



MT Intersales

Group Intersales

WE FIT THE JOB !



GROUP INTERSALES
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Brief presentation Group Intersales

MT Intersales

The contact point for those looking for products of the highest quality standard. We offer exclusively Maier rotary joints, expanding shafts and safety chucks, spreader rolls, friction shafts and brush rollers. You can also contact us for repairs. At your request, we will visit you to evaluate the situation on site, without any obligation on our part

CM Engineering

Made-to-measure metalwork as an answer to your question. On the basis of our study or on the basis of a supplied design!

Leenstra

Safety first! That is our motto...

We are the exclusive distributor of our supplier Niebling for the detectable and non-detectable hygiene range with more than 3500 articles, IPS, BRC - FDA - HACCP approved.

At Leenstra you can also find industrial roller brushes, made to measure & for all purposes.

MT Services

The specialist when it comes to moulds! Both press moulds and injection moulds are produced, repaired or adapted. Moulding systems have no secrets for MT Services.

MT Intersales

Our product range



THE COUPLING CONNECTION !



Maier rotary joints

A rotary joint is the connection between a fixed and a rotating pressure system. Any rotating system that needs to be cooled or heated therefore relies on water, steam or thermal oil rotary couplings. Depending on the application (pressure, temperature, medium, diameter) we offer different types:

**DC**

Rotary joint suitable for hot water and steam at high pressures and speeds. Relieved mechanical seal with external water cooling.

Extremely suitable for paper and fleece calendars, fibre and corrugated cardboard machines. Suitable for large steam heated dryers. Patented system.

DP

Universal rotary joint for water and thermal oil with relieved mechanical seal and roller bearings. Various sealing combinations can be selected, depending on the application.

Extremely suitable for the pressure and plastics industries.

DQ

Rotary joint for thermal oil at high temperatures and speeds, relieved mechanical seal. DQ, DQT, DQTX with additional cooling circuit for cooling and lubrication of bearings and seal. Extremely suitable for fast running calendars.

DX

Universal rotary joint for water, equipped with mechanical seal and roller bearings. DXS with highly resistant sealing surface with ceramic coating for higher temperatures and speeds as well as a longer service life.

**DZ**

Rotary joint for compressed air. Multiple channels for different pressures, large and small volumes. Stainless steel with special sealing rings and counter surfaces made of ceramic or other hard material. Extremely resistant.

H

Universal rotary joint with maintenance-free carbon sealing rings and plain bearings. Metal-impregnated sealing rings for thermal oil and high pressure loads with hot water and steam. Built-in vacuum valve at H3 for steam cylinder. Wide range of different versions.

M

Robust rotary clutch for contaminated media at low speeds. Easily accessible lubrication points. Supporting bearing corrosion resistant. Runner connection based on K-flange connection and standardised thread connections according to ISO 228. Reducing pieces for NPT thread available.

MP

Multi-channel rotary joint for the simultaneous passage of up to passage of up to ten different media simultaneously. E.g. turntables, tools, ...



Service team repairs Maier rotary joints

Let us repair your rotary joints!

Our service team is specialised in the repair of all standard rotary joints. DQ and DXSA joints can also be reconditioned on site.





Expanding shafts

Working principle

An expanding shaft is a pneumatically expandable shaft. The core is fixed, but the usable shaft diameter can be increased by expanding cams or stripes that are controlled by compressed air. In this way it is possible to put the shaft in its normal position inside a sleeve and then apply compressed air so that the sleeve tightens around the shaft and rotates to wind or unwind the material. To remove the shaft from the sleeve, simply let the air to remove the shaft from the tube, simply let the air escape and allow the cams or stripes to slide back in.

Applications

Expanding shafts were, of course, originally used mainly in the textile and paper industry. However, the system can be perfectly integrated in any packaging process involving rolls of paper or film. Compared to a system with conical pieces, an expanding shaft offers the following advantages:

- High accuracy
- Time saving
- No manual intervention required
- The rolls are clamped across the full width



Standard types of expanding shafts

Expanding shaft with cams



Expanding shaft with stripes



Span sleeves



Port à faux



Service team repairs expanding shafts

Have your expanding shafts repaired with us!

We have most wear parts in stock. Therefore, our service team can always offer a quick service for the repair of your damaged shaft.



