





**VAN HALTEREN**  
METAAL



**LEADING THE WAY**

# VAN HALTEREN GROUP

## FAMILY HOLDING

HAPAM	VAN HALTEREN		
HIGH VOLTAGE DISCONNECTORS	METAAL	DEFENCE	SPECIAL PRODUCTS
 <p><i>“high quality manufacturer serving tier one clients for over 85 years”</i></p> <ul style="list-style-type: none"> <li>• High voltage disconnectors</li> <li>• Earthing switches</li> <li>• Facilities in Holland, Poland and India (45%), Vietnam</li> </ul>	 <p><i>“one-stop-shop”</i></p> <ul style="list-style-type: none"> <li>• Advanced machining</li> <li>• Certified construction work</li> <li>• QA/QC</li> <li>• Assembly</li> <li>• Project management</li> <li>• Engineering</li> </ul>	 <p><i>“supplying state-of-the-art products, systems and services to OEM’s and Governments world wide”</i></p> <ul style="list-style-type: none"> <li>• Road wheels</li> <li>• Simulation &amp; training</li> <li>• Land systems</li> </ul>	 <p><i>“expertise and specialism in Army and Naval applications and services to OEM’s</i></p> <ul style="list-style-type: none"> <li>• AC Systems</li> <li>• Engines</li> <li>• Transmissions</li> <li>• Water chillers</li> </ul>

<p><b>2017</b></p> <p><b>Sales:</b> € 85 mln.</p> <p><b>Geography:</b> The Netherlands, Europe, World</p> <p><b>End-customers:</b> Industrial clients, Defense OEM’s and Governments</p>	<p>400 employees</p> <p>International orientation</p> <p>family owned</p> <p>Independent</p> <p>long term strategy</p>	<p>Locations in Netherlands:</p> <p>Bunschoten</p> <p>Zwolle</p> <p>International: Poland, India, Vietnam</p>
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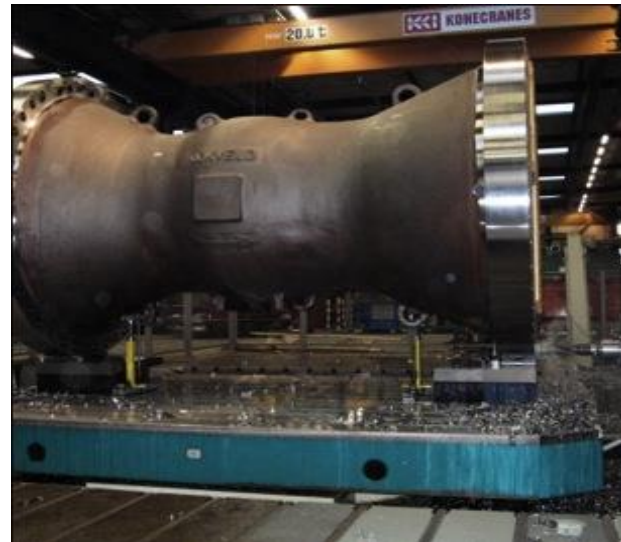
# MARKETS

- Offshore Oil, Gas, Energy, Mining
- Machine Construction
- Big Science projects
- Semi-conductors
- Defense
- Automotive
- Ship Building



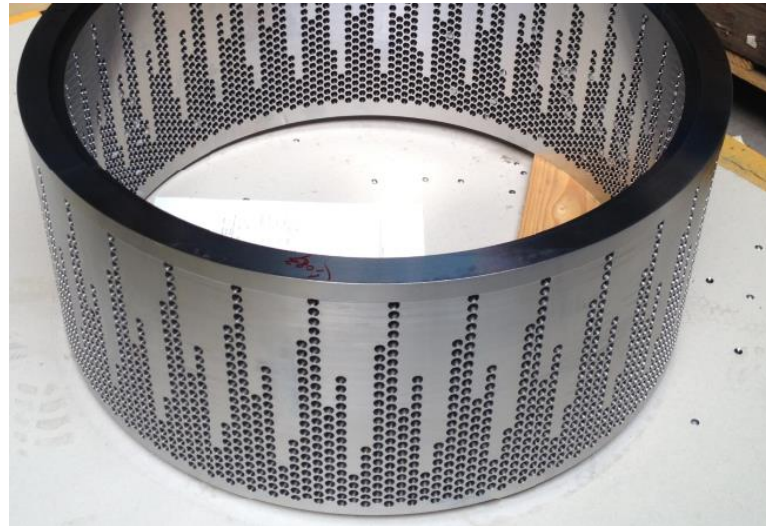
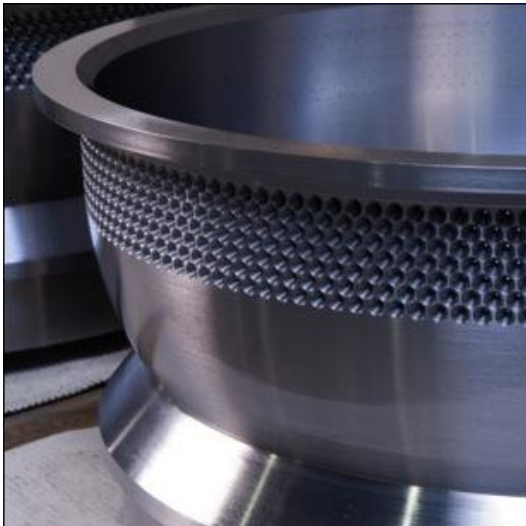
# ADVANCED MACHINING

