

## **PRESS RELEASE**

### **Global Experts: custom-made products and local service thanks to a uniform technical understanding**

**At SPS Smart Production Solutions, Pfannenberg is presenting efficient and safe cooling and signaling solutions.**

**Hamburg, 15 October 2019. At this year's SPS in Nuremberg, the globally active electrical engineering specialist Pfannenberg is presenting intelligent and energy-efficient cooling solutions, such as an air/water heat exchanger for top-mounting, safe signaling solutions for machine and plant construction and a digital Plug&Play solution for shop floor analysis. From 26 to 28 November, interested visitors can find out more about the many innovative solutions offered by the Hamburg-based company at Stand 115 in Hall 3C.**

#### **Worldwide Network of Experts**

As a globally active company, Pfannenberg stands for Sharing Competence Worldwide, with worldwide experts who have a uniform technical understanding and can deliver a custom-made solutions plus local service. In addition to the production sites and local Research and Development departments, Pfannenberg has a worldwide service network with local partners. Thanks to the holistic concept and close cooperation with their customers – from planning and test phases to maintenance and service – Pfannenberg has acquired many projects, such as an exclusive contract for thermal management solutions with the BMW Group or a fire alarm concept with acoustic signaling devices for one of the world's largest online traders.

### **Heterogeneous Machine Parks becoming Fit for Industry 4.0**

Product development always focuses on efficiency, productivity and cost reduction. A digital Plug&Play solution has been developed in line with this, enabling plant and machine operators and shop floor managers to achieve full transparency with respect to productivity. With the solution, which consists of software and hardware, the current status can be determined based on real-time data and displayed on a dashboard even in a heterogeneous machine park or different assembly stations. In this way, production plants are easily networked with each other by means of a mesh network. The entire data history of the operating states is available with the solution for a continuous improvement process – for example to increase the productivity of the machine park or the efficiency of an individual assembly station. This makes it particularly interesting to companies where heterogeneous machine parks often need to be overseen. This is greatly simplified by the Plug&Play solution.

### **Air/water heat exchanger for simplified planning and system adaptations**

With the PWT 6402 air/water heat exchanger, Pfannenberg has developed a cost-efficient air conditioning solution for top-mounting that offers a further safe alternative to the side-mounted unit already in the portfolio. The practical installation on top of the control cabinet reduces the footprint and planners of production and manufacturing halls achieve even more flexibility. The condensate-proof PWT 6402 heat exchanger with an output of 3.8 kW enables effective cooling at low energy and maintenance costs.

### **Multifunction light with standard day/night reduction**

Each application has different requirements and conditions for signaling. The multifunction PMF LED HI light from Pfannenberg is convincing here with its flexibility: three signal options - flashing, blinking and rotation, eight different operating modes and a large signaling range of up to 411 metres. Thanks to its robust design and its very wide temperature range of down to -40 °C, the PMF LED HI is particularly suitable for harsh environments. The light is not only used in areas such as the automotive

industry, plant construction and logistics, but also in opencast mining, heavy industry and the maritime sector.

### Images/Captions:



**Image 1:** As a global company, Pfannenberg stands for Sharing Competence Worldwide, with worldwide experts who have a uniform technical understanding and can deliver a custom-made solutions plus local service.



**Image 2:** The Plug&Play solution is an analysis tool, consisting of software and hardware, for real-time monitoring of heterogeneous machine parks, which provides more transparency in the machine park by recording and visualizing the operating data of signal devices.



**Image 3:** The PWT air/water heat exchangers for top-mounting are condensate-proof, energy-efficient and reduce the footprint.



**Image 4:** Due to its robust design and its very wide temperature range of down to -40 °C, the PMF LED HI is particularly suitable for harsh environments.

### About Pfannenberg

Pfannenberg is a medium-sized company which provides innovative and high-quality electro-technology for industry. Today, the company belongs to the global players of this industry with its headquarters in Hamburg, Germany and its locations in Brazil, China, England, France, Italy, Russia, Singapore and the USA. The product portfolio comprises components and system solutions for the thermal management of electrical enclosures, chillers, visible and audible signaling technology and custom solutions. A special highlight in the Pfannenberg portfolio is the designed illuminations which are commissioned by architects, designers, and urban and spatial planners ([www.pfannenberg.com/en/solutions/industries/art-illumination/](http://www.pfannenberg.com/en/solutions/industries/art-illumination/)).

You can find more information about Pfannenberg on: <http://www.pfannenberg.com>

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