HOLLAND AT CERN

3-5 June 1986

The exhibition 'HOLLAND at CERN' is organized by the
Association of the Mechanical and Electrical Engineering Industries 'FME'
P.O. Box 190, 2700 AD ZOETERMEER
tel. +31 79 5311100

in co-operation with
Dutch Scientific
P.O. Box 258, 7550 AG HENGELO
tel. +31 74 451234

under the auspices of the Netherlands Foreign Trade Agency. Specialists will be available during the exposition. Presentations will be given. See CERN bulletin for details.

ELECTRIC POWER AND POWER-ELECTRONICS

HOLEC

Mailing address: P.O. Box 258, 7550 AG HENGELO
Contact (technical): J. Lisser
Telex number: 44059 nl

- AC and DC generators and motors
- variable speed drives
- high precision wide band AC/DC measuring devices
- high precision magnet power supplies
- magnets and magnetic lenses with normal or superconductive windings
- switchgear ranging from 2 kV DC to 400 kV AC
- rotary no-break power supply systems

HOLLANDSE SIGNAAL APPARATEN
(Subs of Philips)
Mailing address: P.O. Box 16060, 2500 AB THE HAGUE
Contact (technical): G. Seppenwoolde
Telex number: 31164 nl

Specialists in custom built advanced electronic systems.

Some examples
- electronic power converters
- command and control information systems
- data storage systems
- inductive components.

PHILIPS

PHILIPS EXPORT
Mailing address: P.O. Box 218, 5600 MD EINDHOVEN
Contact (technical): R. van Veijfeijken
Telex number: 35000 nl

- test and measuring equipment
- process control systems
- power supply systems
- cryogenics
- electronic components.

SMIT NYMEGEN

Mailing address: P.O. Box 9107, 6500 HJ NIJMEGEN
Contact (technical): G. J. Hulsink
Telex number: 48156 nl

- power transformers for electricity supply and for converters
- inductors for current limiting and for smoothing
- magnets normal as well as superconductive for NMR for high gradient magnetic separation for testing superconductors and for beam handling
- special cores and windings for magnetic plasma confinement experiments.

HEAVY MECHANICAL COMPONENTS

DAF Special Products B.V.

DAF SPECIAL PRODUCTS
Mailing address: P.O. Box 14, 5600 AA EINDHOVEN
Contact (technical): H. H. van den Broek
Telex number: 51970 nl

DAF special products in an independent project division of DAF trucks, active in industrial markets concentrating on aviation and defence land systems.
Some technologies
• aerodynamics
• dynamics
• mechanical transmission
• welding
• ergonomics

bv Koninklijke Maatschappij „de Schelde”

ROYAL SHELDE
Mailing address: P.O. Box 16, 4380 AA VLIISSINGEN
Contact (technical): J. E. Meijers
Telex number: 37815 nl

• components and subsystems for nuclear reactors and uranium enrichment plants
• heat exchangers: heat exchanger test loops
• special components for large experiments such as MHD channels, precision bellows and expansion joints vacuum vessels for Tokamaks
• products for power plants and process industry.

STORK BOILERS
Mailing address: P.O. Box 20, 7550 GB HENGELO
Contact (technical): R. Overbeek Bloem
Telex number: 44324 nl

• boilers for special applications
• high pressure piping
• combustion equipment
• de-aerators, heaters condensors

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• combustion equipment
• de-aerators, heaters condensors

NEDERLANDSE IJZERCONSTRUCTIEWERKPLAATSEN
Mailing address: P.O. Box 7, 8150 AA LEMELERVELD
Contact (technical): P. Koetsier
Telex number: 49658 nl

Specialized in design and production of large steel structures applied in:
• radar (tower)
• power stations (building)
• laboratories

POLACEL B.V./
POLACEL PROJECTEN B.V.
Mailing address:
P.O. Box 296, 7000 AG DOETINCHEN
Tel.: +31 834033034
Contact (technical): T. J. Sloof
Telex: 45946 pola nl

Production line:
• Cooling towers
• Zerocoolers
• Closed circuit evaporative coolers
• Scrubbers
• Biological watertreatment
• Ventilators
• Filling materials
• Special projects stainless steel and glassfibre reinforced polyester
• Updating, upgrading and revision of existing equipment.

Products exhibited:
• Filling materials
• Photographs
• Demonstration Computer Aided Coolingtower Selection
• Sample parts of cooling towers.

BAYARDS
Mailing address: P.O. Box 9, 2957 ZG NIEUW-LEKKERLAND
Contact (technical): D. de Kluyver
Telex number: 24206 nl

Specialists in heavy and complicated welded aluminium constructions.

BOESSENKOOL/BRUMMER
Mailing address: Turfkade 13, 7602 PA ALMELO
Contact (technical): J. Flierman
Telex number: 44405 nl

Specialists in design and production of custom made containers and structures for storage and handling of components and parts of it.

