

HACCP SAFE!

MAGNETIC SYSTEMS AND METAL DETECTORS FOR
THE MILK AND POWDER MILK INDUSTRY



GOUDSMIT

magnetic systems

HACCP FOR POWDER MILK



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Yoghurt, cheese spread and desserts are like paste or viscous, transported products that may carry with them the iron particles picked up during the process. The completely sanitised Neoflux® magnetic filter is the solution to this problem with the use of the powerful GSN38 magnetic rods. The rods remove the smallest iron particles from products that are transported under pressure.



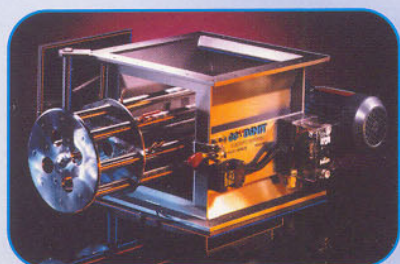
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Milk and cocoa powder often contain ferrous and non-ferrous particles. The all-metals-catcher removes both and can be built into free-fall systems. The solution for the removal of ferrous particles from 25 microns and non-ferrous particles from 0.6 mm in one movement from granular materials and materials in powder form.



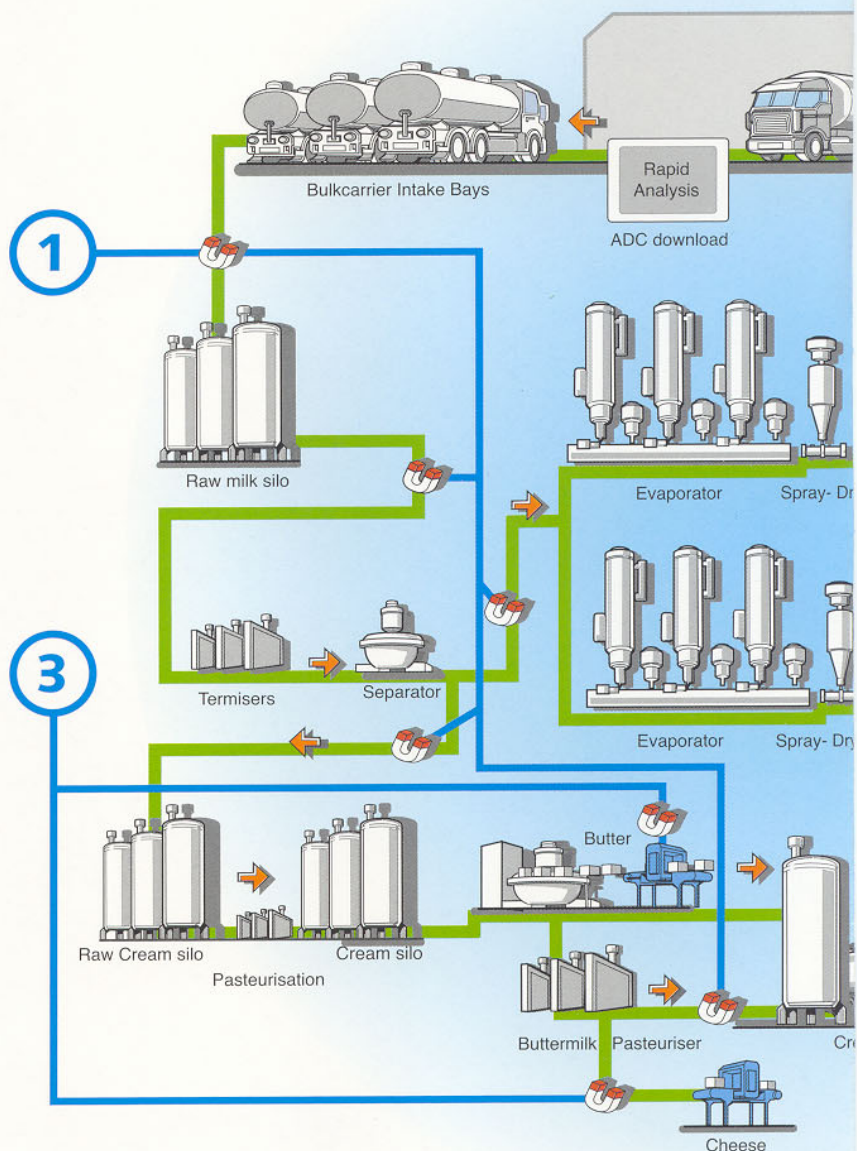
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Product liability questions should of course be avoided at all times. If a metal particle should however escape Goudsmit's magnets, as an extra final inspection metal detectors are positioned at the end of a packaging line (of, for example, butter or cheese). The Metron metal detector is available with various separation systems and has an extremely high sensitivity.



