

Pump Packages



Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader. The company's highly-specialized, engineered products and technologies serve customers in three primary strategic growth markets: infrastructure, process solutions, and diagnostic systems. Many of SPX's innovative solutions are playing a role in helping to meet rising global demand, particularly in emerging markets, for electricity, processed foods and beverages, and vehicle services. The company's products include thermal heat transfer equipment for power plants; power transformers for utility companies; process equipment for the food & beverage industry; and diagnostic tools and equipment for the vehicle service industry. For more information, please visit <http://www.spx.com/>.

For more than 75 years, Bran+Luebbe - now SPX Flow Technology - has been providing customers with high quality metering, processing and analysing equipment.

As part of the global SPX Corporation, we are one of the world's most reputable manufacturers of metering and process pumps, process systems as well as analyzing technologies. Our engineers have comprehensive process and applications knowledge across a wide range of markets. This has resulted in product innovations and developments which harness the latest technology whilst meeting the highest quality standards.

Bespoke Pump Packages Providing Engineered Solutions from a Single Supplier

With our many years involvement in the metering pump and package building industry Bran+Luebbe has gained a wealth of experience in the control, installation, layout and sourcing of components which best complement our metering pumps. This has been achieved through our activities on a global basis, in diverse markets such as Oil & Gas, Petrochemical, Chemical Processing, Food & Beverage, Toiletries & Detergents, Pharmaceutical and Water Treatment. The individual demands of each of these industries are well understood by our engineers who as a result can fully appreciate application requirements and provide appropriate technical solutions.

By investing in a Bran+Luebbe pump package our customers profit from a number of key benefits that include



BESPOKE DESIGN

Once process parameters are established during an initial review meeting our engineering team develop and design a proposed solution that meets all requirements allowing for any potential problem areas such as NPSH. Where necessary, control systems can be included to cover Batch, Flow or Proportional Control into a main line stream including PLC that can link to SCADA for recipe download, alarms and reporting as required to suit the process.

SINGLE POINT OF CONTACT

In today's cost conscious, lean manufacturing environment the ability to effect a project can stretch the available resource. By placing the responsibility for the project with SPX Process Equipment our customers can free up their valuable time by dealing with one supplier in the knowledge that the design, selection and sourcing of equipment as well as assembly, testing and supply will result in a process that will function fully to their expectations.

SUPPORT

Based at our UK headquarters we have a dedicated team providing spare parts, regular servicing, service contracts including 24/7 support, on or at line diagnostics, technical support, training and refurbishments along with any warranty issues.

STANDARDS & ACCREDITATIONS

As part of SPX Process Equipment, Bran+Luebbe is accredited to ISO9001/2000 and supplies to recognised industry standards such as CE, PED, ATEX, FPAL etc.

EQUIPMENT SELECTION

All required components are sourced from approved suppliers and selected to ensure compatibility for the process, suitability for the application and to enhance the safe and reliable operation of the process. Typical items within a Bran+Luebbe pump package could include:

PUMP

Appropriate pump to satisfy the specified duty.

FLOWMETERS

Mass or Mag type to monitor or control the pump flow.

STRAINER

Removes particles of dirt, debris etc from the liquid eliminating the possibility of inaccurate metering and wear caused by these particles entering the pump.

DAMPENERS

When used in the pump suction or discharge line a uniform flow is produced which reduces losses and pipe knocking caused by mass acceleration. This provides increased protection against cavitation in the suction line and against high pressure and over dosing in the discharge line.

PRESSURE RELIEF VALVE

By design any positive displacement pump operates independently of pressure and will continue to operate in the event of a dead head condition. A pressure relief valve will prevent a rise in operating -pressure above that which the system is designed.

PRESSURE SUSTAINING VALVE

Provides the pump with a constant positive discharge pressure, and assists in the prevention of over dosing caused by mass acceleration, or when suction pressure exceeds discharge pressure.



Installation Layout Illustration



SOLAR POWERED PACKAGES

Completely self contained including solar panels and battery back-up.

Typical power consumption of motor for 15 l/hr x 250 bar operating pressure will only be 160 watts.





THE PRODUCT RANGE: MORE EXAMPLES OF BRAN+LUEBBE PRODUCTS WITH HIGH QUALITY STANDARD, INNOVATION AND KNOW-HOW.



Metering Pumps
for universal application
in the low to medium
requirement range
ProCam
ProCam Smart
ProCam Hygienic



Process pumps
for large flow rates and
high operating pressures
NOVAPLEX
NOVAPLEX Integral
NOVAPLEX Vector
MEGANIZER
High pressure homogenizer



Dynamic in-line mixer
for gentle but intensive
mixing
PENTAX
PENTAX Hygienic



Process systems
as a complete solution for
increased productivity and
quality
AutoBlend
Metering and mixing systems



Oil & Gas systems
to aid oil & gas recovery
onshore and offshore
Solar Panel Packages
Chemical Injection Systems
Flow Control Device Panels



On-line analyzers
for use in water
and effluent treatment
PowerMon
PowerMon S
PowerMon Compact

Global locations

EMEA

SPX FLOW TECHNOLOGY

Werkstraße 4
D-22844 Norderstedt
Phone: +49 (0) 40 - 522 02 -0
Fax: +49 (0) 40 - 522 02 -444
E-Mail: branluebbe@spx.com

AMERICAS

SPX FLOW TECHNOLOGY

611 Sugar Creek Road
Delavan, WI 53115 USA
Phone: +1 (800) 252-5200 or
+1 (262) 728-1900
Fax: +1 (262) 728-4904
E-Mail: branluebbe@spx.com

APAC

SPX FLOW TECHNOLOGY

25 International Business Park
#03-03/12, German Centre, Singapur 609916
P: +65 6568 1568
F: +65 6265 9133
E: asia.pacific@spx.com

SPX FLOW TECHNOLOGY NORDERSTEDT GMBH

Werkstraße 4
D-22844 Norderstedt
Phone: +49 (0) 40 - 522 02 -0X
Fax: +49 (0) 40 - 522 02 -444
E-Mail: branluebbe@spx.com

SPX reserves the right to incorporate our latest design and material changes without notice or obligations.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.spx.com.

"The green ">" is a trademark of SPX Corporation, Inc."