- Dimensions from 50 mm up to 20.000 x 2.250 x 5.500
- Modern accurate machines
- Hoisting capacity (up to 40 Tonnes)



# CNC TURNING EXPERTS

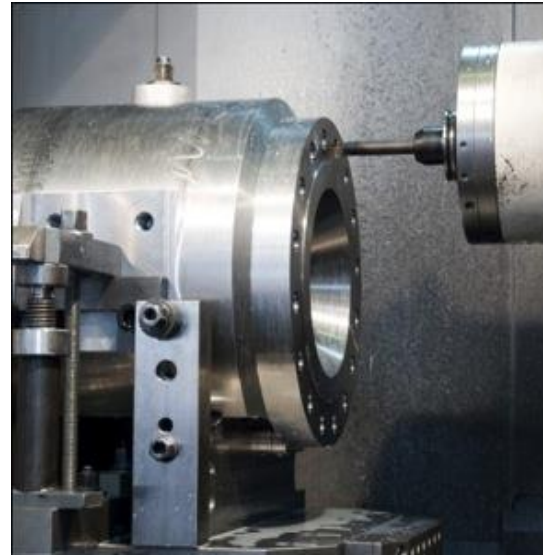
- Horizontal & vertical lathes
- Experience with all kinds of alloys: steel, stainless, aluminium, high alloys
- Off line programming





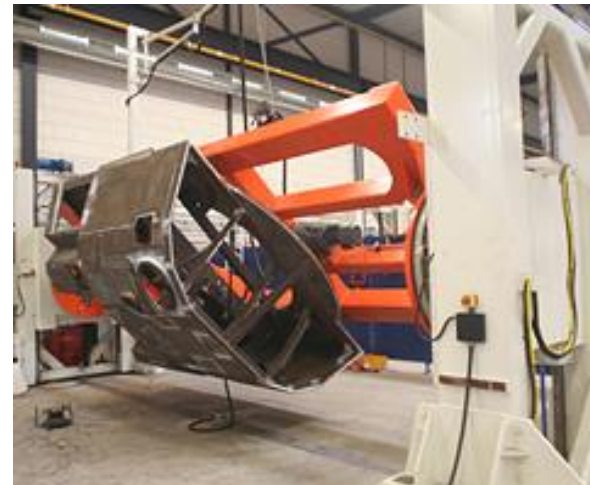
# CNC MULTI-TASKING

- Multi tasking machining centres with pelletizer (small to large)
- Complex 5-axial machine operations
- 24-7 production
- Combined turning & milling operation Integrex I-400



# CERTIFIED WELDING

- IWE (International Welding Engineer)
- MIG/MAG, TIG welding
- Various Qualifications also armoured steel welding
- Welding robot installation. manipulators up to 10 Tonnes.





# SUPPLIER OF SPECIAL TOOLING

- Design and Engineering
- Complete manufacture
- Project management





# QUALITY CONTROL

- Air-conditioned measuring room
- 3D Measuring machines up to 6 meter
- Independent QA/QC team



# QUALITY SYSTEM

ISO 9001:2015 - ISO 14001 - OHSAS 18001 - ISO 3834-2 - EN 1090-2 - DIN 2303 Q3

DNV-GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 192442-2015-AQ-NLD-RVA Initial certification date ISO 9001: 20 September 1993 Valid: 01 August 2016 - 01 August 2019  
Initial certification date AQAP: 05 September 2005

