



tallarini
manufacturing solutions

COMPANY PROFILE

since 1979



WHO WE ARE

Philosophy

"Only by understanding our customers' needs and keeping our people happy to meet them, can we achieve economic success."

(Guido Tallarini)

Mission

To be a reliable partner for our customers by assuring them a thorough service through our managerial skills and the wide range of activities we can perform.



WHAT WE DO

Tallarini was founded in 1979 and since 1983 has focused on the fabrication of auxiliary equipment for gas turbines, as filter houses, inlet ducts, exhaust ducts and enclosures. The high standards required in this field and the way of working of the world-class companies that became Tallarini's main customers helped building a culture of compliance and attention to the customers' requirements that is still today one of the company's main assets.

Thanks to the expertise reaped through the years and to the engineering skills in our technical department, we acquired the capability to develop the detail drawings on our own, on the basis of our customers' rough projects. The feedback we give our customers on their projects, coming from the perspective of an experienced fabricator who faces the real problems of production day by day, are highly appreciated and often take to an adjustment of the project. This is why we pride ourselves of being precious partners and not simple suppliers.

The widespread manufacturing know-how (above all in sensible areas like qualified welding, thermo-acoustic insulation, anticorrosive coating and stainless steel passivation), the dimensions of our facilities, the up-to-date instrumentation, the wide range of activities performed internally and the fame acquired as a reliable partner are now earning us many requests for collaboration by several industrial groups operating in different sectors, which have in common the need for a partner who is not only a supplier of big dimensions steelworks, but also a service-oriented company that can manage complete projects.

FABRICATION ACTIVITIES PERFORMED INTERNALLY

Tallarini boasts a vertical integration that guarantees that no core component or activity needs to be outsourced. This is a source of competitiveness when the items produced are big and expensive to move and when the lead time is extremely narrow. The major activities we perform internally are:

- Laser cutting
- Bending
- Assembling
- Manual and robot welding
- Blasting
- Anticorrosive coating
- Degreasing, pickling and passivating
- Insulating
- Machining

FABRICATED BY US:

A LITTLE SAMPLE OF OUR PRODUCTION

Customer **API ENERGIA**
Year of delivery **2004**
Type **Intake system / static filter house**
Main materials **S275JR**
Surface treatment **Painted**
Number of units **1**
Turbine **GE - LM2500**
Air flow **262.800 m3/h iso cond.**



Customer **EDISON**
Year of delivery **2005**
Type **Intake system / static filter house**
Main materials **S275JR / AISI304L**
Surface treatment **Painted**
Number of units **1**
Turbine **GE - LM6000**
Air flow **492.840 m3/h iso cond.**



FABRICATED BY US:

A LITTLE SAMPLE OF OUR PRODUCTION



Customer **G+H SCHALLSCHUTZ**
 Year of delivery 2011
 Type **Exhaust system**
 Main materials **S275JR / AISI409**
 Surface treatment **Painted**
 Stack height **40m**
 Gas path dimension of stack pipe $\varnothing 5,7\text{m}$
 External dimensions of silencer **7,2x7,2m**
 Number of units **5**
 Turbine **GE - MS9001**
 Air flow **418 Kg/s @ 543°C**



Customer **GE ENERGY - ALTAIR**
 Year of delivery 2012
 Type **Intake system / static filter house (part of)**
 Main materials **AISI316L**
 Surface treatment **Pickled and passivated**
 Number of units **5**
 Turbine **GE - PGT25+G4**
 Air flow **331.000 m3/h iso cond.**



Customer **GE OIL&GAS**
 Year of delivery 2012
 Type **Exhaust system (engine silencer)**
 Main materials **S275JR / AISI316L**
 Surface treatment **Painted**
 Number of units **10**
 Engine **WAUCHESHA 16V 275GL**
 Air flow **6,15 Kg/s @ 500°C**



FABRICATED BY US:

A LITTLE SAMPLE OF OUR PRODUCTION



Customer **GE OIL&GAS**
Year of delivery **2009**
Type **Exhaust system**
Main materials **S275JR / AISI409**
Surface treatment **Painted**
Stack height **22m**
Gas path dimension of stack pipe **Ø2,6m**
External dimensions of silencer **3,4x3,0m**
Number of units **4**
Turbine **GE - PGT25+LPG3**
Air flow **63 Kg/s**

Customer **GE OIL&GAS**
Year of delivery **2009**
Type **Instake system - pulse jet filter house**
Main materials **S275JR**
Surface treatment **Painted**
Number of units **4**
Turbine **GE - PGT25+GT**
Air flow **311.000 m3/h iso cond.**

Customer **GE OIL&GAS**
Year of delivery **2012**
Type **Exhaust system**
Main materials **AISI316L**
Surface treatment **Painted**
Stack height **13m**
Gas path dimension of stack pipe **Ø2,4m**
External dimensions of silencer **Ø2,4m**
Number of units **1**
Turbine **GE - PGT25**
Air flow **63 Kg/s**



