schenck process

Accurate Dosing.
For Optimum Growth.

Est. 1881
125 YEARS
of making processes work

Competence in Fertiliser Industry

we make processes work

Competence in Fertiliser Technology:

MULTICOR® S
Mass Flow Meter

Precision measuring and metering in accordance with the Coriolis principle. With a flow-controlled prefeeder it becomes a feeding system.

MULTISTREAM® B
Inline Measuring System

Compact inline measuring system based on the impact plate principle, for the continuous acquisition of flow rates. MULTISTREAM® B can be used for flow rate and consumption measurement. With a flow-controlled prefeeder it becomes a feeding system.

MULTISTREAM® G
Continuous Solids Flow Feeding

Mass flow measuring according to the deflector measuring principle in a compact design. MULTISTREAM® G in conjunction with a flow-controlled prefeeder becomes a feeding system and can even be specially equipped for hot materials.

MechaTron®
Gravimetric Feeders

The modular dosing system for a wide range, with integrated measurement, control and regulation electronics. For feeding of anti-caking material to avoid sticking of fertiliser granules/prills.

Weighing and feeding technology for the fertiliser industry from Schenck Process.

In continuous production systems, the additives are frequently fed to a mixer using the gravimetric dosing process. This requires both high dosing accuracy and consistency.

You have the optimum recipe – we have the right weighing and feeding solution for even your most complex tasks.

The combination of know-how, field-proven technology and many years of experience enables Schenck Process to offer customers within the fertiliser industry tailor-made solutions.

Embracing International Standards:
DIN-EN Standards
EU Machinery Directive
UL

Certificates:
Pattern Approval Certificate of Measuring Instruments
DIN ISO 9001:2000
GOST R
Ex (optional)

SacMaster®
Universal Big-Bag Emptying Station

Thanks to its modular design the SacMaster® is ideal for a host of different process requirements e.g. secondary filling station for the MechaTron® Feeder.

MULTIDOS®
Weighbelt For Flushing Material

Two weighing modules ensure reliable load measuring. Belt-run monitoring avoids calculation errors. Automatic belt tensioning and tracking device ensures constant belt tension. Special belt for weighing tasks, endless vulcanised. Rugged weighfeeder design, suitable for use in aggressive atmospheres. Stainless steel variant available.

MULTIBELT®
Continuous Bulk Solids Measurement in Belt Conveyor Systems

Suitable for flow rates of up to 20,000 t/hr with an accuracy of up to 0.25 %. The legal-for-trade version is suitable for IEC belt widths.

