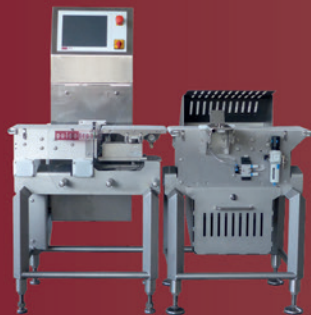


PRODUCTINSPECTION



Metaldetectors
Optical Inspection Systems
Checkweighers
Software



p-u-l-s-o-t-r-o-n-i-c

ANLAGENTECHNIK



Pulsotronic-Anlagentechnik GmbH has its registered offices in the Chemnitz-Zwickau business area of Niederdorf/Stollberg. Because of the permanent, positive development of the business, a new complex of buildings was erected in 2007 directly on the A72. The structural facts, latest production equipment and a motivated work force permit a top-flight degree of innovation and flexibility.

Pulsotronic develops, produces and sells metal detectors, separators and custom equipment based on many years of experience in the plastics and recycling industry. Further innovative products were successfully introduced in the food industry and in other branches of industry.

Our products distinguish themselves through their high reliability, sensitivity and user-friendliness. A team of engineers permanently works on improvements and customer-specific solutions. The development and production of all the products and custom systems occurs completely at the site in Niederdorf. Thus, it is possible for us to try out new processes and principles and to put them into practice as quickly as possible. In addition, we utilize the synergies of our Group of Companies. We are able to access all the areas quickly, thereby ensuring our flexibility, regardless of whether this involves our high efficient toolmaker's shop, plastic transfer molding, electronic fabrication or EMC laboratory.

Quality assurance and environmental protection are central components of Management. Pulsotronic-Anlagentechnik has been ISO 9001-2015 -Quality Management System- and ISO 14001-2015 -Environmental Management System- certified. The company has been certified according to DIN ISO 50001:2011 energy management system in 2016. Pulsotronic-Anlagentechnik to supported all aspects of the „ZVEI-Code of Conduct for social responsibility“.

Are you unable to find the product you require in the brochure?

Do you require a custom solution?

Do you have any questions or suggestions?

Our sales engineers are happy to advise you on site.



Performance Overview

Extensive technical knowledge and outstanding on-site service belong to the basic prerequisites for a successful machinery and systems business. We would be pleased to tackle your tasks, while remaining loyal to our motto:

„Pulsotronic - complex solution from one source“

PRODUCTINSPECTION



- Metaldetectors
- Optical Inspection system
- Checkweighers
- Software

END-OF-LINE-AUTOMATION



- Converger
- Inspection
- Packaging
- Complete lines
- Special solutions
- Conveyors

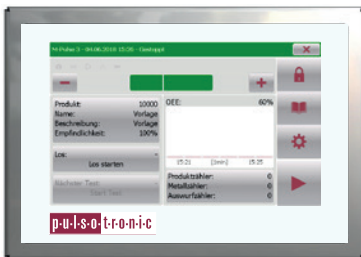
METALDETECTORS

Auswertelektroniken

Wir bieten ein breites Sortiment an Auswertelektroniken, welche speziell auf unser Sensoren abgestimmt sind. Dadurch wird eine maximale Empfindlichkeit und Zuverlässigkeit erreicht. Alle Elektronikern besitzen eine sehr gute Ausstattung und können bei Bedarf erweitert werden.

M-Pulse3

M-Pulse3



- four-quadrant technology / Multiscan technology
- touch screen / graphical display 7" / detached
- high-precision product effect offsetting
- unlimited product memory spaces
- Network / Ethernet / USB / Remote control/Support
- comprehensive support for peripherals

M-Pulse2

M-Pulse2



- four-quadrant technology / multi-frequency technology
- touch screen / graphical display 5,7" / detached
- high-precision product effect offsetting
- unlimited product memory spaces
- Network / Ethernet / USB / Remote control/Support
- comprehensive support for peripherals