FABRICATED BY US:

A LITTLE SAMPLE OF OUR PRODUCTION



Parts for Drilling Machines



FABRICATED BY US:

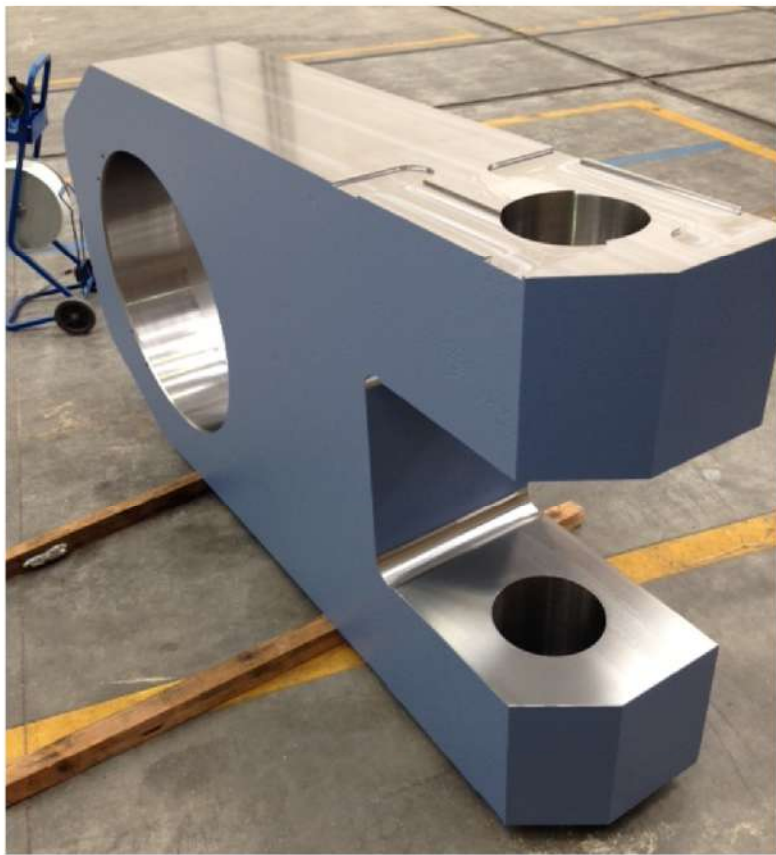
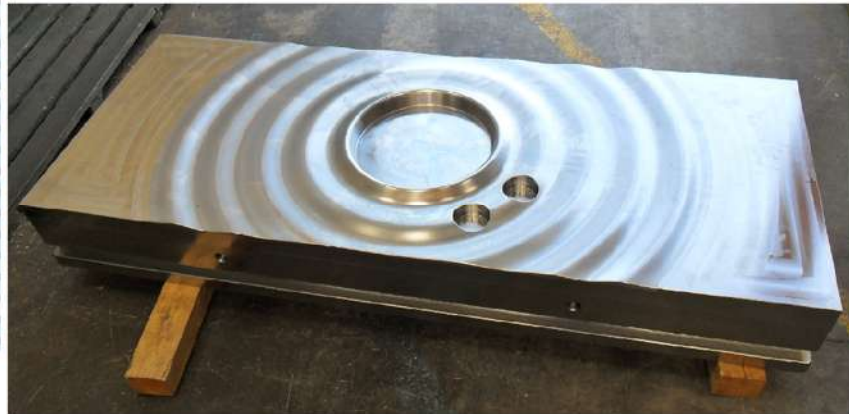
A LITTLE SAMPLE OF OUR PRODUCTION

Parts for Wood Machines



FABRICATED BY US:

A LITTLE SAMPLE OF OUR PRODUCTION



Parts for Machines



MAIN EQUIPMENT



PLATE CUTTING

- No1 laser cutting plant 5200 W field 2500 x 8000 mm
- No1 laser cutting plant 2800 W field 2000 x 6000 mm
- No1 shearing centre 4100 (for plate up to 25 mm thick)



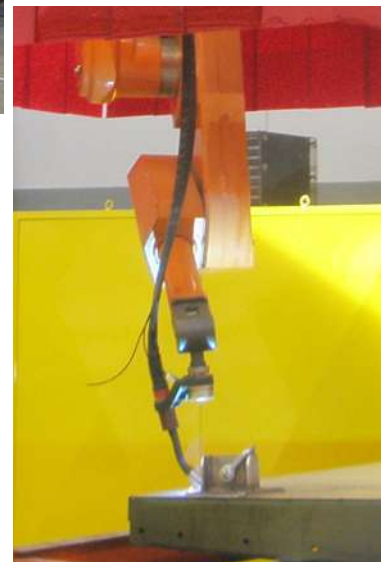
PLATE BENDING

- No1 bending press 3000 mm 110 Ton
- No1 bending press 3000 mm 150 Ton
- No1 bending press 6000 mm 280 Ton
- No1 bending press 9200 mm 800 Ton
- No1 calender 2500 mm (for plate up to 25 mm thick)

