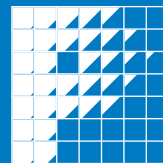
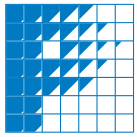


IMPOSSIBLE



Pillen



Pillen
GROUP

SINCE **1956** **FAMILY BUSINESS**
PASSION FOR QUALITY

15.000 M²
PRODUCTION FACILITIES



- MACHINE FACTORY
- METAL PROCESSING
- SYSTEM SUPPLIER

INNOVATOR MANUFACTURING INDUSTRY | OEM
MACHINING & SHEET METAL WORKING



CNC-MILLING
ROBOTIZED
PRODUCT LOADING

HIGH SPEED MILLING

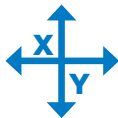
BORING UP TO Ø 1000MM

BROACHING & DEGREASING

2-10-40 PALLET MACHINES
FOR 24 HOURS CONTINUOUSLY MACHINING

INLINE RENISHAW FEEDBACK

HORIZONTAL
VERTICAL



» UP TO 5-AXIS SIMULTANEOUSLY

1500MM X 2500MM X 1500MM

SEVERAL **24/7** PROCESSING CENTRES

CNC-TURNING ROBOTISED / GAUNTRY TURNING/MILLING COMBINATION

AUTOMATIC SUPPLY BAR UP TO **Ø65 MM**

[UP TO Ø1020 MM CNC]

UP TO 6000 MM LENGTH

CERTIFICATIONS



SHEET METAL WORKING

24/7 FULLY AUTOMATIC
PUNCH NIBBLING MACHINES
WITH PANEL STORE SYSTEM

CNC LASER 0.6 MM - 20MM

FOLDING, PRESSING, SHEARING,
DRILLING, DEEP-DRAWING

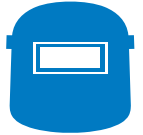


» POWDER COATING

OTHER PROCESSINGS

- 3-D PRINTING
- CNC 5-AXIS WOOD PROCESSING CENTRE
- CNC PROCESSING MACHINE FOR PLASTIC & OTHER MATERIALS

WELDING FACILITIES



ISO 3834-2:2005
CERTIFIED WELDING COMPANY



ROBOTISED
WELDING

MIG / MAG-WELDING • TIG-WELDING
AUTOGENOUS WELDING • SPOT WELDING

**QUALITY
MANAGEMENT**



MITUTOYO CRYSTA APEX S
COORDINATES MEASURING MACHINE
1200 X 3000 X 1000 MM

PED GUIDELINE

STRENGTH TEST / PRESSURE TEST / HARDNESS
MEASUREMENTS / ROUGHNESS MEASUREMENTS

ASSEMBLY FACILITIES



> 4.000 M²
ASSEMBLY
FACILITIES

ESD ASSEMBLY FLOORS
ELECTRO ASSEMBLIES

IMPOSSIBLE

Let's make it.

We are pleased to introduce to you: Pillen - the possible makers. Already since 1956 our family run business has the ambition to push boundaries in the metalworking. In all these years we have always aimed for the one thing: to make our customers ideas possible. This is how we grew and invested in technical equipment and in inspiring people, to make things possible.

Engineering in-house & producing in-house

"Made by Pillen" has ever since been a trademark. Our promise is to leave nothing to be desired in terms of engineering, development and production. On our company grounds in the Dutch city of Lichtenvoorde we engineer your solutions, tailor made, and put it into practice. You will benefit from the know-how of the total Pillen Group and our decades of experience.

Given this sound foundation we can say with full confidence: Do you have a challenging project? Ask Pillen – we make it possible!

We are looking forward to talking to you.

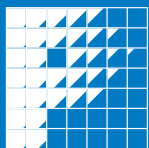
Yours,
Theo Pillen

www.pillen.eu

Timeline 'Made by Pillen'

- 1956:** Pillen was founded
- 1967:** expansion of company grounds on current location in Lichtenvoorde
- 1997:** manufacturing own product lines parallel to the supplier business
- 2006:** business takeover sheet metal
- 2007:** powder coating in company
- 2010:** ISO Certification 9001
- 2013:** business takeover gas-offshore technology
- 2013:** ISO Certification 3834-2 and Certification re-marking
- 2014:** X-ray bunker
- 2015:** ESD assembly facility





Pillen

idea to
product



We build your ideas.

