



# btt

PRECIOUS METAL PLANTS

SINCE 1979

# 40<sup>TH</sup>

1979-2019

40TH ANNIVERSARY



BTT ITALIA, since 1979, has delivered expert design, installation and maintenance of plants for the recovery and refining of precious metals. Over the years, the company has developed significant know-how in the extraction of precious metals, specialising in customising designs and devising high-performance solutions which are safe and effective for the jewellery sector, goldsmithing companies, for mines and WEEE recovery.

BTT ITALIA has revolutionised the market sector, having invented the first rotating reactors, and today, carries out all processes for the extraction of metals through pyrometallurgy, as well as by means of chemical and electrochemical systems.

### A long history

The mark of quality, stability and the capacity for unmatched innovation.

### Custom-made as a vocation

The capacity to design any type of installation, for any requirement.

**Knowledge. Specialisation.**  
**Design capacity.**

### Design consultation

The fruits of a particular knowledge of the sector, taking into account functional designs in line with the objectives of the client.

### Maximum performance

Utilising the resources of a team of professionals who are always up-to-date.



## SERVICES PROVIDED BY BTT ITALIA

### Consulting

Services offered to our clients cover business, legal and environmental matters.

### Design

Conceptualisation of refining and recovery plants for private companies, as well as for public and government entities.

### Production

Achieving all aspects of plants to cater to the quality standards and timeframes expected by clients.

### Installation

Plant assembly and installations are carried out by a team of technical experts.

### Testing

Evaluating the operation of all plants to ensure quality and maintenance in real-time.

### Training

Ongoing training of company staff has created a specialised team.



The **R&D division** is specialised in extraction methods so as to afford obtaining **the maximum yield with minimal environmental impact**.

**Innovation and complexity management.**

## SECTORS



### GOLDSMITHING

Refining, electrolytic and hollowing plants.



### MINING

Plants for the refining of precious metals for mines.



### WEEE RECOVERY

Plants for the recovery of WEEE precious metals.



### CATALYTIC CONVERTERS

Plants for the recovery of precious metals from catalytic converters.



# Our force



**Andrea Colasurdo**  
BoD President

**Michele Pierobon**  
CFO



**Federico Tanganelli**  
Technical and Sales Director

**Omar Antonio Cescut**  
Commercial, Communication and Marketing Director



**Cesare Picchi**  
Production Manager

## COMMERCIAL TEAM



Ernesto Viero



Francesco Fabbrizzi



Massimiliano Grande



Marco Vasetti



Pietro Balzanelli



Laura Cappetti



Paola Tappeti



Anna Maria De Maio



Elena Lecchini



Matteo Albiani

## TECHNICAL OFFICE

## ADMINISTRATION OFFICE

## LEGAL SERVICES

## HR MANAGER

## R&D MANAGER

## PRODUCTION



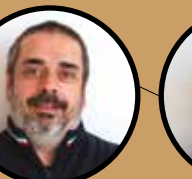
Adriano Bianchini



Andrea Zoeddu



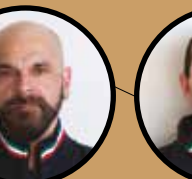
Eliseo Cioci



Fabio Caporali



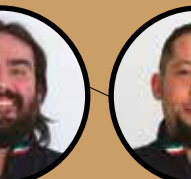
Gabriele Senesi



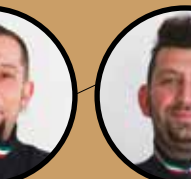
Gianni Tappeti



Moreno Usai



Riccardo Angori



Salvatore Liccardo



Simone Monticini

**40**

**40 years of history**  
solid experience

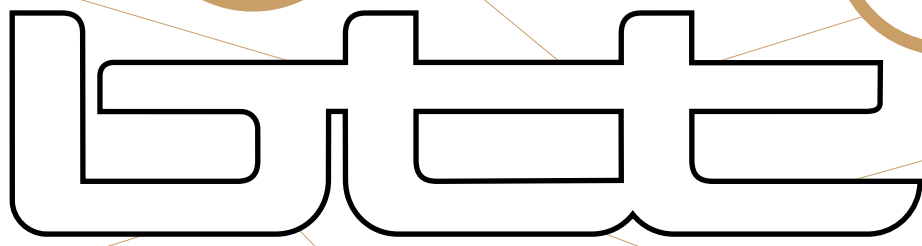


**5 continents**  
internal know-how,  
global market

**5**

**1000+ plants installed**  
for companies  
and governments

**1000**



**45**

**45+ countries in the world use our plants**



**A vision and an international presence**

**3**

**3 divisions**  
specialisation  
and organisation

### REFINING PLANTS BY BTT ITALIA

- Chemical refining plants using 'aqua regia' (regal water)
- Electrolytic refining plants
- Recovery plants
- Ventilation and vapour reduction plants
- Liquid treatment processing plants
- Galvanic plants
- Filtration systems
- Analytical laboratory for cupellation and electronic analysis

<sup>79</sup> <b>Au</b> aurum	<sup>47</sup> <b>Ag</b> argentum	<sup>78</sup> <b>Pt</b> platinum	<sup>46</sup> <b>Pd</b> palladium
<sup>45</sup> <b>Rh</b> rhodium	<sup>29</sup> <b>Cu</b> aeramen	<sup>28</sup> <b>Ni</b> niccolum	<sup>44</sup> <b>Ru</b> ruthenium

### GOLDSMITHING PLANTS BY BTT ITALIA

- Hollowing plants
- Gypsum removal and residual collection plants
- Bombing plants
- Electrochemical stripping and polishing plants
- Rotary dryers
- Granulators
- Mills and sifters
- Handwash basins with precious metals recovery
- Liquid treatment plants for soapy or acidic water
- Products in polypropylene, polyvinyl chloride, polyethylene, polyvinylidene fluoride, polytetrafluoroethylene, etc.
- Extraction hoods for workbenches



**WHERE THE PRODUCTION CYCLE ENDS,  
A PRECIOUS BUSINESS BEGINS.**

**BTT ITALIA per Industry 4.0**



[www.bttimpianti.com](http://www.bttimpianti.com)

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luxury for luxury

