

**EXCELLENCE IN SURFACE TREATMENT**  
**INNOVATORS IN**  
**WHEEL BLASTING**  
**TECHNOLOGY**

**INNOVATORS IN BLASTING AND SHOT PEENING TECHNOLOGY**  
VISIT OUR WEBSITE AT [WWW.STRAALTECHNIEK.NET](http://WWW.STRAALTECHNIEK.NET)



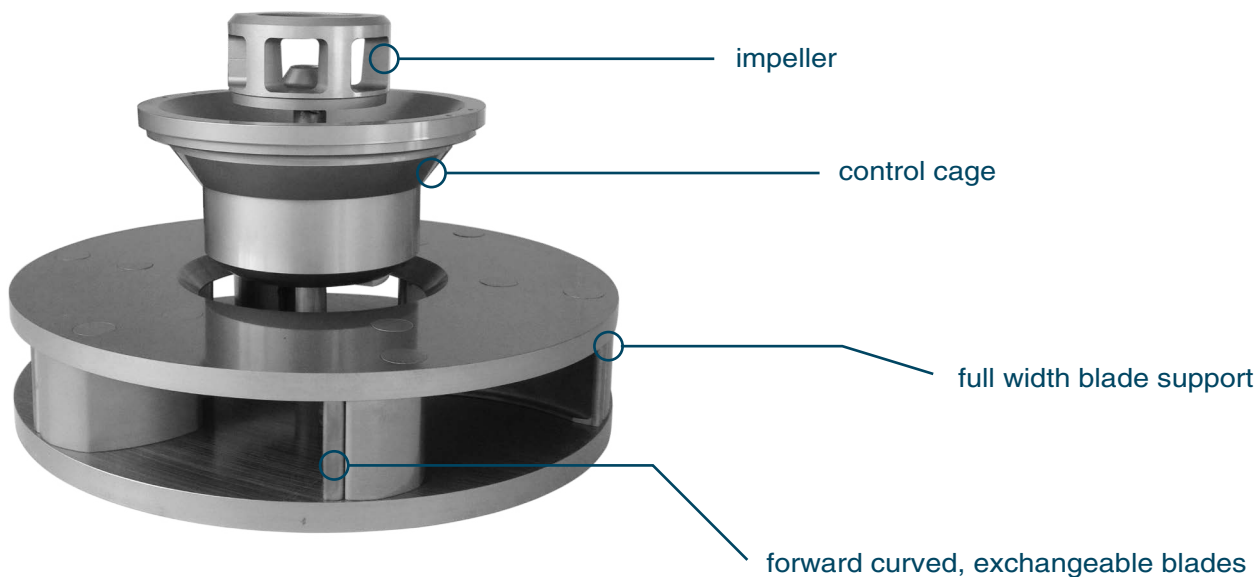
## INNOVATORS IN WHEEL BLASTING TECHNOLOGY

Straaltechniek International is the number one innovator in the field of wheel blasting technology. We offer the most advanced solutions in the high-end metal processing industry and deliver custom work for each specific problem. An extensive network of sales and service points offers the support required for our highly diverse projects.

Straaltechniek International designs, develops and builds complete high-end wheel blasting installations. We have been proving our expertise in this field for years now, which means we can count many well-known firms, such as General Motors, Shell and Dhollandia among our clients.

### Patented GN Wheel®

Straaltechniek International designed a new blasting wheel which offers many advantages in comparison with all the existing models currently on the market. The innovative design of this patented GN Wheel® leads to its lifespan being extended by a factor of 10 and an increase in blasting efficiency of at least 70%!



\* Patented GN Wheel® with high blasting efficiency due to optimum shot-flow

## Our strength is in working together!

Straaltechniek International designs and develops wheel blasting installations in close cooperation with its clients, for a great number of purposes. Our solutions are always fully attuned to the wishes of our clients.