Digital2

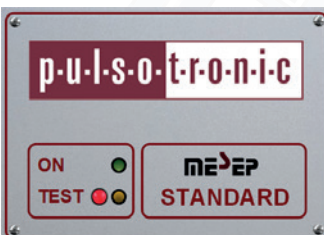
Digital2



- primarily intended for use with bulk materials detectors
- high-precision product effect offsetting
- six product memory spaces
- easily operation by 3.5" TFT

MESEP

MESEP



- intended for use with bulk materials detectors
- easy operation

METALDETECTORS - TUNNEL

for Conveyor, Chutes und Foils / Roll goods

Komplettgeräte BD + HQ

M-Pulse2

M-Pulse3

IP65

IP69k

Ethernet



- hygienic design
- highest sensitivity
- customized special model
- many options available
- fulfills all the requirements according to HACCP / IFS
- link chain or polyurethane belt (PU)

BD - Series

M-Pulse2

M-Pulse3

IP65

IP69k

Ethernet



- high level of detection since the magnetic field surrounds the products
- optionally available in multi-frequency technology
- stainless steel housing with long-time stable and water-tight encapsulation
- available in various detector sizes, adapted for the product
- fulfills all the requirements according to HACCP / IFS
- hygienic design
- Many sizes available

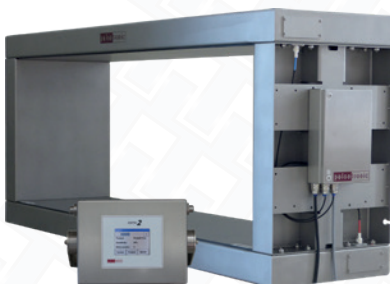
TU - Series

Digital2

M-Pulse2

IP54

Ethernet



- deidable stainless steel housing
- available in various detector sizes, adapted for the product
- easy integration into existing systems

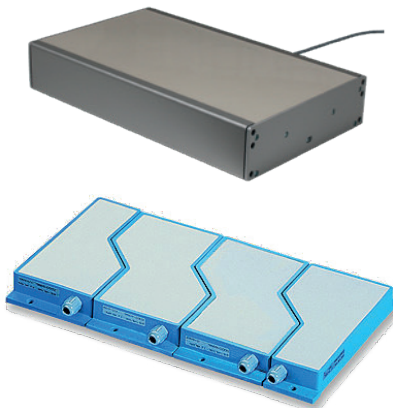
METALDETECTORS - FLAT SENSORS

for Conveyor, Chutes und Foils / Roll goods

SP / AR - Series

IP54

MESEP



- easily integrated in conveyor belts, since it can be installed flush
- long-term stable, fully encapsulated in extremely stable metal housing
- belt stop or reverse motion operation available using reversing contactor circuitry
- external control electronics with RESET/START-STOP button
- standard detection widths to 1,200 mm
- no metal-free zones necessary

FS - Series

FS HMI

IP65

Ethernet



- especially for sorting tasks in the recycling industry
- integrated controller for discharge elements (blast pipe or pushers)
- can be controlled via optional operating unit, SPC or PC
- available in models with various resolutions and widths
- standard detection widths to 2,000 mm (alignable sensors for bigger total widths on inquiry)
- no metal-free zones necessary

FL - Series

Digital2

M-Pulse2

IP54

Ethernet



- flat pick-up coil for mounting under a belt conveyor or chute
- available in various sensor widths, adapted to the product
- stainless steel housing with long-time stable and water-tight encapsulation

METALDETECTORS - SEPARATORS

for Bulk Material

GF / GFC - Series

Digital2

M-Pulse2

IP65

Ethernet



- open, easily accessible precious metal rack, also available in compact styles
- device-specific material throughput of up to 200,000 l/h
- optionally with special wear-resistant ejection unit
- product-touching parts made of stainless steel/POM

VA - Series

MESEP

Digital2

M-Pulse2

HT 200°C

IP54

Ethernet



- extremely sturdy and compact stainless steel housing
- device-specific material throughput from 14,000 l/h of up to 40,000 l/h
- stainless steel ejection unit
- optionally with wear-resistant product pipe
- optionally high-temperature application