Pillen has an extended range of automated 24/7 machining facilities which can process a large diversity of different metals under conditioned circumstances for extremely high precision. The team of Pillen has over six decades of experience in the construction and planning of component parts for many different purposes. We work with more than 130 employees to fabricate a wide variety of component parts for our customers.

From the idea to the finished product

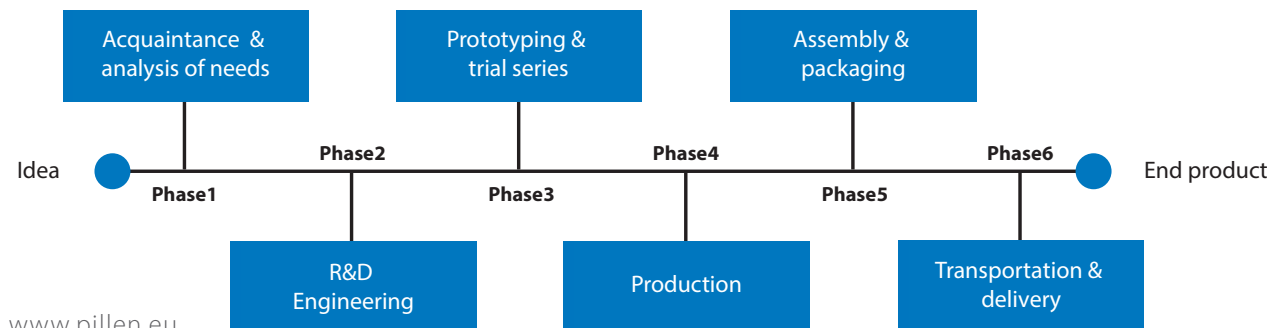
Over the years our grounds have grown to over 15.000 m² on which the different workshops are placed. In these workshops we employ a team of highly experienced experts each responsible for a different production method. You can work with us for one-offs as well as for large series for both machining and sheet metal working. We will happily support you from the first draft.

Co-engineering at its best

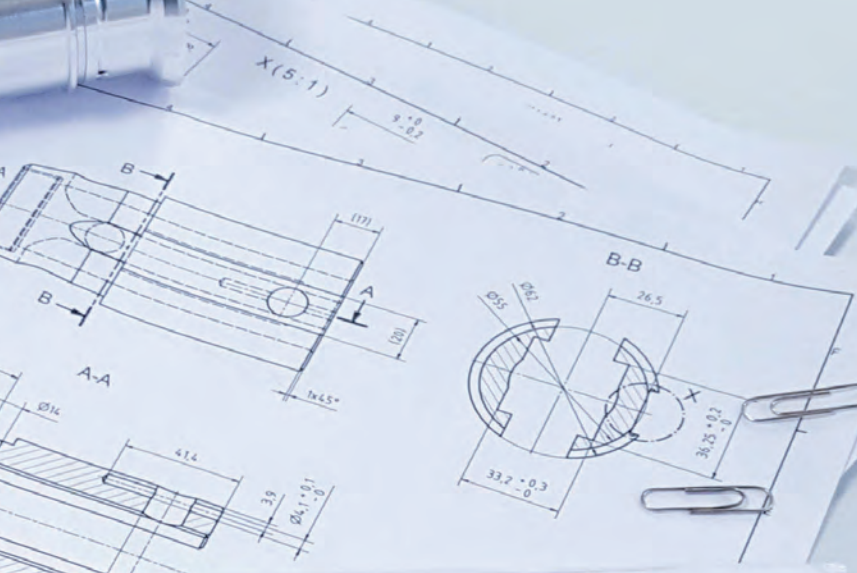
Even if your idea is still in an early phase, let us be your co-engineer and you will benefit from our many years of experience. We will happily assist our customers in the engineering process and offer our insights to build your idea as efficient and perfect as possible. We also overlook your technical drawing from the start and offer tips and tricks where necessary.