This is to certify that the management system of

**Van Halteren Metaal B.V.**

De Kronkels 27, 3752 LM Bunschoten-Spakenburg, The Netherlands

has been found to conform to the Management System standards:  
**ISO 9001:2015**  
and the quality system requirements of AQAP 2110, Edition 3 - November 2009

This certificate is valid for the following scope:  
**Specification, development and production of (simulation) systems and defence applications, road wheels and (suspension) parts for vehicle systems. The design, production and assembly of machine parts in g for all type of industries. Steel structure components intended for use in construction works.**

Place and date:  
Barendrecht, 14 July 2016



For the issuing office:  
DNV GL - Business Assurance  
Zwakweg 1, 2994 LB, Barendrecht,  
The Netherlands  
Henk de Gooijer  
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACKNOWLEDGEMENT: DNV GL - Business Assurance B.V., P.O. BOX 1, 2994 LB, BARENDRECHT, THE NETHERLANDS. TEL: +31(0)202808900 assurance.dnv-gl.com

DNV-GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 192430-2015-AE-NLD-RVA Initial certification date: 01 August 2016 Valid: 01 August 2016 - 01 August 2019

This is to certify that the management system of

**Van Halteren Metaal B.V.**

De Kronkels 27, 3752 LM Bunschoten Spakenburg, The Netherlands

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is issued on basis of the ISO 14001 certification scheme from SCCM and is valid concerning all activities related to:  
**Specification, development and production of (simulation) systems for civil and defence applications, road wheels and (suspension) parts for vehicle systems. The design, production and assembly of machine parts in general for all type of industries. Steel structure components intended for use in construction works.**

Place and date:  
Barendrecht, 01 August 2016



For the issuing office:  
DNV GL - Business Assurance  
Zwakweg 1, 2994 LB, Barendrecht,  
The Netherlands  
Henk de Gooijer  
Management Representative

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DNV-GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 192430-2015-AHSO-NLD-RVA Initial certification date: 01 August 2016 Valid: 01 August 2016 - 01 August 2019

This is to certify that the management system of

**Van Halteren Metaal B.V.**

De Kronkels 27, 3752 LM Bunschoten Spakenburg, The Netherlands

has been found to conform to the Occupational Health and Safety Management System standard:  
**OHSAS 18001:2007**

This certificate is issued on basis of the OHSAS 18001 certification scheme from SCCM and is valid concerning all activities related to:  
**Specification, development and production of (simulation) systems for civil and defence applications, road wheels and (suspension) parts for vehicle systems. The design, production and assembly of machine parts in general for all type of industries. Steel structure components intended for use in construction works.**

Place and date:  
Barendrecht, 01 August 2016



For the issuing office:  
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## DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 142309-2013-AQ-NLD-DNV

This is to certify that

**Van Halteren Metaal B.V.**

De Kronkels 27, 3750 GA Bunschoten Spakenburg, The Netherlands

has been found to conform to the Management System Standard:

**ISO 3834-2:2005**

This Certificate is valid for the following scope:

**Specification, development and production of (simulation) systems for civil and defence applications, road wheels and (suspension) parts for vehicle systems. The design, production and assembly of machine parts in general for all type of industries. Steel structure components intended for use in construction works.**

For a description of the welding activities see the appendix attached to this certificate.

Initial Certification date:  
16 September 2013

This Certificate is valid until:  
16 September 2016

The audit has been performed under the supervision of:  
R.B.A. van der Meer  
Lead Auditor

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACKNOWLEDGEMENT: DNV NORSE VERITAS CERTIFICATION B.V., Zwakweg 1, 2994 LB, BARENDRECHT, THE NETHERLANDS. TEL: +31(0)202808900 assurance.dnv-gl.com

Place and date:  
Barendrecht, 16 September 2013

For the Accredited Unit:  
DET NORSE VERITAS CERTIFICATION B.V.,  
THE NETHERLANDS

Norvin Alphen  
Management Representative



## DNV BUSINESS ASSURANCE

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

Certificate No. 1162-CPR-0673 Rev. 0.0  
This Certificate consists of 2 pages

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product.