Y - Series

Digital2

M-Pulse2

HT 200°C

IP54

Ethernet



- extremely effective, quick-reacting pneumatic outward transfer system
- separates metal also from slow back-pressure material columns
- device-specific material throughput of up to 5,400 l/h
- extremely flat mounting height
- optionally high-temperature application

METALDETECTORS - SEPARATORS

for Bulk Material

Compact Series

Digital2

M-Pulse2

IP54

HT 200°C

Ethernet



- ultra-compact design
- maintenance-free separation system only for bulk materials
- device-specific up to 5,400 l/h material throughput
- compressed-air ejection
- optionally high-temperature application

SE - Series

Digital2

M-Pulse2

MESEP

IP54



- extremely sturdy and compact aluminium housing
- device-specific material throughput of up to 14,000 l/h
- extremely quick-responding ejection unit made of stainless steel

Extraktor Series

MESEP

Digital2

M-Pulse2

IP54

IP65

Ethernet



- unique ejection system for integration in suction conveyor – the pipe system
- remains closed during the ejection of metal impurity!
- easily integrated into the suction conveyor line with hose connection
- adjustment-free separating, irrespective of material speed
- device-specific material throughput of up to 3,300 l/h
- optionally in wear-resistant model

METALDETECTORS - SEPARATORS

for Bulk Material or similar

GFS - Series

Digital2

M-Pulse2

IP65

Ethernet



- compact design
- sensitivity for ferrous metals and non-ferrous metals from 0,6 mm
- calibration free
- various sizes and types available
- designed for installation in flow wrapping machines
- powerful electronic with product effect offsetting
- protection class IP65
- connection via Ethernet

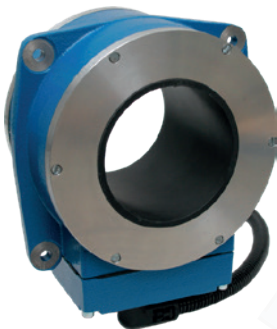
RG - Series

Digital2

M-Pulse2

IP54

Ethernet

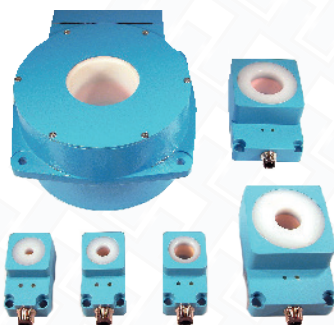


- compact design
- diameter 20 .. 100 mm
- sensitivity for ferrous and nonferrous metals up to 0,2 mm
- calibration free
- powerful electronic with product effect offsetting

KJR - Series

MESEP

IP54



- wide delivery range, ring diameters from 6 mm to 300 mm
- plastic or metal housing
- integrated evaluation electronics with signal exit

METALDETECTORS

for pipes and filling machines

Inline Series

M-Pulse2

M-Pulse3

IP69k

Ethernet



- easily integrated in pipeworks
- with flexible or rigid, high pressure-resistant pipe connection adapters
- various separating valves available (butterfly, arc valve)
- with CIP (Clean-In-Process) function

Inflex Series

M-Pulse2

M-Pulse3

IP69k

Ethernet



- Available for all usual machines (e.g. Vemag, Handtmann, Frey, Risco, Rex)
- simple integration adapters for the most common sausage filler models
- optional ejection valves / wring-off
- easy dismantling for cleaning
- with CIP (Clean-In-Process) function
- ejection monitoring

CHECKWEIGHER / OPTICAL INSPECTION for Conveyors

Checkweigher CW3

CW3

IP65

Ethernet



- easy operation & clear visualisation
- calibratable / calibrated available
- HACCP, IFS-compliant logging
- simple to integrate into existing systems
- option to integrate calibration-free metal detector
- custom platform sizes, weighing zone and conveyor speeds für all applications
- all components made from stainless steel
- hygiene concept

