



shape your visions



ONE NAME,  
MANY SERVICES



**PROJECT MANAGEMENT**  
QUALIFIED SUPPLIERS  
AND INCOMING/OUTGOING  
GOODS CHECKS

**SHEET METAL  
PROCESSING**



**PROTOTYPE  
DEVELOPMENT**



**PIPE AND TUBE  
BENDING**



**TIG  
WELDING**



**CNC  
MACHINING**



## the beginnings

**WS** was founded in the heart of the Italian town of Maranello in **2004** and has since amassed over twenty years' experience in the world of **Formula 1**. Originating from a plan to become the go-to name for TIG welding, it soon became renowned for offering customers the benefits of all its know-how gained in the field of welded constructions.

The company immediately earned itself a place in the motor sports industry as supplier for the leading Formula 1 and Moto GP teams.

## today

Our multifaceted facilities enable us to accompany our customers from design to construction, through to the final testing and inspection of the end product. We monitor every stage of development through the application of tried and tested process management systems.

We are acclaimed for our **efficiency**, **transparency**, and product and management **quality**.



Whether it's just an idea or a fully fledged design, we will guide you through the process from consultancy to creation. If you are looking for a high quality, professional finish, WS is the ideal partner.

We design using 3D CAD software, we build welded assemblies featuring all kinds of materials and CNC machined billet parts.

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**From the drawing board to the customer**

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**Reverse Engineering**

Working from specifications, we develop complex orders efficiently within a production process which is organised and monitored by our team of experts. We work with our best suppliers to ensure we always deliver excellence.



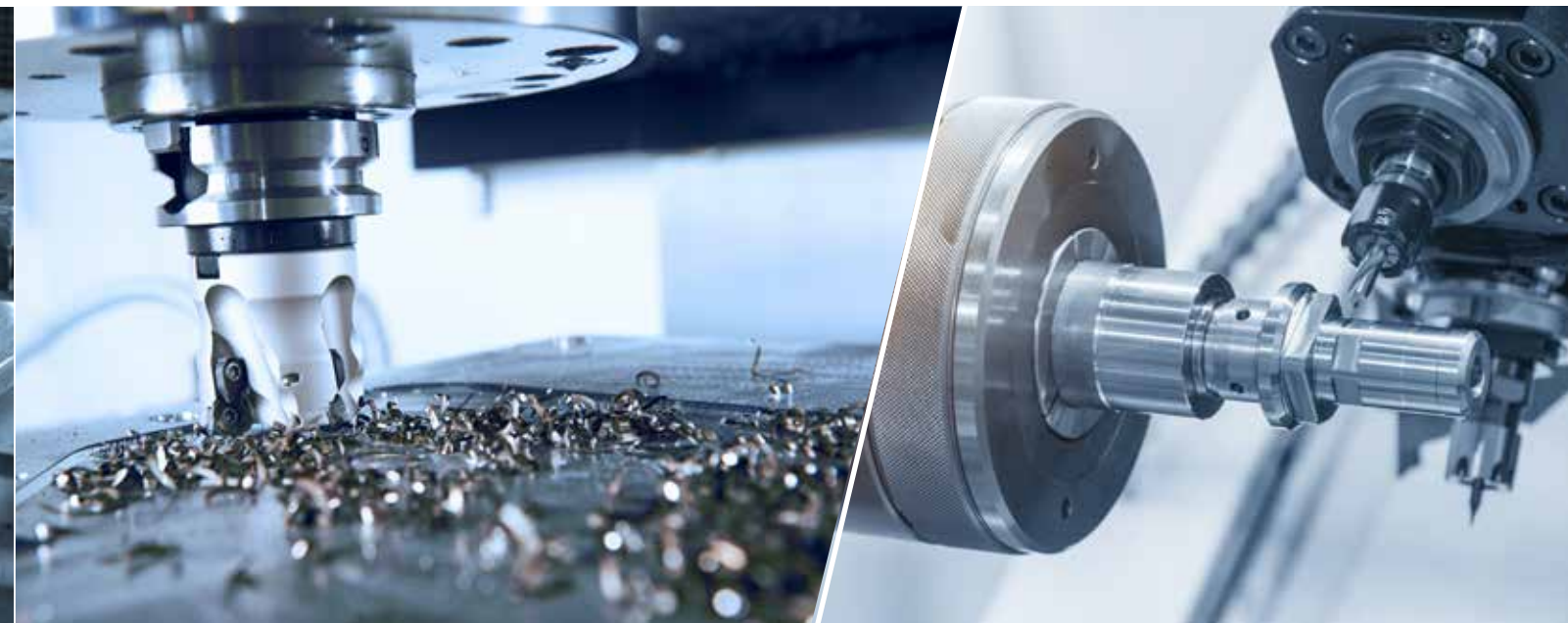
# TIG WELDING

Titanium, aluminium, carbon steels, stainless steels, aluminium alloys, and nickel alloys