MAIN EQUIPMENT



Robot welding plant



MAIN EQUIPMENT



STEELWORKS

- No1 robot welding plant with 2 orbital working stations with capacity Kg 1800 and Kg 3000 (on turning machine: Kg 6000, diameter 3000 mm)
- No47 manual welders (GMAW; SMAW; GTAW; FCAW)
- No4 positioners for collet welding – 25 Ton
- No1 bearing disc positioner for circular weldings Ø 4,5 m – 25 Ton
- No2 milled benches mm 1500 x 4000
- No2 milled benches mm 2000 x 3000
- No2 milled benches mm 1100 x 13000
- No2 milled benches mm 1100 x 3000
- No1 milled bench mm 2050 x 3000
- No1 milled bench mm 2050 x 6000
- No1 milled bench mm 700 x 3000
(Shelves and brackets can be applied to all benches in order to extend their width of 2000 mm and give a vertical support of 1200 mm)
- No2 milled benches mm 3000 x 3000
- No1 milled bench mm 3200 x 9000

MAIN EQUIPMENT



MACHINING

(X-axis = longitudinal traverse; Y-axis = vertical traverse; Z-axis = cross traverse)

- No1 miller: X = 3500 mm; Y = 1250 mm; Z = 1000 mm; automatic universal head 2.5 x 2.5 degrees
- No1 miller: X = 14500 mm; Y = 2500 mm; Z = 1500 mm; automatic universal head 2.5 x 2.5 degrees
- No1 miller: X = 18000 mm; Y = 3300 mm; Z = 1500 mm; automatic universal head 2.5 x 2.5 degrees



MAIN EQUIPMENT



DIMENSIONAL CONTROL (3D)

No1 measuring machine: X = 6000; Y = 1500; Z = 1800



MAIN EQUIPMENT



STAINLESS STEEL TREATMENT SHOT PEENING

- No1 manual plant - passageway: H = 6000mm; Y = 6000 mm; X = 17000 mm;

DEGREASING/PICKLING/PASSIVATION

- No1 manual plant - passageway: H = 6000mm; Y = 6500 mm; X = 17000 mm;

CARBON STEEL BLASTING

- No1 automatic plant - passageway: H = 3500 mm; Y = 3000 mm; X = 18000 mm; 22 Ton
- No1 manual plant - passageway: H = 5500mm; Y = 5200 mm; X = 16000 mm;

PAINTING

- No1 plant - passageway: H = 5600 mm; Y = 5200 mm; X = 19000 mm;
- No1 plant - passageway: H = 6000 mm; Y = 6000 mm; X = 17000 mm;



MAIN EQUIPMENT



HANDLING CAPACITY: 30 TONS

AREAS

SANT'IPPOLITO PLANT: 15000 m² of which 6300 m² covered, maximum height of the hooks of the cranes 6 m

- | | |
|------------------------|---------------------|
| • PLATE CUTTING: | 1900 m ² |
| • PLATE BENDING: | 1900 m ² |
| • SHAPE PROCESSING: | 700 m ² |
| • DIMENSIONAL CONTROL: | 300 m ² |
| • STORAGE: | 900 m ² |

ORCIANO PLANT: 38000 m² of which 13500 m² covered, maximum height of the hooks of the cranes 10,5 m

- | | |
|------------------------------------|---------------------|
| • STEELWORKS: | 6000 m ² |
| • TREATMENTS: | 3700 m ² |
| • MACHINING + DIMENSIONAL CONTROL: | 1350 m ² |
| • ASSEMBLING AND STORAGE | 1350 m ² |



QUALITY MANAGEMENT SYSTEM

Tallarini's Quality Management System is certified according to UNI EN ISO9001 since 1999



GMAW, FCAW, GTAW and SMAW qualified welders and welding procedures according to several international norms

**Certification according to EN15085-2 CL1
Welding of railway vehicles and their components.**

**DM.14.01.08
Certificate processing center N ° 633/10
Certificate processing center N ° 634/10**

NDTs on raw materials and welds (PMI, RT, PT, UT, VT)

Pressure tests and lifting tests, supervised and certified by third parties

Collaboration with NACE and FROSIO inspectors for preliminary qualifications and controls of the surface treatment activities

CE marking on lifting devices and pressure vessels according to PED

Certification according to ISO3834 and EN1090





CONTACTS

Tel +39 0721 728682

Fax +39 0721 749217

contact@tallarini.it



SANT'IPPOLITO FACTORY

ORCIANO FACTORY

FACTORIES

SANT'IPPOLITO

15,000 m²

of wich 6,300 m² covered
under hook height 6m

Via delle Industrie
61040 Sant'Ippolito (PU)
ITALY

ORCIANO

38,000 m²

of wich 13,500 m² covered
under hook height 10,5m

Via del Progresso
61038 Orciano (PU)
ITALY

www.tallarini.it

LOCATION