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Milk, cocoa and egg powder are greasy powders that may adhere to the magnetic rods. To prevent this rotating clean-flow magnets have been developed that prevent the product forming a bridge on the rods. These magnets remove iron particles from 25 microns from greasy powders and are also available in combination with a metal detector (as an all-metals-catcher)



"Hazard Analysis Critical Control Point". The abbreviation HACCP will no doubt be familiar to you. Of course – you are only too aware that customers expect the very best from you when it comes to the reliability of semi-finished products or end products.

Goudsmit Magnetic Systems delivers reliability. To put it more strongly - innovative solutions for the removal and detection of metal contamination is what we are good at. In more than 80 countries world-

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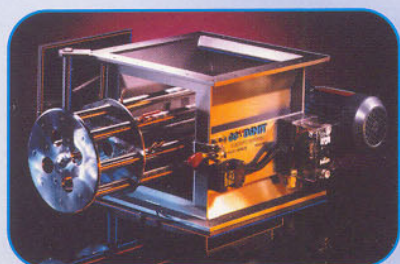
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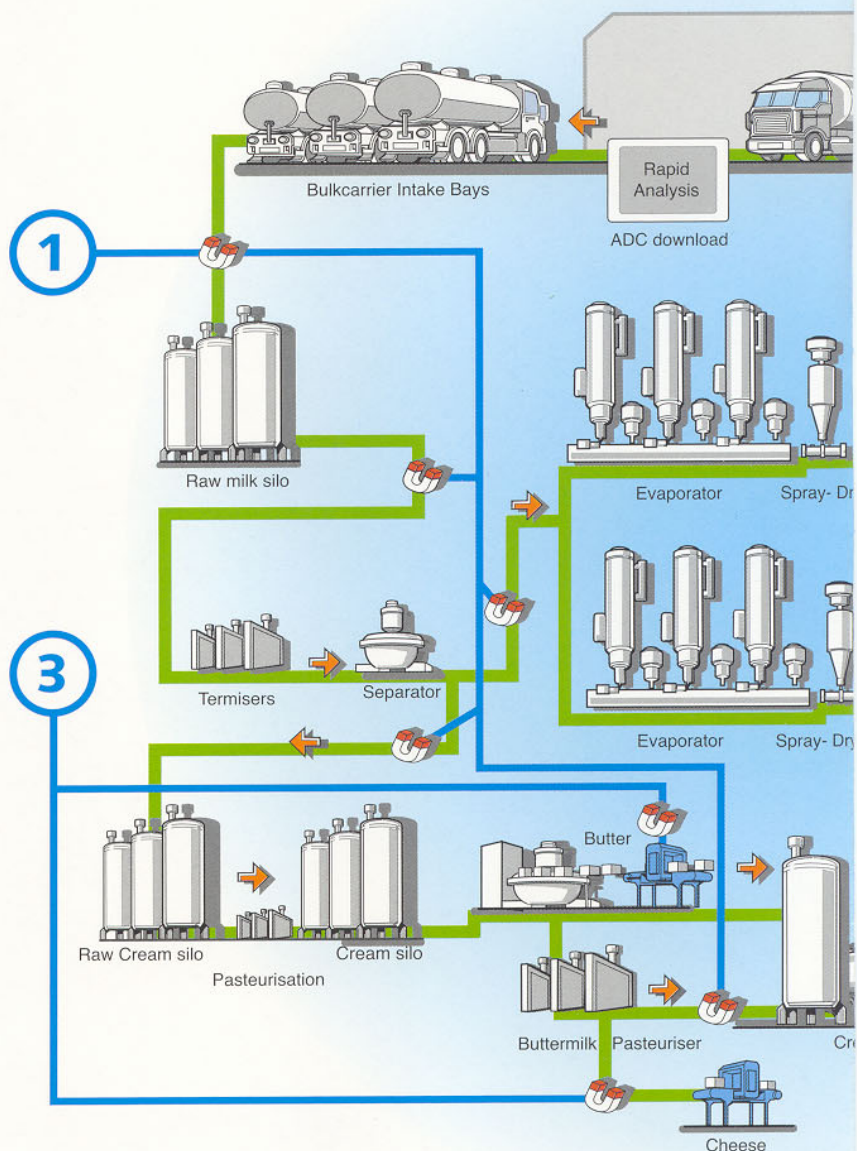
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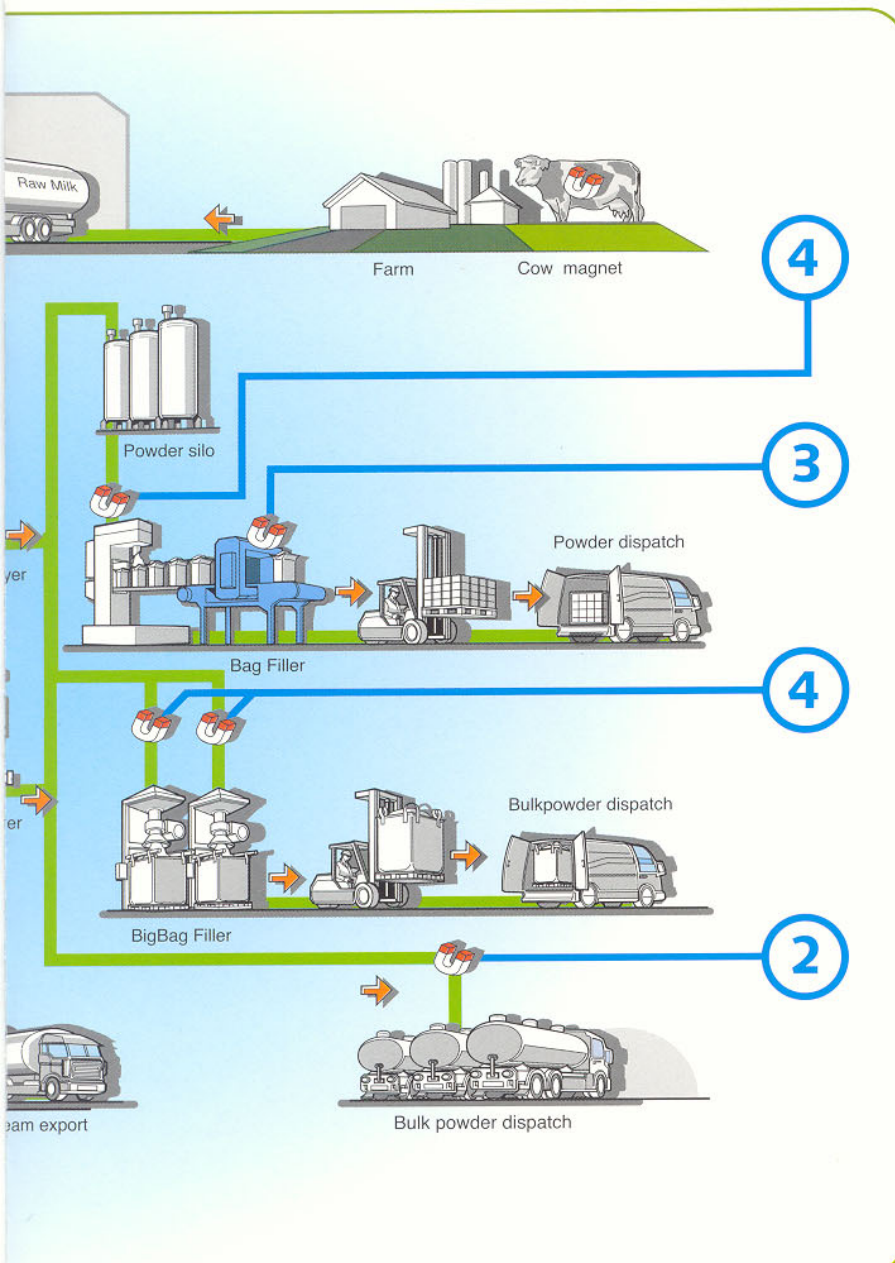
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MILK AND K PRODUCTS



Intake (inspection): ①



Although the raw (milk) product is supplied in a closed process, inspection of this is necessary.

The Neoflux® Pharma Filter developed by Goudsmit (itself) is used for this.

Production process: ④

Metal contamination may occur in particular when starting up or after a prolonged period of standstill.