# MACHINING

Advice, analysis, and precision processing on prototypes and 5-axis turning and milling for production runs



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## Certified quality and attention to detail

### | TIG welding

We have dedicated time and energy to metallurgy research. As specialists in TIG welding, our experience puts us head and shoulders above the rest. Our accuracy and efficiency guarantee excellent results.

We have a specific department for **sheet metal machining** and light structural steel work. From design analysis to sheet metal bending. Anything outside our scope of action gets assigned to a pool of qualified suppliers.

Our precision machining services start with an initial consultation and feasibility analysis, which are carried out with a view to the utmost professionalism and production efficiency, supported by the use of CAD / CAM software.

We carry out work on prototypes and small runs with **5-AXIS TURNING AND MILLING** on all types of material.

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**We are specialists in titanium alloy processing**

4



5

# CNC PIPE AND TUBE BENDING

much more than just a bend



We offer advice, feasibility analyses, and numerical control pipe and tube bending services. We analyse all aspects of your needs.

Working together with the customer, we build a production process that guarantees the quality of the product, offering so **much more than just a bend**.

Our technology is based on 3D graphic programming software and pioneering equipment.

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**Bending, jig production, and certification of results**



## OUR PHILOSOPHY IS 360° QUALITY

The **quality of the services** and products we offer form **the backbone of our company**.

Our product enhancement project starts with fundamental decisions taken on the basis of advanced professional skills.

For us, **360 ° quality** means creating work and management systems designed to guarantee transparency and reliability.

This **philosophy** is founded on communication and an experience-based approach, i.e. the management or creation of procedures according to the product and the order.

**The certification obtained**, which is in line with the industry in which we operate, offers a guarantee of our working method and help us **achieve the goals** set first and foremost by the customers who count on us.



NDT



**DIMENSIONAL TEST**



**LASER SCANNING FOR REVERSE ENGINEERING**



**LEAK TESTING**

7



# SCOPE OF BUSINESS

## **Formula 1**

### **When welding means performance...**

Established in 2004, WS now has over 20 years of experience in Formula 1 to its name.

The know-how gained in the design and construction of welded assemblies and precision machining allows us to provide the top Formula 1 teams with high quality, professionalism, and expertise.

We collaborate on a wide range of activities, from the design and construction of light alloy pit equipment to the production of vehicle components.

## **Motorcycling**

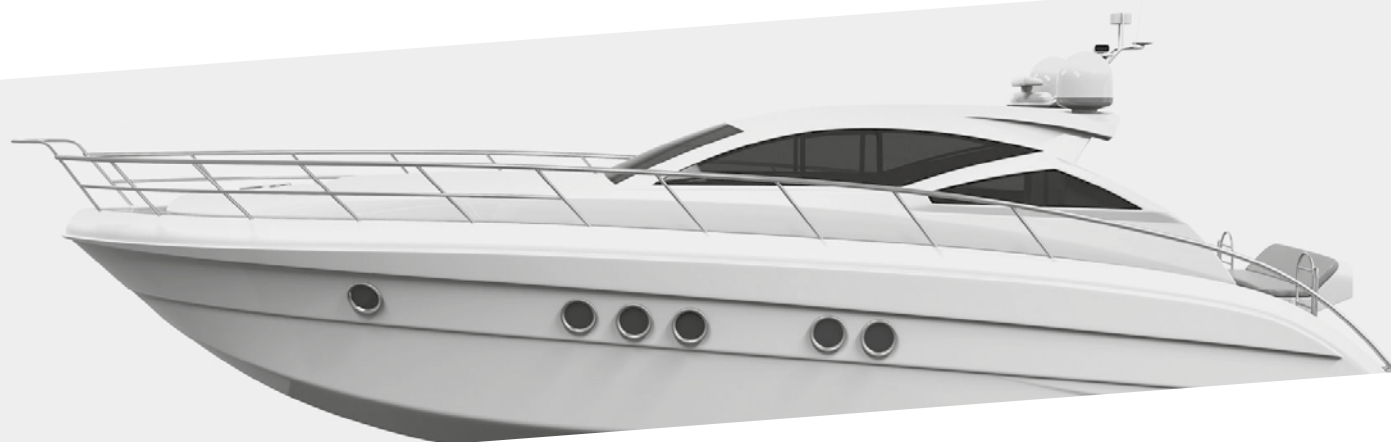
### **Passion and dedication**

In this industry, WS works with a bespoke philosophy, making custom-designed components to order and/or designing components and accessories upon request.