**Structural Components for Steel Structures**

Use: Steel structure components intended for use in construction works  
Execution class: Up to EXC 3 according to EN 1090-2:2009/A1:2011  
Design: Included  
Method of declaration: 3b, according to EN 1000-1:2008/A1:2011, clause ZA.3.5  
Welding processes: 111 and 118 according to EN 1590-2:2009/A1:2011, clause 7.3  
Weld metal: 1.5, 1.2, 1.4, 2.1, 2.2 and 2.1  
Responsible Welding Coordinator: H. H. Bassen (DWE, Certificate No. 22028)

produced by or for

**Van Halteren Metaal B.V.**  
De Kronkels 27, 3750 GA Bunschoten Spakenburg, The Netherlands  
and produced in the manufacturing plant(s)

**Van Halteren Metaal B.V.**  
De Kronkels 27, 3750 GA Bunschoten Spakenburg, The Netherlands

This certificate attests that all provisions concerning the assessment and verification of consistency of performance described in Annex ZA of the standard(s)

**EN 1090-1:2009/A1:2011**

under system 2+ are applied and that

the factory production control fulfils all the prescribed requirements set out above.

This certificate remains valid until the validity and date as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the factory or the plant are not modified significantly.

Initial Certification date:

2013-09-17

Place and date:

Solna, 2013-09-17

This Certificate is valid until:

2017-09-17



for the Notified Body 1162:  
DNV CERTIFICATION AB,  
SWEDEN

The audit has been performed under the supervision of:

Rob van der Meer  
Lead Auditor

Bengt-Olov Andin  
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
The verification has been supervised by the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the factory or the plant are not modified significantly.

DNV CERTIFICATION AB, Box 6046, 171 06 Solna, Sweden. TEL: +46 8 987 90 00 - www.dnv.com/1162/cpr/0673  
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# REFERENCES