Kombichecker KCW3

M-Pulse2

M-Pulse3

CW3

IP65

Ethernet



- customer styled combination of metal detector and checkweigher

Optische Inspektion OI2

IP54

Ethernet



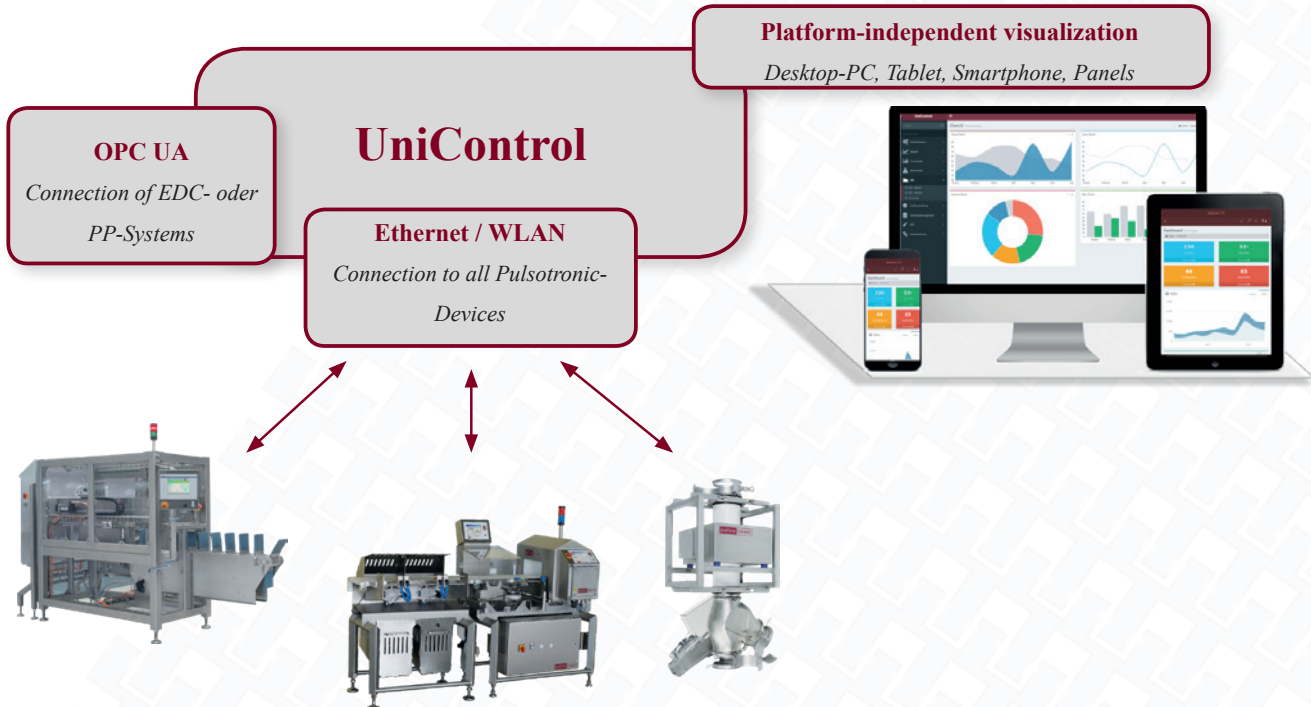
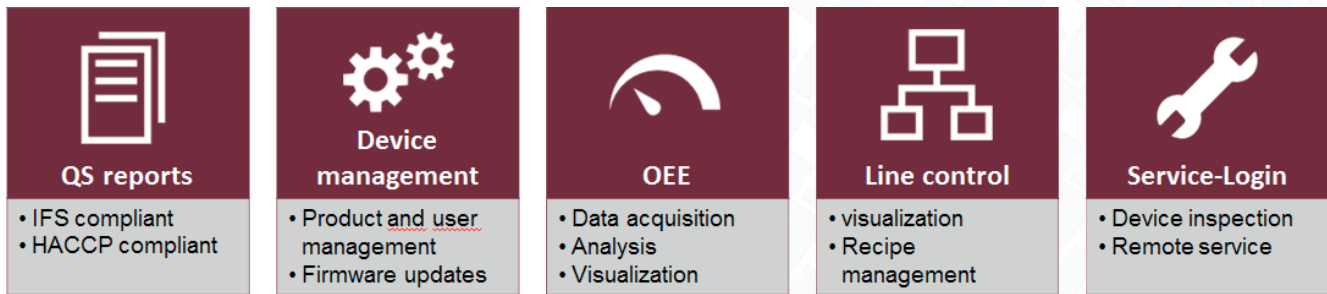
- universal optical testing system
- suitable for rigid and flexible film packaging
- packaging inspected on both sides (label, MHD, EAN, seal seam)
- HACCP, IFS-compliant logging
- simple to integrate into existing systems