Chain & Belt Conveyors En Masse Elevators Bucket Elevators

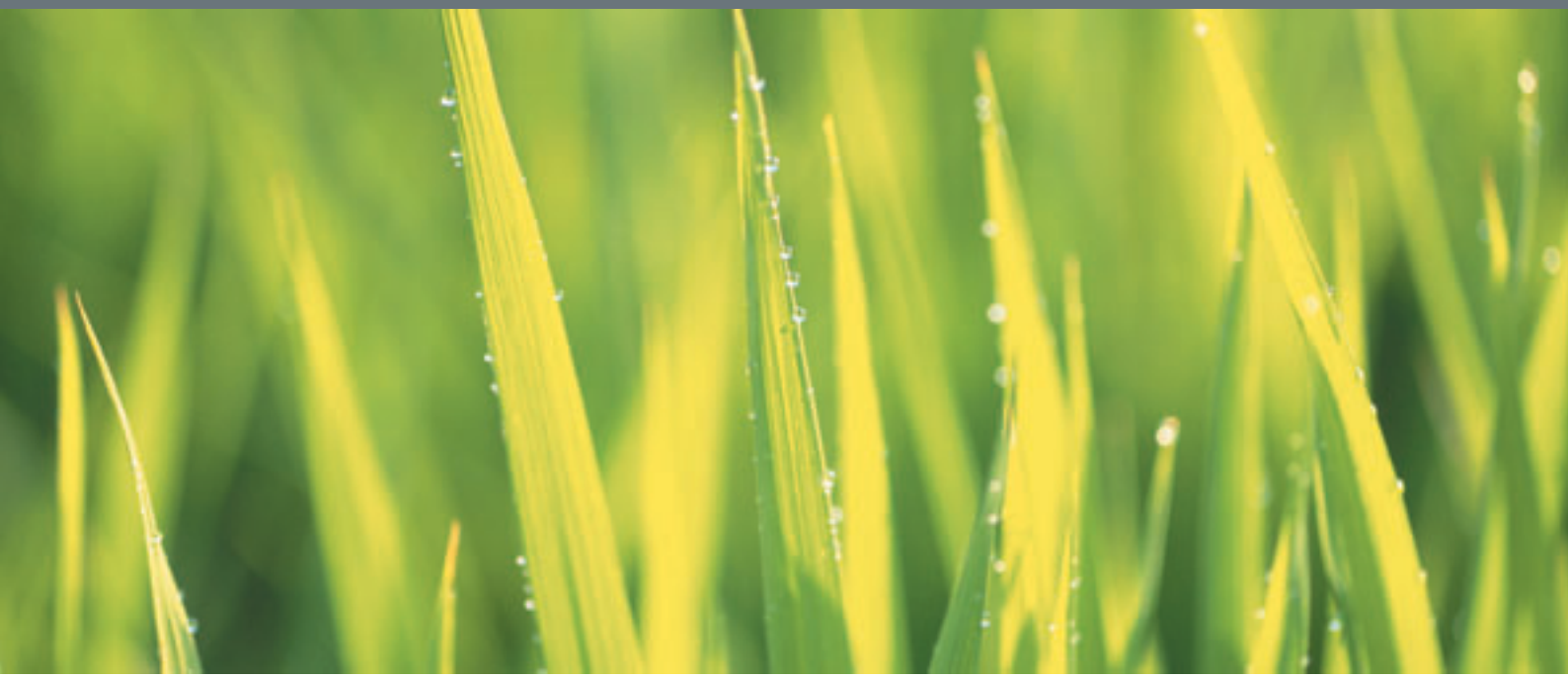
For capacities from 1 – 2,000 t/hr. Construction, mild steel to stainless steel. Dust-tight and weatherproof, heavy duty gas-tight. High temperature pressure-tight construction option.

Typical requirements on the equipment

- Rugged weighfeeder design
- Resistance against a very dusty and chemically aggressive ambiance, i.e. requiring special painting as well as connecting elements, carrying idlers and weighing modules of stainless steel, appliance completely made of stainless steel
- Clean scale environment
- Dust-tight housing
- Electronics separated from the mechanics (control cubicle in a safe area)

Electronics

Our electronic controllers of the DISOMAT®, DISOCONT®, INTECONT® and DISOCONT® Master ranges ensure a trouble-free interface with the plant´s process control system.



Storage Solutions

For Intake and Storage

Bridge Distribution System – BDS. For portside or inland applications by using new or existing storage facility. Maximises available storage capacity by even and controlled distribution of the material throughout the store.

Silo Distribution

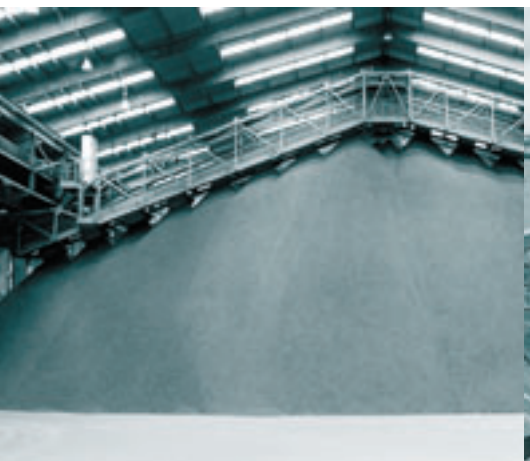
High Capacity Silo Feeding

Conveying technologies with extensive range of Chain Conveyors, Belt & Bucket Elevators providing capacities from 1 to 2,000 t/hr. Weatherproof and dust-tight construction, wear and corrosion resistant design available. Conveying systems are designed to suit the various types of storage facilities.