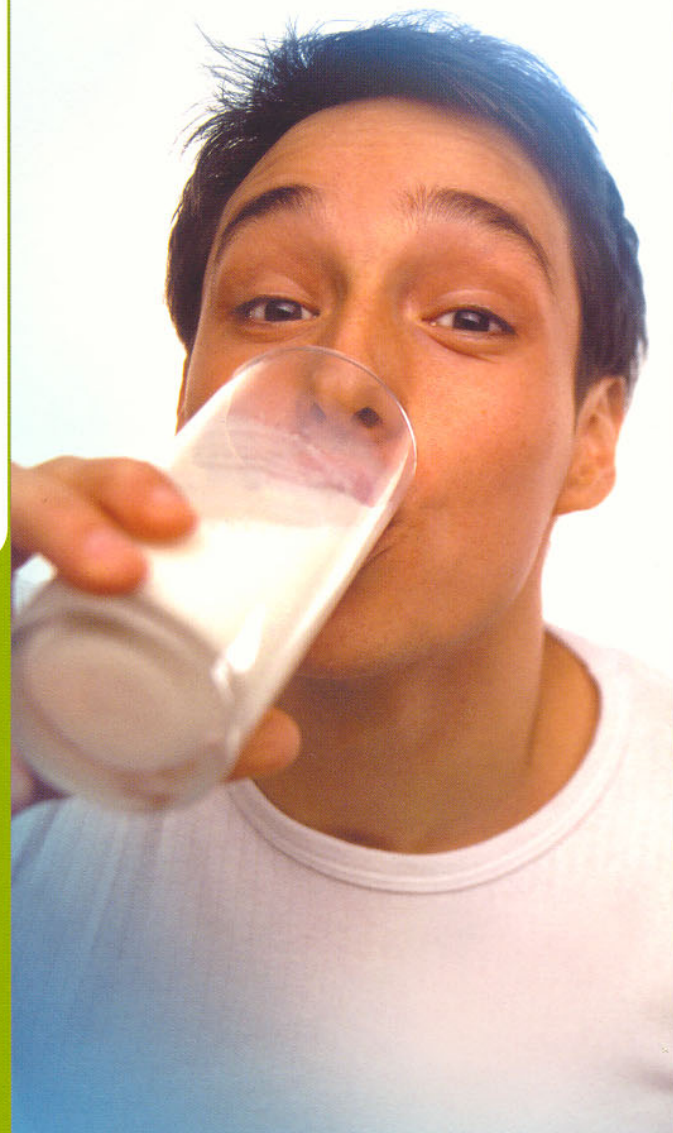
Goudsmit supplies various types of clean-flow magnets for this or develops innovative tailor-made solutions.