SOFTWARE

for M-Pulse2 / M-Pulse3 / CW2 / CW3

Zentrale Vernetzungslösung „UniControl“

- central data capture and analysis
- any number of users (multi-user system)
- data stored in an SQL server database
- connection to BDE or PP systems
- Webbased user interface
- Suitable for Windows, IOS, Android or Linux (user interface)





Converger PV-Series

Servo

PLC

OPCUA



- compact - efficient - universal
- well suited for all thermoforming machines
- machine interface OPCUA
- different models available
- up to 17 cycles/minute

Packaging Machine PM-Series

Servo

PLC

OPCUA



- secondary packaging machine for trays and thermoformed packs
- semi automated machines for simple application up to fully automated solutions available
- up to 160 products/minute
- enormous rationalization potential with short ROI

Conveyor HQ-Series

IP65

IP69k



- all sizes and lengths with PU- or link chain belt available
- equipped with controlled and energy-efficient drives
- special solutions with numerous options and accessories
- elevating conveyors / curved belts / tilting belts and much more
- made from stainless steel

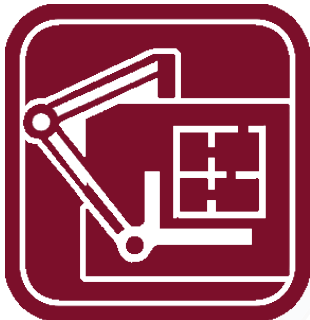


Service



- free telephone hotline
- broad network of distributors for on-site service
- VPN-Connection
- updates for soft- and firmware available
- annual testing service according HACCP / IFS
- large spare part inventory