Mobile Reception Hopper

Grab-Loaded Rail-Mounted Hopper

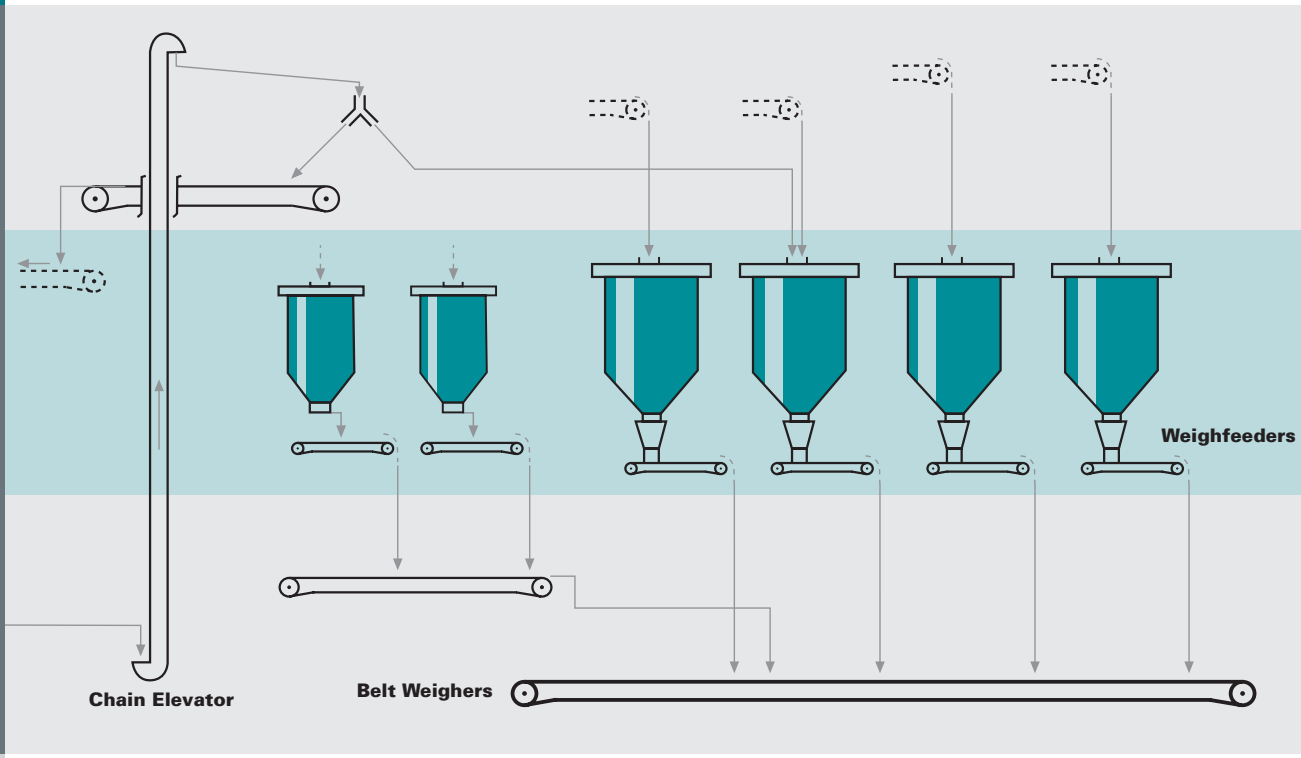
Generally for portside applications, heavy duty structural design, grid and integral dust supression, outloading to road vehicles or adjoining transfer system options.



System Competence:

Schenck Process demonstrates its expertise not only in individual products and applications but also in providing complete systems – from planning to execution.

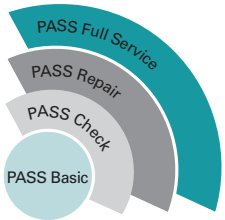
Various raw materials are discharged from silos with the aid of feed units and fed onto a collecting belt via weighfeeders. Conveyor belts and elevators transfer the batched raw materials to an intermediate hopper continuously feeding a mixer.



Process Advanced Service System
PASS

PASS:
Customised to meet your requirements, our comprehensive Process Advanced Service System provides you with the best service:

- Service around-the-clock
- Over 30 service points
- Over 180 service specialists
- Expert training for customers



To make the lives of our customers as simple as possible, our service products have been split into 4 levels that reflect the various stages of the product life cycle and enable us to provide a targeted customer service.

