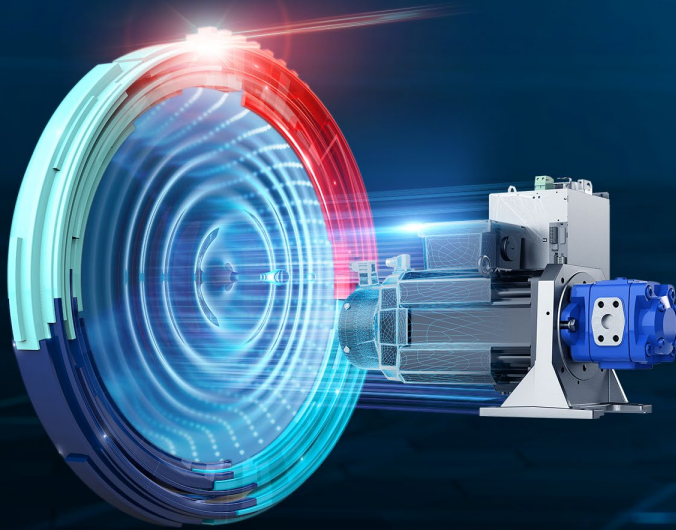


# The Sytronix Weeks

from 20 February to 03 March



MONDAY 20 Feb	TUESDAY 21 Feb	WEDNESDAY 22 Feb	THURSDAY 23 Feb		FRIDAY 24 Feb
Save energy and increase productivity	Project planning of compact & energy-efficient machines	Sytronix DRn 5020 - Operate machines with optimum efficiency	Quick & easy configuration of variable-speed power units	CytroPac and CytroBox - Energy-efficient, compact and connected	"Size & Select Assistant": with a few steps to your optimum solution
MONDAY 27 Feb	TUESDAY 28 Feb	WEDNESDAY 01 Mar	THURSDAY 02 Mar	FRIDAY 03 Mar	
Axial piston pumps in variable-speed applications	Variable speed pump drives in high performance range	Standardization of self-contained axis systems	Connection of speed-variable solutions to a PLC	Predictive Maintenance for your hydraulic system	Project planning of Sytronix applications

# The Sytronix Weeks

## Agenda English Sessions: Week 1

**MON  
20**

### **Save energy and increase productivity with variable-speed pump drive systems**

As an introduction to the "Sytronix Weeks", you will receive a basic overview to the topic in addition to organizational information about the event. Derived from the Boston Consulting study "Green technologies for green business", the requirements regarding energy efficiency for industrial companies are presented. At the same time, the functional principle of hydraulic variable-speed drive solutions will be explained and you will receive an overview of existing solutions.

**TUE  
21**

### **Basics of project planning of quiet, compact and energy-efficient machines with variable-speed pump drive systems**

In addition to the basic characteristics of Sytronix components for variable speed operation, knowledge of system limits and the correct selection of motors, pumps and is imparted.

**WED  
22**

### **Sytronix DRn 5020 - Operate machines with optimum efficiency**

With the DRn 5020 pressure control system, the drive is always operated at the optimum operating point - both in pressure-holding mode and at high volume flow demand.  
The basic working principle, theoretical principles and implemented safety functions are explained.

**THU  
23**

### **Quick and easy configuration of variable-speed hydraulic power units**

You will be guided step by step in the design of variable-speed hydraulic power units. Guidelines and the usual procedure for project planning are presented.

**THU  
23**

### **CytroPac and CytroBox - Energy-efficient, compact and connected as standard**

With CytroPac and CytroBox we present our standard hydraulic power units with integrated variable speed drive solutions in detail.

**FRI  
24**

### **With the "Size & Select Assistant" in just a few steps to the optimum solution for your machine**

The "Size & Select Assistant" design tool from Bosch Rexroth enables a solution tailored to your machine by using measured characteristic curves of the components and validated calculation methods. The program allows an estimation of the expected energy savings. Learn how a hydraulic accumulator can influence the system and design your own system with just a few clicks.

# The Sytronix Weeks

## Agenda English Sessions: Week 2

**MON  
27**

### **Robust, reliable and with integrated speed variability: axial piston pumps in variable-speed applications**

Learn about the advantages of axial piston pumps when used in variable speed applications with increasing technological performance. We will show you the advantages of a variable displacement pump over a fixed displacement pump and present our current and future product portfolio.

**MON  
27**

### **Highly dynamic variable speed pump drive solutions in the high performance range**

The two megatrends of climate protection and digitalization are challenging the hydraulics industry and becoming a driver for technical innovation. Intelligent control systems for variable pumps (based on swivel angle) make a significant contribution to greater energy efficiency, productivity and availability. Find out why this is the case and how to find the optimal solution for new machines and existing systems in this presentation.

**TUE  
28**

### **CytroForce - Standardization of self-contained axis systems**

The CytroForce out-of-the-box solution of flow-optimized standard modules sets new standards in power density, energy efficiency, and quiet operation. Supplied pre-configured, even machine builders with no affinity for hydraulics benefit from previously unknown application possibilities and minimal overall costs from engineering to maintenance.

**WED  
01**

### **Connection of speed-variable solutions to a PLC**

We present materials such as tutorials and how-to videos to help you connect variable speed solutions to a PLC. Experience a live demonstration on our standard power unit CytroPac.

**THU  
02**

### **CytroConnect Solutions - Predictive Maintenance for your hydraulic system**

Get to know our digital service CytroConnect Solutions. We support the maintenance of hydraulic systems. The modular approach ranges from a data visualization solution for the current machine status to a rule-based condition monitoring solution and a predictive analytics service for carrying out predictive maintenance.

**FRI  
03**

### **Project planning of Sytronix applications**

We show you how to project Sytronix applications in a simple way. You will get an overview of ready-to-use Sytronix complete solutions and preconfigured standard modules.