



BALESTRI TECHNOLOGIES

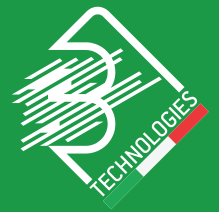
Chemical refining plants for Gold



Gold refining plants utilizing Aqua Regia
and Nitric Acid inquartation



Chemical refining plants for Gold



Balestri Technologies produces a comprehensive range of chemical gold refining plants, tailored to meet the demands of both small and large-scale industrial operations.

Our plants employ advanced aqua regia and nitric acid parting processes, guaranteeing high-purity gold output ($\geq 99.95\%$).

Our systems are engineered to efficiently manage by-products, such as silver, optimizing material recovery and enhancing economic value.

We provide plants with adaptable levels of process automation, enabling tailored configurations to meet specific production requirements.

Each solution is designed to actively promote a circular economy and sustainable resource management.

KEY FEATURES:

Flexibility: Handles the refining of various alloy types with static or rotating systems

Efficiency: Utilizing optimized processes to maximize yield and gold purity.

Versatility: Incorporating three-reactor configurations, for multiple processes within a single unit as the silver conversion and recovery.

Reactor Configuration: Reactors can be tailored as static or rotary to specific feedstock requirements.

Safety and Sustainability: Adherence to environmental and safety regulations regarding acid management, emissions, and wastewater.

Easy to use: Intuitive user interface design.

Au *STATIC*



 **BT-AR-002**

INPUT CAPACITY (kg/batch)	Min 0,2 kg - Max 2 kg
REFINING BATCH TIME	6 - 8 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
1	2 KG

Au *STATIC / ROTARY*



 **BT-AR-006**

INPUT CAPACITY (kg/batch)	Min 2 KG - Max 6 Kg
REFINING BATCH TIME	6 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
2	6 KG

Au *STATIC / ROTARY*



BT-AR-015

INPUT CAPACITY (kg/batch)	Min 4 kg - Max 15 kg
REFINING BATCH TIME	6 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
2	15 KG

Au *STATIC / ROTARY*



BT-AR-025

INPUT CAPACITY (kg/batch)	Min 8 kg - Max 25 kg
REFINING BATCH TIME	6 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
2	25 KG

Au *STATIC / ROTARY*



BT-AR-050

INPUT CAPACITY (kg/batch)	Min 20 kg - Max 50 kg
REFINING BATCH TIME	6 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
2	50 KG

Au *STATIC / ROTARY*



BT-AR-100

INPUT CAPACITY (kg/batch)	Min 20 kg - Max 100 kg
REFINING BATCH TIME	6 hrs (Average)

BATCHES PER DAY	QUANTITY PER BATCH
4	100 KG



BALESTRI TECHNOLOGIES
CHEMICAL AND REFINING PLANTS FOR PRECIOUS METALS
DESIGN AND MANUFACTURING



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