We offer our clients a great deal of flexibility. Our highly competent engineers examine each specific problem in depth and apply the highest possible standards in order to create the optimum solution. Wherever possible we incorporate the insights that we have gained from previously delivered installations over the last three decades within each new concept.

#### This results in:

- the highest quality for the lowest costs
- the highest uptime percentages for your machines
- the lowest maintenance costs
- and in this way a head start on the competition!

### Complete range

Straaltechniek International supplies a full programme of standard apparatus in the fields of blasting, paint spraying, metallisation, compressed air conditioning and shot peening. You can also come to us for accessories such as suits, helmets and nozzles. Our experience in this field extends over more than 30 years and we are international market leaders.



## CUSTOM WORK FOR EACH PRODUCT.

STRAALTECHNIEK INTERNATIONAL DEVELOPS CUSTOM WHEEL BLASTING SOLUTIONS WHICH ARE FULLY ATTUNED TO THE CLIENT, AND DELIVERS THESE AS TURNKEY INSTALLATIONS.

**We supply wheel blasting machines for all specific types of workpieces, regardless of format, shape or vulnerability. Large or small, robust or delicate, round, square or irregular; Straaltechniek International creates the solution.**

The wheel blasting machines listed below are just a few examples from the wide range of options. Would you like to know how we can help you? Then do not hesitate to contact us!

### **Drum blast cleaning machine**

Suitable for many types of objects, in a wide variety of shapes, also for delicate workpieces.

### **Overhead conveyor blast cleaning machine**

For blasting items which can be hung up on hooks.

### **Roller conveyor blast cleaning machine**

Special installations for blasting steel plate, profiles, sections, pipes, etc.

### **Turntable blast cleaning machine**

For workpieces of varying sizes and weight, which none of the above installations are suitable for.

### **Standard wheel blasting machines**

Besides fully tailored solutions we also provide standard wheel blasting machines, which we can also fully align to your requirements. In this way you profit immediately from our years of experience, which have led to these high-grade installations.

#### **Legislation and regulations**

Our machines satisfy all European standards and the most strict quality requirements, such as:

- optimum cleaning of the abrasive
- dust emissions lower than 3mg / m<sup>3</sup>
- switchboard with PLC operation



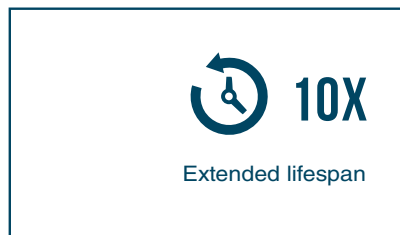
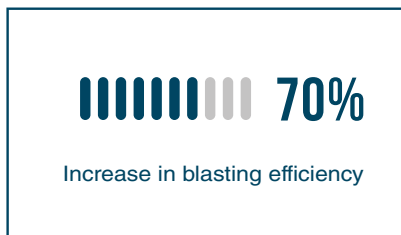
# GN WHEEL®: OPTIMUM PERFORMANCE IN COMPARISON WITH TRADITIONAL WHEELS

Straaltechniek International has been working closely for a number of years with OEMs in the sector in order to improve the technology, blasting media and processes. We developed the unique GN Wheel®, a wheel blasting turbine with extremely high efficiency and extended economic life.

## High efficiency and improved shot-flow

The GN Wheel® is equipped with forward curved hard metal blades and an ingenious blade support. This innovation improves the shot-flow and extends the economic life of the blades considerably. This means that the GN Wheel® has a high yield, low energy use and minimum maintenance costs. In addition downtime for replacement of blades is kept to a minimum, because the user can replace these in situ, without the turbine needing to be dismantled.

- optimum shot-flow
- extended lifespan of blades and side plates
- low energy use
- low maintenance costs
- minimum downtime when replacing blades
- available in a variety of diameters



## Straaltechniek International has already carried out extremely successful assignments for:



Straaltechniek International Group.

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