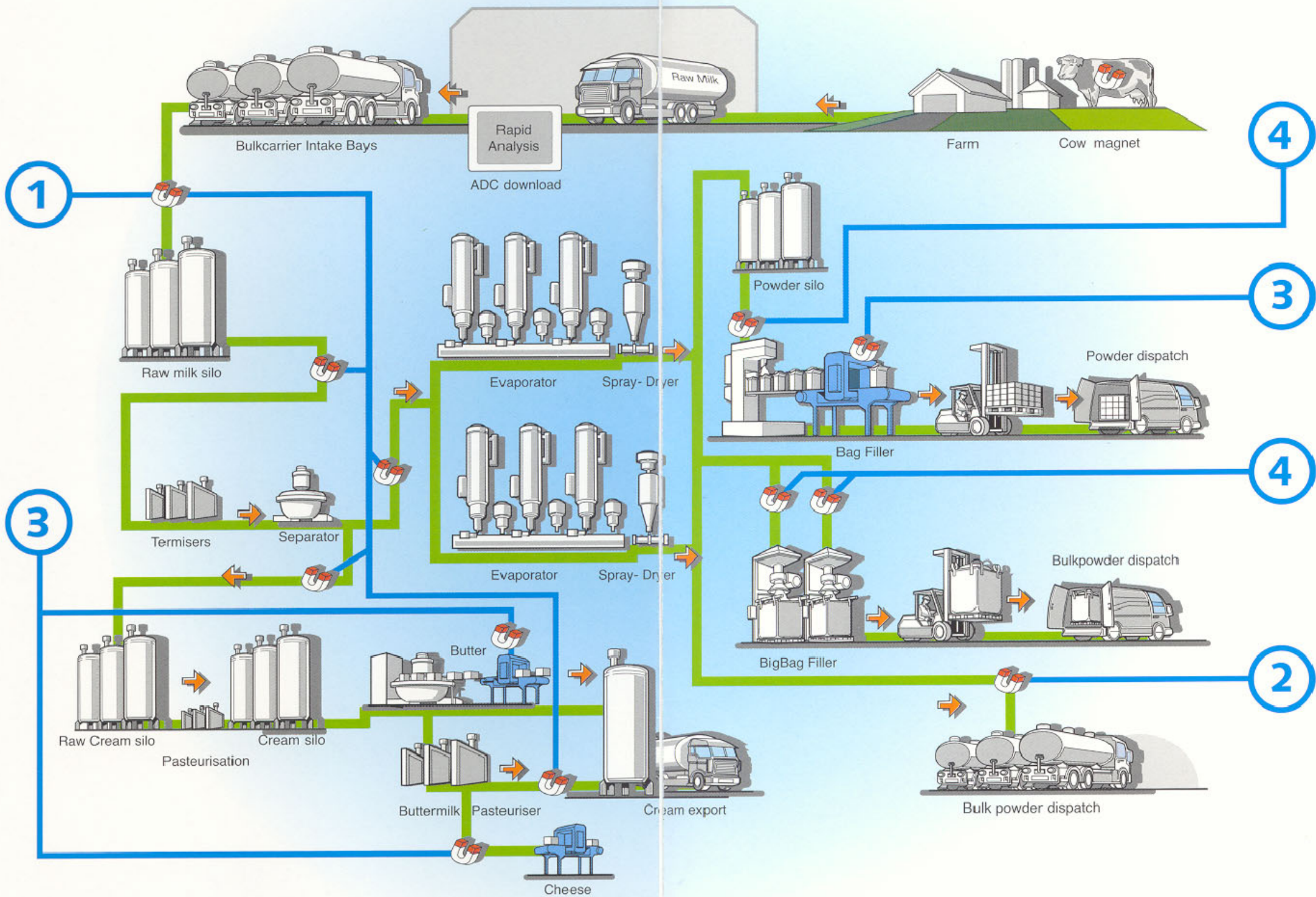
Packaging and shipment: ② ③

Depending on the type of packaging or the method of shipment, combinations of magnets with metal detectors are used. Irrespective of the process, Goudsmit supplies systems that can catch particles from 30 microns.

wide Goudsmit supplies magnetic systems and metal detectors, which means that your products pass the HACCP norm without any problems. ISO certified - this speaks for itself and with a thorough knowledge of the processes and sensitivity in the food industry.

Want to become a partner in our experience and know-how? Contact our knowledge centre -Magnetic Separation- directly and we will tell you all you want to know.





"Driven by Magnetism"

Since 1959 Goudsmit Magnetism in Waalre (NL) has been developing magnets, magnetic systems and metal detectors for a wide range of industries. At this moment Goudsmit has companies in 6 European countries - with more than 120 employees working daily on optimum quality and service for customers in over 80 countries world-wide.

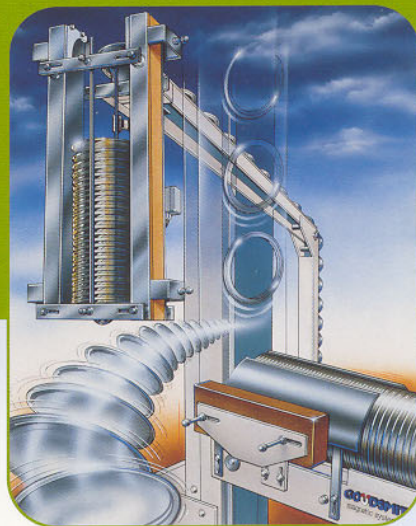
The Magnetic Separation division of Goudsmit Magnetic Systems has developed into an innovative knowledge centre for metal contamination in the food industry. The HACCP norm is the starting point for tailor-made and turn-key solutions and the supply of standard systems for almost all production processes.



Systems for virtually every type of production process, for example, for making cheese, ice cream, butter, dairy desserts, milk, milkshakes and other dairy products...



... but also for the magnetic palletisation of tins and glass jars with twist-off caps...



... and for the hygienic magnetic transportation of tin-packaging, lids and twist-off caps.



GOUDSMIT
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Goudsmit Magnetic Systems B.V.

Petunialaan 19

P.O. Box 18, 5580 AA Waalre

The Netherlands

Tel. +31(0)40-2213283

Fax 31(0)40-2217325

www.goudsmit-magnetics.nl

e-mail: systems@goudsmit-magnetics.nl