



## NEWS RELEASE

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### **NOVAPLEX: A Line of Leak-Free High Pressure Process Pumps**

DELAVAN, WI (2003) –BRAN+LUEBBE - Bran+Luebbe has introduced a revolutionary line of diaphragm pumps. The NOVAPLEX high-pressure process pumps provide universal chemical resistance, and are designed without sealing gaps – a feature that allows the manufacturer to guarantee no leakage. Because wear-induced leaks and emissions are eliminated, the NOVAPLEX provides substantially improved environmental acceptability. The system also guarantees minimal wear on plungers and packings, increasing operational reliability.

Applications for which the NOVAPLEX is suitable include metering of corrosive, abrasive or toxic liquids, suspensions or dispersions, solvents, liquid gases or any type of hazardous liquid. Employing a modular concept, the NOVAPLEX can be designed with various gear sizes, combinations of between one and seven gears, PTFE or metal diaphragms and variable flowrates depending on the high-pressure pump application for which it is required. Low-maintenance reduction gears decrease the speed of the pump externally, guaranteeing silent operation with minimum energy consumption. A separate splash lubrication for each gear segment ensures continuous operation.

Double diaphragms with more than 20,000 operational hours and an integrated pressure relief valve contribute to the system's reliability. Additional features and benefits include a patented controlled diaphragm deflection that provides the highest volumetric precision, unlimited suction pressure capabilities, and unlimited variability (from zero to maximum) of crank shaft speed/flowrate by variable speed drive system. Low pulsation amplitudes are also possible with multihead arrangements.

For more information about the Bran+Luebbe NOVAPLEX product line, e-mail: [info.usa@bran-luebbe.com](mailto:info.usa@bran-luebbe.com). Visit Bran+Luebbe's website, [www.branluebbe.com](http://www.branluebbe.com) or call 1-800-252-5200.

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