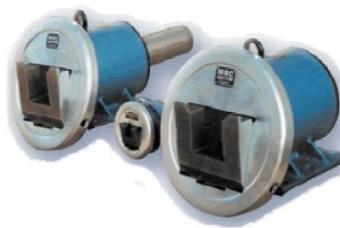


Safety chuck

Working principle

Depending on the type of machine, it is necessary to mount the expandingshafts using safety chucks. This can be mounted with a motor to drive the shaft or with a brake to slow it down.

These are available in various designs: with or without drive shaft, on foot or with flange.



Safety chuck on foot



Safety chuck with flange



Spreader rolls

Working principle

Spreading rollers are used to remove the folds from wound material. We find them in many sectors.

The wrapped material may consist of:

- paper
- cardboard
- textile
- aluminium
- plastic folie

This includes hot or cold and dry or wet material. The spreaders can be up to 10 metres wide and have a fixed or adjustable arch.

Service team repairs spreaders

Let us repair your spreaders!





Friction shafts

Working principle

Friction shafts are used in applications where several small rolls lie on one shaft. Because the tensile stress of the material (paper or film) is often not completely identical across the width of the master roll, it can happen that cut rolls are not the same length.

It is therefore sometimes necessary for the rolls to slip slightly when a certain tension is reached. This tension can be set by the user.





ROBA slip-on joints

Working principle

Slip joints are used as overload protection for machines with chains, gears and pulleys as well as for expensive and sensitive motors, gearboxes or machine parts. When the overload occurs, the drive element slips and the rotational force is limited.

These joints are used for different machines in different industries: packaging machines, conveyor systems and equipment, construction machines, textile machines, agricultural machines, mechanical equipment, animal feeding equipment, loading systems, machines for the chemical industry and in machines and equipment in general industrial engineering.





Swiveljoints

Working principle

Swivel joints are the basic elements in movable pipe systems and make it possible to move pipe systems by 360° in one or more horizontal and vertical planes. The low torque of the swivel joints allows controlled three-dimensional movements.

Swivel joints have a wide range of applications in all industries.

Swivel joints have a wide range of applications in all industries. They are used for various media:

- Liquids
- Gases
- Powders
- Granules



CM Engineering

Short presentation



ENGINEERING MATTERS...
ENGINEERING SOLUTIONS !



Short presentation

CM Engineering takes care of all your constructions, repairs, ranging from gears and other machine parts to racks, stairs, sumps, etc....

Made-to-measure metalwork as an answer to your question.
Based on our study or on a delivered design!

- Turning and milling work
- Metal construction
- Subcontracting
- Machine building
- Maintenance of labelling machines SRD with sorting station





Machine building



Metal construction



Subcontracting



Turning and milling work

Leenstra

Short presentation



SAFETY FIRST !



BEZOEK ONZE WEBSHOP

Short presentation

Niebling by Leenstra

Safety first!



Safety first!

www.leenstra-art.be

Safety first! That is our motto... We are active in the area of We are active in the field of hygiene material and have more than 3500 articles in our range, detectable and non-detectable. Because of these hygiene materials, we also specialised in the production of shadow boards to hang these articles on boards to hang these articles from. We have also applied the expertise we have gained to the design of technical shadow boards. We have also applied the expertise we gained to designing technical shadow boards for hanging tools, electronic components, etc. We work together with some large companies that have become important clients of ours, especially in the food industry, but also in the textile sector, etc.

Our extensive range of detectable and non-detectable hygiene material is HACCP-, BRC-, IFS- and FDA-certified and available in up to 12 different colours for better organisation.

Visit our webshop! -> www.leenstra-art.be



Suspension systems and shadow boards Leenstra

Made-to-measure shadowboards for hanging up all your hygiene materials, but also for hanging tools, electronic components, etc. In addition, we can also realise your signs.

Our designs provide a personal look, your logo, your department, your mascot, a motivating slogan, in the colours, dimensions and finish you desire... Everything is possible!

Our employees design with passion and your employees will enjoy organising their material in this way!