The goal is to meet the needs of teams and professionals and also the requests of enthusiasts wanting to customise their bikes.

The WS design portfolio includes numerous titanium frames, forks, tailpipes, rider and passenger footpegs, steering plates, half-handlebar bracelets, and much more ... all made with expertise and great **attention to detail**.

# SCOPE OF BUSINESS



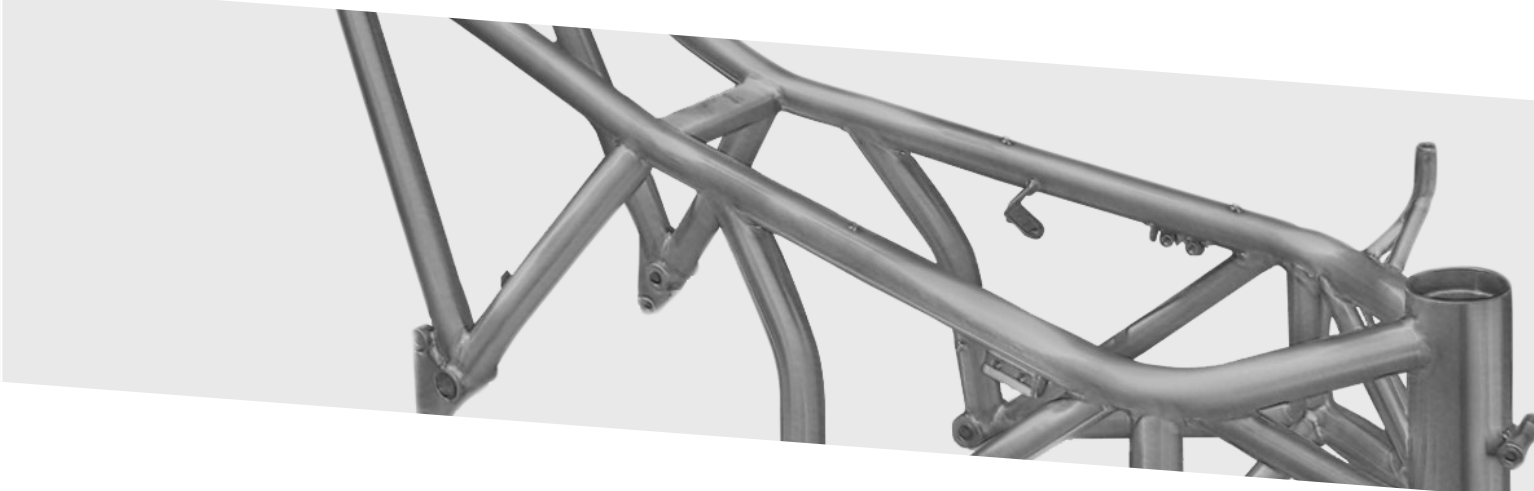
## Boating

### Uncompromising beauty

The adverse conditions of marine environments mean the use of high-corrosion-resistance materials is essential in the nautical industry. Because of this, WS has always been a key partner in the construction of titanium and stainless steel components.

More specifically, titanium (a.k.a. “evergray”) is often the most suitable material for constructions for use in sailing and motor boats.

In a field where lightness, strength, and flawless looks make the difference, this specific know-how means we can meet the most demanding requirements.



## Prototypes and motor sports

### Our goal is to give form to your ideas

The go-to name for anyone wanting to bring a project to life. We start with CAD activities and take your idea through to the construction of the first example or a small production run ...

Pit equipment: reduced equipment base for lower transport costs and custom gear

Titanium frames made entirely to the customer's specifications, accessories for motor sports, cars, motorbikes, karts, custom prototypes for winter sports ... all 100% made to measure.

## Contract work

### Your project, your production, our support

We also offer contract services including mechanical processing, TIG welding, welding repairs, and equipment testing and design.



# WHY WS

Choosing WS means choosing a partner that can guide the customer through the entire production process.

Having one name for all your product processing needs means greater quality control and faster turnaround times.

A single policy based on three key concepts: **EFFICIENCY - TRANSPARENCY - QUALITY.**



12



**Faster times**



**Quality control**





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