Diverse & independent of materials

Pillen also runs material independent processing centres for the processing of wood, plastics and other diverse materials. Besides this they have large assembly facilities with ESD-floors which makes Pillen a real OEM-supplier. In short: whether you are a small inventor or a big brand, Pillen is your partner.







project nummer _____
bladnr. _____ / _____



Pillen
GROUP

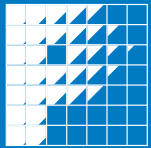
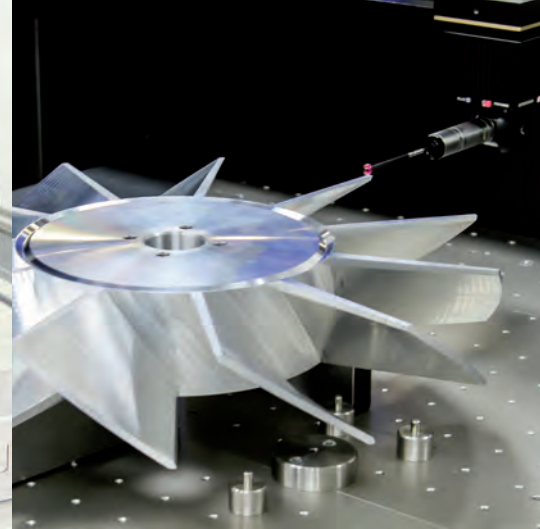
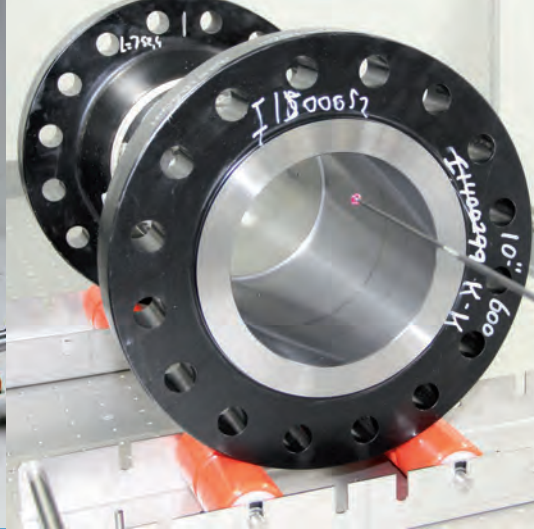
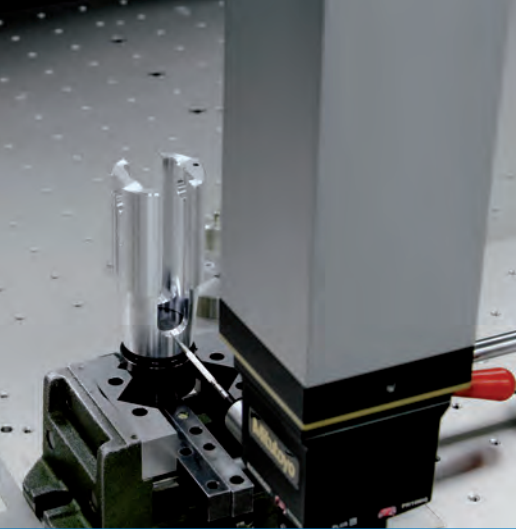
62 buiten $\varnothing 36$ binnen outside

borings zijkant los
vrijzettel

Cylinders EN AW 7022

L 110 b-
L 120
L 70





Pillen

precision & large
machining



We supply the maker industry.

Full service specialist for machining processes

Pillen is your full service specialist in the field of machining. We offer the complete range from CNC milling, CNC turning and CNC bending over conventional machining methods all the way to assembly, all of which we can finish in-house. This makes it easier as you can let the one specialist arrange everything for you and complete your idea from the first scratch.