BRANDT FJNMECHANISCHE INDUSTRIE
H. J. E. Wencbeckweg 117 – 1096 AM AMSTERDAM
Tel. +31 20681281
Telex: 13376 bfi nl
Telefax: +31 20928354

Services:
• Precision machining: – prototypes
  – small series
• Surface grinding
• Cylindrical grinding
• 3 D-milling (computer controlled)
• Approved AQAP-4

Products Exhibited
• Sample parts of precision machining
• Photographs
COLPITT
Mailing address: P.O. Box 162, 2040 AD ZANVOORT
Contact (technical): H. Slagman
Telex number: 41099
Specialised in automatic equipment for radio frequency
and microwave heating.
  • RF generators and power amplifiers
  • pneumatic and hydraulic welding presses
  • automatic HF welding lines.

FDO
FDO - TECHNICAL CONSULTANTS
Mailing address: P.O. Box 379, 1000 AJ AMSTERDAM
Contact (technical): C. B. W. Kerkdijk
Telex number: 16107 nl
Specialism
  • energy technology
  • design and production technology
  • technical services.

FEENSTRA
FEENSTRA'S TECHNISCHE INDUSTRIE
DALFSEN
Mailing address: P.O. Box 51, 7720 AB DALFSEN
Contact (technical): K. W. Landman, B. de Vries
Telex number: 42581 nl
  • high-tech sheet steel work, components and welded
    alloyed steel structures
  • special tools and apparatus for windtunnels
  • high precision sheet steel components (e.g. for LEP)

GENIUS
GENIUS KLINKENBERG
Mailing address: P.O. Box 49, 1520 AA WORMERVEER
Contact (technical): J. G. A. Klamer
Telex number: 19162 nl
  • equipment for the aerospace industry
  • pressure vessels for (petro) chemical industry
  • extruders
  • high precision steel structures (wave telescope).

HOLVRIEKA
HOLVRIEKA IDO
Mailing address: P.O. Box 44, 7800 AA EMMEN
Contact (technical): A. J. Teunissen
Telex number: 30068 nl
  • columns, washing towers
  • heat exchangers, condensers
  • pressure containers.

STORK PALTREN
STORK PALTRAN
Mailing address: P.O. Box 50, 8470 AA WOLVEGA
Contact (technical): J. Petter
Telex number: 46449 nl
Manufacturers of custom made sheet metal works and
custom made mechanical equipment.

STORK SERVICES
STORK SERVICES
Mailing address: P.O. Box 2013, 7550 CA HENGELO
Contact (technical): J. Odijk
Telex number: 72282 nl
  • gascompressors and -turbines
  • subcontractor for all kind of machining operations.

TNO
TNO INSTITUTE OF APPLIED PHYSICS TRD
Mailing address:
TNO INSTITUTE OF APPLIED PHYSICS
P.O. Box 155, 2600 AD DELFT
Telex: 38091 TPDNL
Tel.: +31 15788020
Fields of activity:
  • instrumentation: sensors and systems, computer
    applications, electronics
  • optics: optical systems, instruments and sensors,
    laser applications
  • heat technology: energy saving, solar energy, heat
    storage, building physics
  • materials research: technology of glass/ceramics,
    analysis of crystalline materials
  • acoustics: noise control in and around buildings,
    industries, machinery, in traffic and on board ships

METAALGIETERIJ
Vostermans b.v.
METAALGIETERIJ VOSTERMANS
Mailing address: Jachthavenweg 5, 5928 NT
VENLO-BLERICK
Contact (technical): J. Janssen
Telex number: 58363 nl
  • castings of aluminium alloys
  • pattern making for the polyester industry
  • auxiliary tools and moulds for the packaging industry.

OOSTENDORP
OOSTENDORP APPARATENBOUW
Mailing address: P.O. Box 62, 4000 AB TIEL
Contact (technical): J. E. van den Boom
Telex number: 40165 nl
Specialized in design and production of high-tech
constructions high grade steel alloys.
  • Some examples: supports for beam handling magnets,
    pressure vessels.
**INSTRUMENTATION ELECTRICAL AND MECHANICAL**

**DELTA ELEKTRONICA B.V.**
Mailing address: P.O. Box 27, 4300 AA ZIERIKZEE
Tel.: ++31 11103656
Contact (technical): C. J. Koopman
Telex: 55349 delek nl

**Production line:**
- Switched mode power supplies
- Switched mode laboratory power supplies
- Switched mode triple power supplies
- High efficiency linear power supplies
- Linear laboratory power supplies
- Linear modular power supplies
- Linear Eurocard power supplies
- Constant current sources
- Overvoltage protectors
- DC-DC converters
- Bus power supply controllers (IEC 625)

