

FLUID SYSTEMS

B&K

WÄGE- UND ANLAGENTECHNIK





WARMING CABINETS

To heat up liquids in IBC containers, B & K offers several types of warming cabinets.

Here the fluids from the IBC containers are automatically conveyed into an underlying heating vessel and heated and provided in the desired time, in accordance with the process parameters.

Types	Rolling gate or swing door available
Components	1-2 components in IBC containers
Temperature	Heating cabinet to 50°C, heating vessel to 150°C
Throughput volume	Tuned on a case by case basis
Special equipment	F 60 fire protection or available with a sprinkler system

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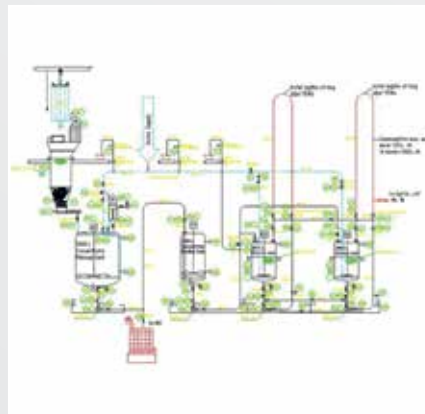
STORAGE AND TREATMENT

| HEATING VESSEL |
| MIXING SYSTEM |



HEATING VESSEL

Liquids, for example, can also be accepted from lorry tankers and conveyed to liquid tanks or heating vessels.



MIXING SYSTEMS

Example: Promol processing plant for the tire industry:

Here, a solid is mixed with a liquid through several steps, to obtain the desired concentration.

Typs	With pumstation or gravimetrically supply and drain
Temperature	250°C
Throughput volume	tuned on a case by case basis

| MULTICOMPONENT SCALES |
| FULLY AUTOMATIC - |
| SCALE CONTROL SYSTEM |



FULLY AUTOMATIC SCALE CONTROL SYSTEM

You save your maintenance team the cumbersome task of calibrating the system as the weighing system tests itself at adjustable intervals.



MULTICOMPONENT SCALES

B&K Liquid scales
For an arbitrary number of components.
The product is delivered to the scales free-flowing or via a pump.

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LIQUID SCALES



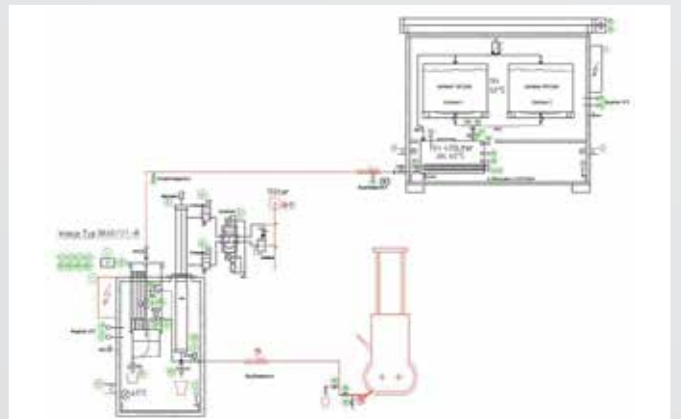
LIQUID SCALES

Liquid scales can be used in almost all industrial sectors.

Filling: gravimetric or via pumps with special dispenser ball valves.

Here, it is often important that the raw materials / oils are heated in order to achieve the desired viscosity.

Finish	Re-weighing or classic weighing
Material	Stainless steel, normal steel, aluminum
Temperature	Can be heated up to 130°C (if desired)
Products	Oils, waxes, softeners, natural rubber, etc.
Charge weights	Freely dimensioned



B&K CYLINDER FEED

Example: BK60 / 1/1-R, 60kg liquid scale designed as check scale with 60dm³.

Cylinder for dosing and injecting. The product is held and heated in a **B&K** heating cabinet for IBC containers with integrated storage tanks.

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CYLINDER DOSING SYSTEM

PRODUCT-FRIENDLY LOW-WEAR



CYLINDER DOSING AND INJECTION SYSTEMS

The product is dispensed from a storage tank via a cylinder with an integrated measuring system or withdrawn from a loop wiring system and is injected up to a pressure of 100, depending on the specification. Alternatively, this can also be done with gravimetric control.

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