SEM AB acquires Senfusion AB

The ignition system manufacturer SEM AB from Åmål recently acquired the R&D company SENFUSION AB. The acquisition was closed the 28th of June.

SEM is a well-known actor, particularly in the automotive industry. For nearly a century, the company has built up a unique expertise within electronic ignition systems. In its own production facilities in Åmål and Chinese Suzhou the company, among other market segments, manufacture ignition systems for bus and truck engines adapted to alternative fuels such as biogas and natural gas. SENFUSION has mainly worked with ion current technology in combustion engines, focusing on individual cylinder diagnostic and detection in order to optimize the combustion process. The Company owns intellectual property rights (IPR) in the area and has patent applications presently pending.

Ion current technology is not new to SEM. In the ignition cassette to SAAB the technology has been used since the mid-1980s. The technology has gradually evolved into the ignition systems which are currently being delivered to the expanding market for natural gas and biogas engines.

The acquisition of SENFUSION gives an extra edge to SEM’s offer.

- Acquiring SENFUSION complements our own skills and brings value to this strategically important market segment, says Tom Gustavsson, SEM’s CEO. Our interest in SENFUSION aroused primarily because of the company's knowledge of the cylinder individual optimization of combustion processes by ion current technology allowing closed loop control.

For SENFUSION the new ownership means financial muscles and capacity to move forward with their technical solutions into serial production.

- Taking this step would have been almost impossible on our own, says Jakob Ängeby, former owner who, through the acquisition, becomes part of SEM’s organization. I am now entering an environment where I can continue to develop the technology and integrate our solutions into SEM’s ignition system.

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