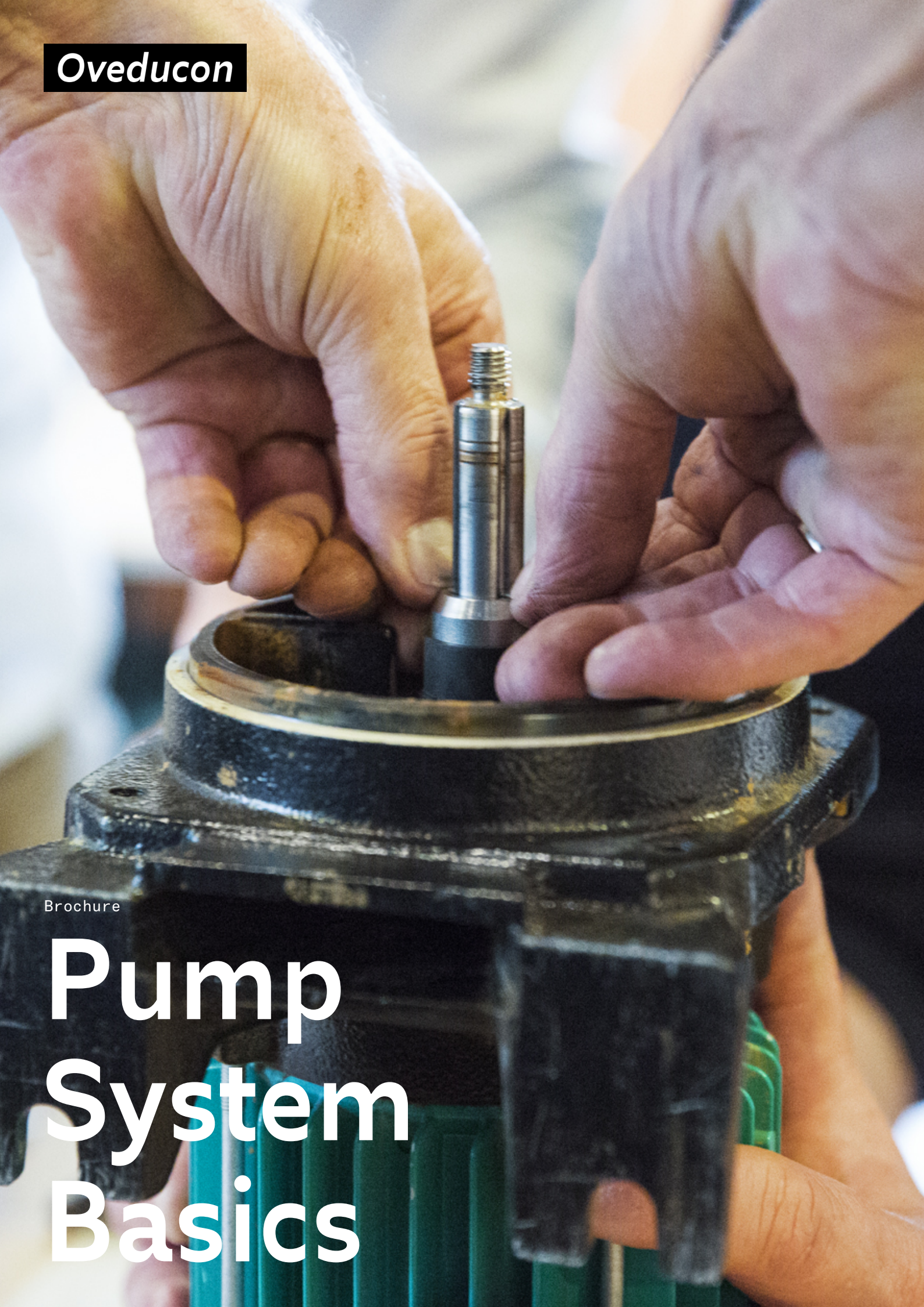
Oveducon



Brochure

Pump System Basics

Course details

Pump System Basics

This course covers all the basics that you need to know to confidently hold your ground in the pump industry. It dives deeps into the workings and application of both the centrifugal- and a wide range PD pumps.

Instead of focusing on just the pump, this course takes a full system approach and shows you the major different components that can be part of a pump system and how these interact with each other.

A lot of practical materials are showcased alongside different animations to help visualize otherwise abstract concepts. By taking this hands-on approach, this course is very engaging for students of all backgrounds.

Includes a graded final exam, reference materials and a 3-month access period (which we happily extend on request).

Discover what's inside

1. Pump principles	What is a pump and how does it work? In this opening chapter you will learn the different working principles through a number of live demonstrations.
2. Centrifugal pumps	In this chapter you will learn the different centrifugal pump types and their individual characteristics and application. Next we will look deeper into the different impeller and seal designs, covering their workings and application.
3. Positive displacement pumps	This chapter covers the ten most common positive displacement pumps, explaining their working principle, different possible designs and their application.
4. Finding information	Where do you find the information you need to give your pump a long and happy life? It is all in the manual! In this chapter the content and usage of different manuals will be briefly discussed with special attention for piping design, pump foundation design and pump start-up.
5. Pump performance	Learn what pump performance is and how to read the different charts and curves that are used in the industry.
6. System overview & elements	The pump is just one piece of a bigger puzzle. In this chapter we will cover all the other main components of a pump system and how they interact with each other.
7. Pump system drawings	In a pump system there is usually a lot of detail around the pump. To make this visible we use technical drawings. In this chapter you will learn what kind of drawings there are and how to read them.
8. Pumps in different segments	In this chapter you will learn more about the application of pumps in different segments. So wherever you might go, after this chapter you will know what to expect.

Jos Overschie

The passionate founder of Oveducon and an expert on centrifugal pumps and its systems. He has over 30 years of experience in the field and 15 more as a teacher, teaching subjects ranging from pump selection, pipe systems, failure analysis and frequency converters.

He is the author of seven books, a sought after speaker and an international consultant that has worked on complex projects from Mozambique to Bangladesh.

Johannes Meijer

A process-industry veteran with a few decennia of experience under his belt. He worked on international engineering projects that included Pepsi, AkzoNobel, Mining, Steel, BrewDev and many others.

What to expect?

Learn when and wherever you want with our practical e-learning courses. No boring longreads or endless PowerPoints but short, easy to digest video's that make learning efficient and engaging.

Each course is based on years of training pump industry professionals on site. Therefor we have skimmed all the stuff you won't need and only included that which really makes a difference in your daily practice.

The result? Courses that are high on practical materials, real-life scenario's and visualizations.

Overview

Pump System Basics

– 7+ hours of bite-size videos
– Centrifugal & PD pumps
– Full system approach
– Practical materials & animations
– In-depth industry knowledge
– Graded final exam
– 3 months to complete
– And much more!

Price: €279

Subscribe

Other courses

- Centrifugal Pump Selection
- Centrifugal Pump Sizing
- NPSH Calculation for Water

More information

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