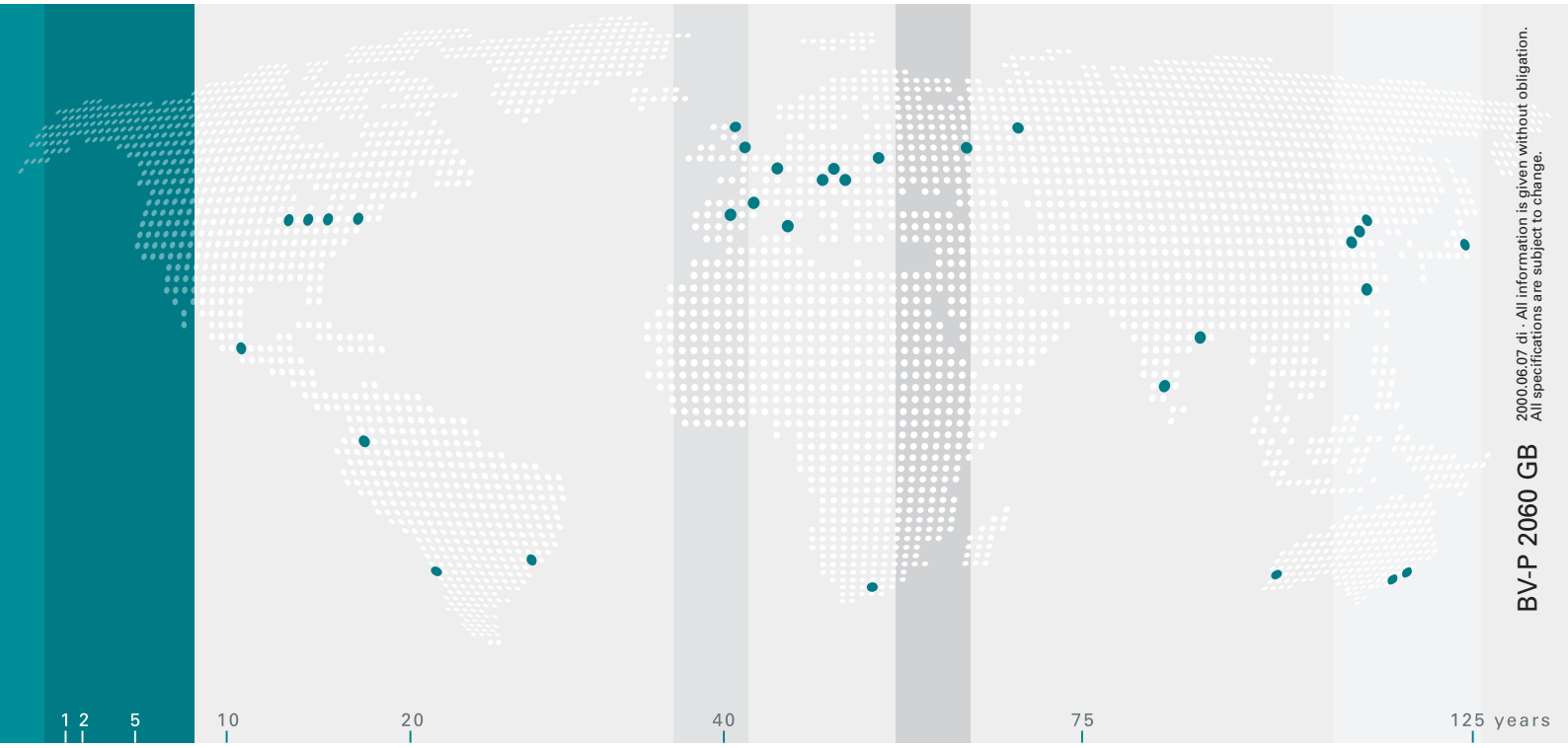
schenck process

weighing

feeding

measuring

automation



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All specifications are subject to change.

Schenck Process is the global market leader of solutions in measuring and process technologies in industrial weighing, feeding, measuring and automation.

Schenck Process develops, manufactures, assembles, markets and sells a full range of solutions, products and turnkey systems on the basis of combining process engineering expertise, reliable components and field-proven technology.

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we make processes work