Bristle rollers

The tailor-made solution for various sectors:

- Food industry: Bristle rollers can be used for cleaning or peeling food products such as vegetables, fruit, potatoes, etc.
- Foil and plastic: For plastic films, the brush roller ensures efficient and gentle smoothing of wrinkles in the foil films down to the smallest corners.
- Paper: Also for paper webs, the brush roll is an excellent way to flatten and stabilise the fabric.
- Textiles: Thanks to the flexible bristles, the brush roller ensures optimum adaptation to the textile.
- General: Cleaning of conveyor belts in all sectors.





Some of our offers

Industrial Bristle Rollers

Always custom-made, and for all sectors. Food companies, HACCP, BRC, IFS, FDA approved, detectable or not. Industry, different qualities of shafts and hair. We measure everything for you and design a technical drawing according to your wishes.

Industrial Shadowboards

A shadow board helps to give frequently used or valuable objects a place, so you can easily create order and tidiness. No more lost objects!

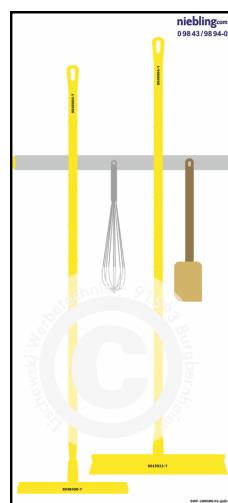
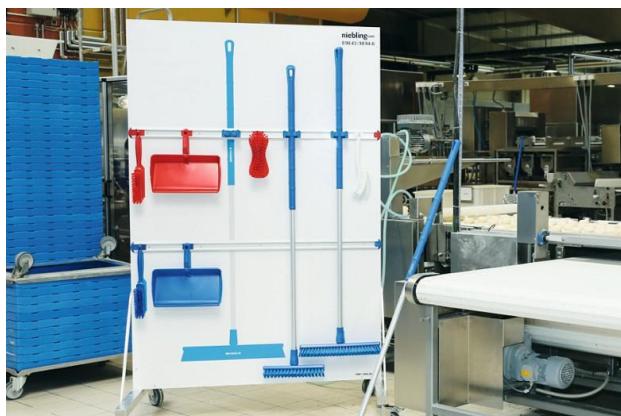
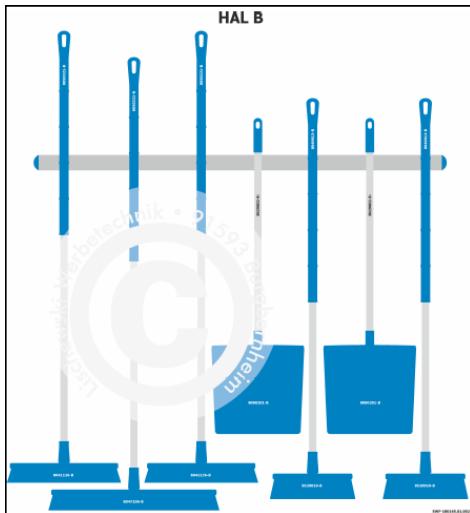
Standard Hygiene Shadowboards

A custom-made suspension system for hygiene equipment. Keep material in the same space by using. You can also print a serial number in the shadow in case something needs to be ordered.

Signalisation boards

In addition to our standard and industrial shadow boards, we can also realise your sign boards, fully customised and according to your preference of colour, size and finish.

Shadowboards





Detectable hygiene material

Our product range is available in up to 12 colours.

This facilitates the exact allocation of once cleaning tool to a particular stage of production, thus avoiding possible

Cross-contamination is prevented, which would happen if they were used "outside their colour". We supply this material in metal detectable and x-ray version.

Non-Detectable Hygiene Material

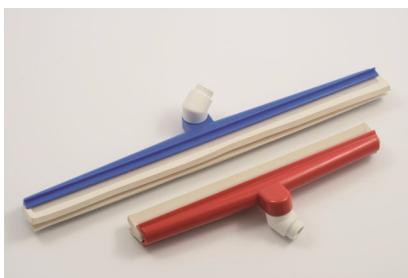
Detect or not detect? The choice is yours... All materials are HACCP, BRC, IFC & FDA approved.

ESD conductive, antistatic tools

Conductive cleaning equipment and tools to prevent sparks - more safety for your employees and products.

PBM

We now also have an extensive range of Personal Protection Equipment, ranging from boots and shoes to head and hand and knee protection. Feel free to contact us with your questions!







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