CNC milling up to 3200 mm

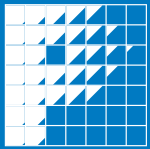
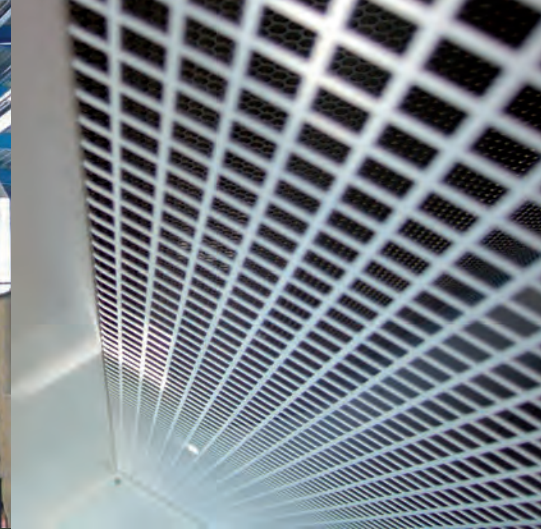
Horizontal and vertical milling are some of the machining processes that we can perform for you. Horizontal milling we can supply up to a maximum workpiece length of 3200 millimeters. Most of our milling machines are CNC controlled, they can produce unmanned which leads to shorter processing times. In our in-house tool shop we build the clamping devices ourselves; to be in control of the perfect fit, we also construct them in-house.

Supporting your project from scratch

By our years of experience in the machining of complex metal we are highly specialized to support challenging projects. We are happy to assist you in any phase of your process. From idea to finished product we can support and advise you, until we hold that brilliant piece of metal in our hands. Feel free to combine machining with the other services we offer, as for example sheet metal working. Apart from processing, assembling the processed parts is also a service we can provide for you. Please talk to us about the possibilities.

Our services in machining:

- CNC milling,
- CNC turning
- CNC bending
- Horizontal and vertical milling



Pillen

sheet metal
working



We'll solve your problem.

Reliable and high-quality sheet metal

Pillen supplies sheet metal processing for the industry. Our services include: CNC punching, CNC flanging, CNC bending, welding, cutting edge laser techniques and full service assembly in our in-house assembly-department. Next to the CNC machines we still offer manual machining. Resulting in creating reliable labour for technicians from around the county. More over we deliver single pieces next to larger serial productions. This can for instance be fittings, enclosures or complex welding assemblies. Whether it involves a simple or a complicated project, we are your partner.

Co-creation and co-engineering

With our modern machinery we carry out sheet metal for small venues aswell as great enterprises. We work very precise to get exactly what our customer needs. Together with them we want to achieve the perfect result. Using the techniques of co-creation and co-engineering enables us to make the best of every project. Based on equality, we combine our customers knowledge and wishes with our knowledge and equipment. This ensures that we pool our abilities to work as efficiently as possible.

Your partner in sheet metal and aluminum profiles

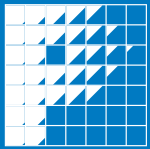
And also when it comes to aluminum Pillen is the specialist in the machining extrusions for various markets, namely the lighting industry, medical industry, shop fitting, furniture construction and heating industry. To edit aluminum extrusions Pillen runs various techniques in company, such as sawing, milling, bending, gluing, welding, film and powder coating. CNC machining centers for sawing, milling, drilling, tapping and bending round out the services we offer professionally.

Our services in sheet metal:

- CNC punching - flanging - bending
- Welding
- Laser-techniques
- Assembly
- Powder coating