**Products Exhibited:**
- Regulated power supplies.

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**BRONKHORST HIGH - TECH B.V.**
Mailing address: P.O. Box 101, 7250 AC VORDEN
Tel.: ++31 57352929 (Contact: T. Bruggeman)
Telex: 49066 hitek nl

**Production line:**
- Mass flow meters/Controllers for gasses (0.1 mL/min – 1000 mL/min)
- Mass flow meters/Controllers for liquids (0.05 mL/h – 20 L/h)
- Industrial mass flow meters for high gas flows
- Pressure transducers/Controllers for gasses and liquids
- Associated electronic readout systems

**Products exhibited:**
- Samples of above mentioned products.

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**EBM TECHNIEK**
Mailing address: P.O. Box 13, 3925 ZG SCHERPENZEEL
Contact (technical): H. T. van Gemert
Telex number: 79150 nl

The company is specialized in mechanical engineering and industrial automation.

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**ENRAF - NONIUS**
Mailing address: P.O. Box 483, 2600 AL DELFT
Contact (technical): A. Vermeij
Telex number: 38083 nl

Enraf-Nonius is a high technology company specialising in instrumentation for the medical, laboratory and industrial fields.

**Some products:**
- single crystal and powder cameras
- recorders and modems
- pyranometers and solar integrators
- printed circuit boards, production and assembly.

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**FIJN MECHANISCH INDUSTRIE ‘BERGEN OP ZOOM’**
Mailing address: P.O. Box 124, 4600 AC BERGEN OP ZOOM
Contact (technical): W. C. Karman
Telex number: 78310 nl

Specialists in production of precision components and tools for amongst others the aerospace laboratories.

**Some products:**
- precision mechanical instruments
- precision assembly works
- custom made sheet metal work
- dies moulds, fixtures and checking tools

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**MACHINENBRIEF MOGEMA ’T HARDE**
Mailing address: P.O. Box 34, 8084 ZG ‘T HARDE
Contact (technical): J. J. Pinkster, A. Visser
Telex number: 42945 nl

Specialists in high precision turning, milling, drilling and boring. Subcontractor for precision metal work.

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**MACHINENBRIEF WILA B.V.**
Mailing address: P.O. Box 60, 7240 AB LOCHEM
Contact (technical): A. Enderink, C. B. Wansleeben
Telex number: 49326 wila nl

- slideways
- pressbrake tooling
- pressbrake accessories
- remachining of bending and cutting tools
- spark erosion
**INCAA COMPUTERS**

Mailing address: P.O. Box 211, 7300 AE APELDOORN
Contact (technical): G. Endendijk
Telex number: 49623 nl

A company that is specialized in the design and manufacturing of micro computer systems to customer specification. Standard products:
- **capro** – 68 k CAMAC computer
- CAMAC modules
- euro-card systems
- datacommunication protocol converters

**PRINT SERVICE B.V.**

Mailing address: P.O. Box 34 – 6100 AA ECHT
Tel.: ++31 47549333
Contact (technical): A. de Haan
Telex: 36864 print nl
Telefax: ++31 47549193

Production line:
- Multilayers (Up to 30 layers)
- P.T.H. Boards (fineline and SMT)
- Flex-Rigid Multilayers (Up to 20 layers and 16 satellites)
- Heat sink P.C. Boards
- Press-Fit backpanels
- B.T., B.S. and MIL approved
- CAD and Photoplot service

**NON METALLIC COMPONENTS**

**ASKOVÉ KUNSTSTOF INDUSTRIE bv**

Mailing address: P.O. Box 10, 5473 ZG HEESWIJK
Contact (technical): L. Gordijn
Telex number: 74679 nl

Specialist in design and production of high-tech products in plastics. A wide experience is available in welding, forming, glueing, machining and laminating of thermo-plastics.

**MEKUFAB V**

Mailing address: P.O. Box 7, 7680 AA VROOMSHOOP
Contact (technical): G. M. Hertsenberg
Telex number: 36561 nl

Specialist in working-up and processing of high-grade thermo-setting plastics. Particularly experienced in production of components for HV applications made of epoxy-resins which are being sold under the registered trade name Kufailit.
Edwards offers you unequalled choice in vacuum measurement and control. In depth . . . from dial gauges to microprocessor based control systems. With each line offering a family of models to meet your needs precisely. With unique features derived from today's and tomorrow's technology.

The range includes:

**Series 500** Just introduced, these simple, low cost analogue instruments cover the range $10^{-7}$ to 1,000 mbar. Continuous reading 230° scale.

**EMV251/EP510** For applications where high accuracy, true pressure and ruggedness are important. Range 1 x 1,000 mbar.

**Series 1000** Microprocessor-based digital gauges and controllers covering $5 \times 10^{-8}$ to 1,000 mbar. Large, clear 13mm display, self-diagnostics, four independent relays.

**Series 2000** Fully programmable controllers give unrivalled process control capability on any vacuum system over the range $10^{-11}$ to 1,000 mbar.