Advice & Service

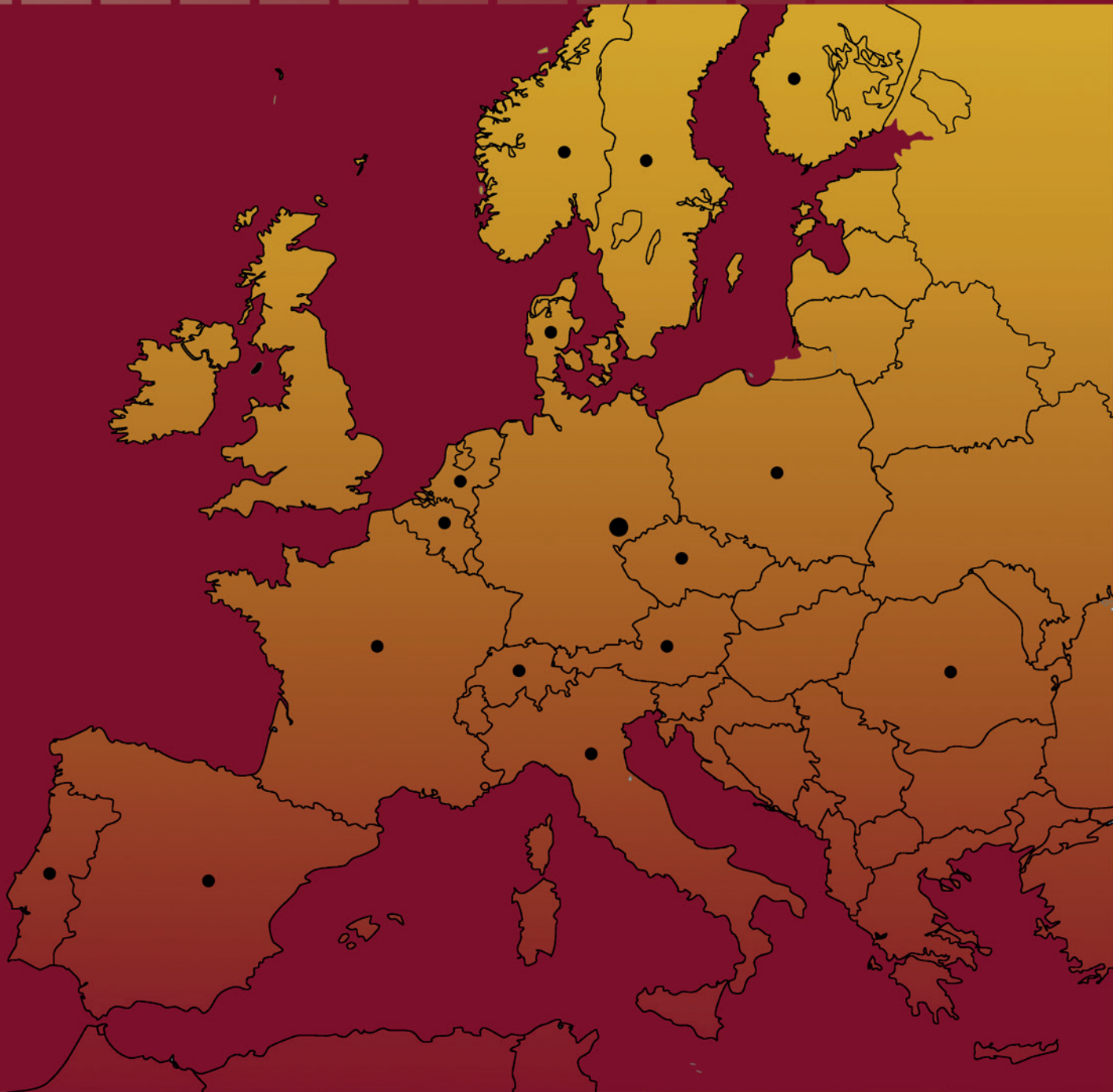


- expert advice - by telephone and on-site
- design and construction of customer's design and 3D-models
- loan units and devices for demonstration
- product tests

DISTRIBUTORS

Europe

Country	Contact		Food	Non-Food
Italy	Calamit S.r.l.	www.calamit.com info@calamit.it	+39 02 253 91 445	x
	Tritecnica SpA	www.tritecnica.it g.pasquazzo@tritecnica.it	+39 02 541 941	x
	FLAM s.r.l.	www.flam-bz.it office@flam-bz.com	+39 04 718 84 147	x
Danmark	Check-Line ApS	www.check-line.dk ajo@check-line.dk	+45 93 946 240	x
Netherland Belgium	Ultrapak BV	www.ultrapak.nl info@ultrapak.nl	+31 88 331 03 31	x
Poland	Primeris Robert Zdral	www.primeris.pl	+48 22 403 94 71	x
Spain	Calamit España S.I.	www.calamit.es info@calamit.es	+34 93 226 73 36	x
Portugal	ECIA-Consultoria e Equipamentos para	www.ecia.pt depcomercial@ecia.pt	+35 12 232 49 941	x
France	MAT SARL	www.mat-technologic.com	+33 47 476 72 87	x
	Verco France	www.verco.fr	+33 47 284 41 05	x
Belgium	Verco Belgium	www.verco.be	+32 10 413 73 4	x
Sweden Finland	Oy Mesmec Ab	www.mesmec.fi info@mesmec.fi	+35 82 072 80 680	x
Norway	MPack AS	www.mpack.no post@mpack.no	+47 62 356 66 6	x
Switzerland	Ingenieurbureau Dr. Brehm AG	www.brehm.ch info@brehm.ch	+41 41 790 41 64	x
Austria	Kandolf Digi Austria GmbH	www.digiaustria.at office@kandolf.at	+43 73 266 72 84	x
	magnet.works	www.magnetnetworks.at office@magnetnetworks.at	+43 73 277 87 80	x
Romania	Pentapac SRL	www.pentapac.ro office@pentapac.ro	+40 02 152 80 118	x
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Revision: 1901eng



ISO 14001:2015 / ISO 9001:2015

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