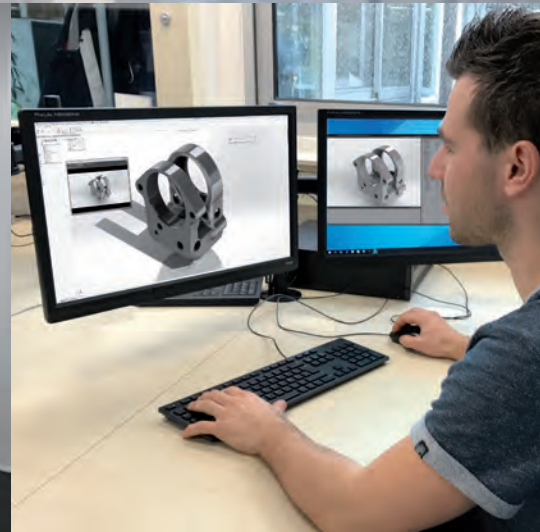
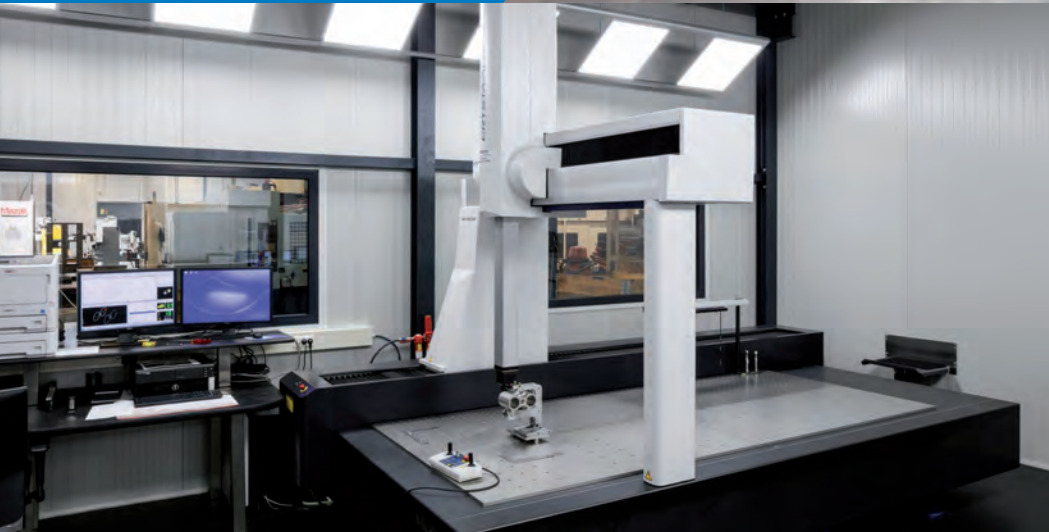






Pillen

assembly &
services



Our one-stop-services for your convenience.

Assembly

On our 15.000 m² premises we have enough space to competently carry out assembly orders of nearly any size under which ESD zones. Be it components that are made by Pillen or components that our customers ship to our venue. We handle every project with care. Because we have a lot of experience in this field, we take care of the logistic process for you. It is also possible that we look after the distribution of your product. Ask for the possibilities.

It is also worthwhile to talk to our experts if you are looking for support in the field of complex assemblies.

Assembly:

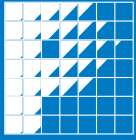
- ESD floor
- Logistic and distributional support
- Also for components made by third parties
- Just in time management possibilities

Services

All the services we offer ranging, from (co)-engineering over assembly to testing and inspecting, can be also booked without having your product produced at our facilities. Meaning, let us run a radiographic inspection on it or deliver single components. We will also assemble according to your specifications.

Services:

- One-stop-services from idea to product
- Co-creation & co-engineering
- Assembly
- Radiographic inspections in own x-ray bunker
- Testing and measuring in own metrology laboratory



Pillen
GROUP

- Precision & Large Machining
 - Sheet Metal Working
 - Assembly & Service
-

For over 60 years the family run company Pillen is a leading specialist in metalworking. With experience and expertise Pillen has become an expert in micro- and large machining. Ranging from relatively simple to highly complicated projects, the highly trained professionals can cope with virtually all types of metalworking. In smaller or larger quantities in lean and efficient production cycles. Based on co-engineering the Pillen engineers are a competent partner from the first idea to the finished assembly. The Pillen Group is headquartered in Lichtenvoorde, in the Netherlands. An extensive machine fleet and a wide range of cutting-edge technologies can be found on the 15.000 square metres of company premises.

Pillen Group
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