CERN – HiLumi Impregnation tooling AISI 316L – 8 meter length

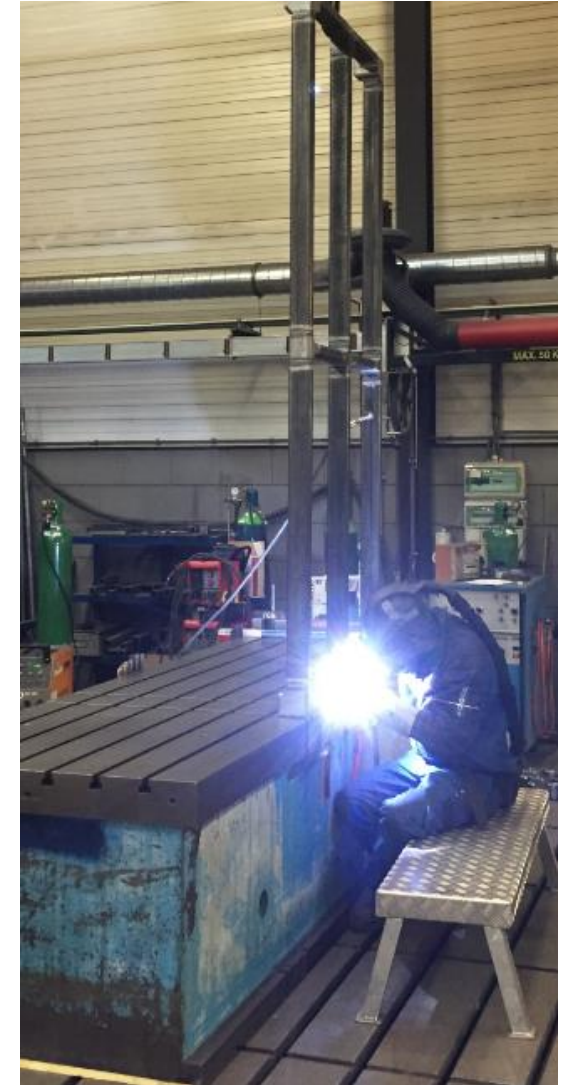




# REFERENCES



CERN – Box  
puls generator

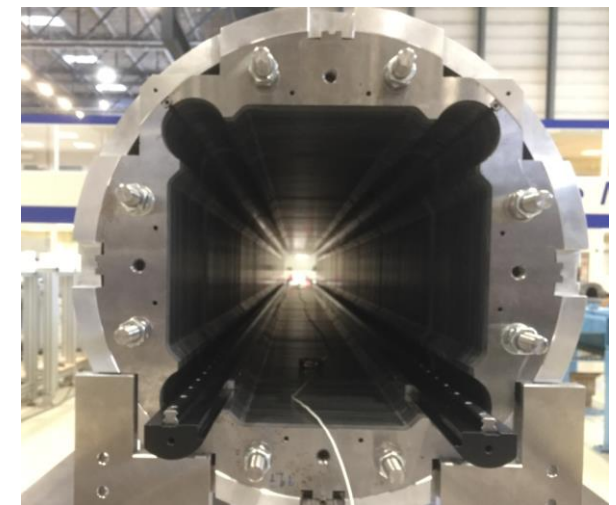
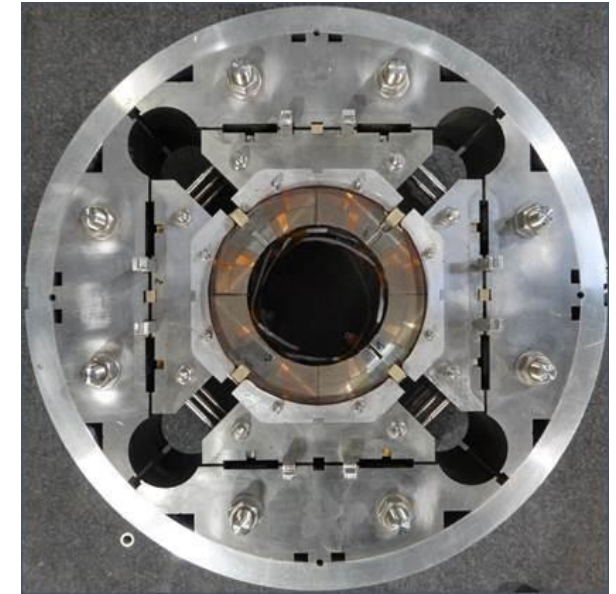


# REFERENCES CERN



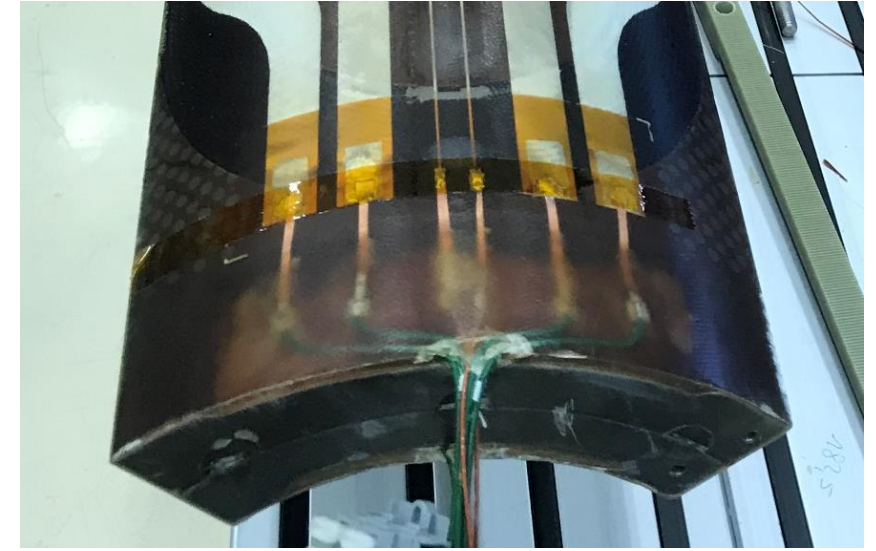


# REFERENCES CERN – LHC MQXFB Magnet





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# State-of-the-Art Machines continuous investments

- 2010 Mazak E-1550
- 2011 Vertical lathe HNK 25/30
- 2012 Mazak Integrex i-400
- 2013 Soraluce FS10000
- 2014 Doosan vertical lathe + robot
- 2015 Rubber removal unit
- 2015 Solar energy on all Facilities
- 2016 Doosan vertical lathe
- 2017 Mazak Integrex i-400 + robot
- 2018 Doosan vertical lathe + robot
- 2019 Replacement investment



## Our Experience with BS

- Many different institutes, mostly big organizations each with own rules
  - make a choice;
- Sometimes difficult to understand tenders / procedures / RFQ's
  - ILO's can help and start with "simple" job
- It takes time to become successful
  - anticipate you need 1-2 years
- Can be high risk
  - understand the technical and commercial requirements



## Our Experience with BS

- Always EU competition  
→ only go for tenders that fit your core activity;
- In your quote be compliant (when possible)  
→ not better
- When not successful ask for feedback

## Our Experience with BS

- Not all institutes have a “mature” and transparent organization
  - “Dutch” approach does not fit;
  - Work for ILO and politics to improve this.
  
- NL should consider a different approach to obtain more ROI in BS projects.
  - Separate budget: Invest in the network in and around the BS Inst.
  - Business case for NL: higher ROI allows for this additional budget.
  - Most relevant how to involve Dutch Industry in a very early stage