



Produits Artistiques Metaux Precieux

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Essential Services / Assaying

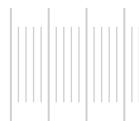
PAMP employs only sworn assayers of precious metals, who work in accordance with the "Swiss Precious Metals Control Law" (LCMP) and:

- Follow the instructions and rulings of the precious metals legislation and the directives transmitted by the Central Office for Precious Metals Control in Bern (BCMP)
- Function in complete independence of the hierarchical structure of the factory, as well as from external influences
- Are solely qualified to determine the fineness of the material designated to the product coming from the melt, as well as to verify the conformity of the product of the melt

Truly state-of-the-art, the PAMP assay laboratory fully serves its clientele with fire, spectrometric, ICP, X-ray, and chemical assays. All material arriving at the refinery, whether doré or scrap, is melted, with samples then taken. As a general rule, each sample is divided into three parts, one for PAMP, one for the customer, and one for arbitration, whenever deemed necessary. The refinery's sample is sent to the laboratory for precise determination.

PAMP's assay laboratory is certified as conforming to the general competency requirements to carry out tests and/or calibrations, including sampling, of the International Organization for Standardization (**ISO / IEC '17025 : 2005' Accredited**).

And perhaps as ultimate proof of its reliability, PAMP stands as one of only five '**Approved Good Delivery Referees**' of the London Bullion Market Association (LBMA), responsible for the testing of samples, the provision of reference samples, and other functions in support of the 'Good Delivery' system.



9.5 Au 999.9 Ag 999



1.0 Pt 999.5 Pd 999.5



9.5 Au 999.9 Ag 999

Essential Services / Refining

In synergy with assaying services, PAMP's refining capabilities have extended the brand name throughout the precious metals industry since the inception of these services in 1984.

- All gold-, silver- and platinum group metals-bearing materials can be processed
- The current gold refining capacity exceeds 450-metric tons per year, which guarantees great flexibility, fast turnaround and competitive pricing. Current PGM refining capacity exceeds 30-metric tons per year
- Methods include electrolysis, wet chemical chlorination (*aqua regia*), and wet chemical parting
- All mine doré and scrap gold can be refined up to '999.9' (four-nines) purity, and as high as '999.99' (five-nines) purity, to meet specific industrial needs, such as electronic and fine jewelry manufacture
- After refining, gold, platinum or palladium may also be delivered as client-specified alloys, or as sponge (powder) or salts (crystal and solution)



Disciplined and responsibly managed, the refining processes perform to the exacting standards of Swiss environmental regulations, among the most stringent in the world. In a perpetual state of activity, PAMP's 'environmental responsibility' personnel ensure that all water is thoroughly purified before leaving the plant, and all fumes completely neutralized.

.0 Pt 999.5 Pd 999.9

PAMP offers a comprehensive range of gold bullion bars - refined up to 999.9, or even 999.99 purities - and available from 400-ounce (12.5-kgs, accepted as 'Good Delivery' in all major markets worldwide) through to kilo, ten-tola, 100-grams and tael bars. Sizes and purities of bars are matched to the special requirements of regional markets, fabricators or end users.

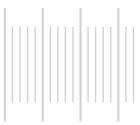
Of the platinum group metals, PAMP provides 'Good Delivery' bars of platinum and palladium in one- to six-kilogram weights, refined to 999.5 purities, from dedicated state-of-the-art facilities.

All bars are subjected to rigorous inspections and weighing before packing and dispatch, as would be expected of the world's perfectionist in precious metals.

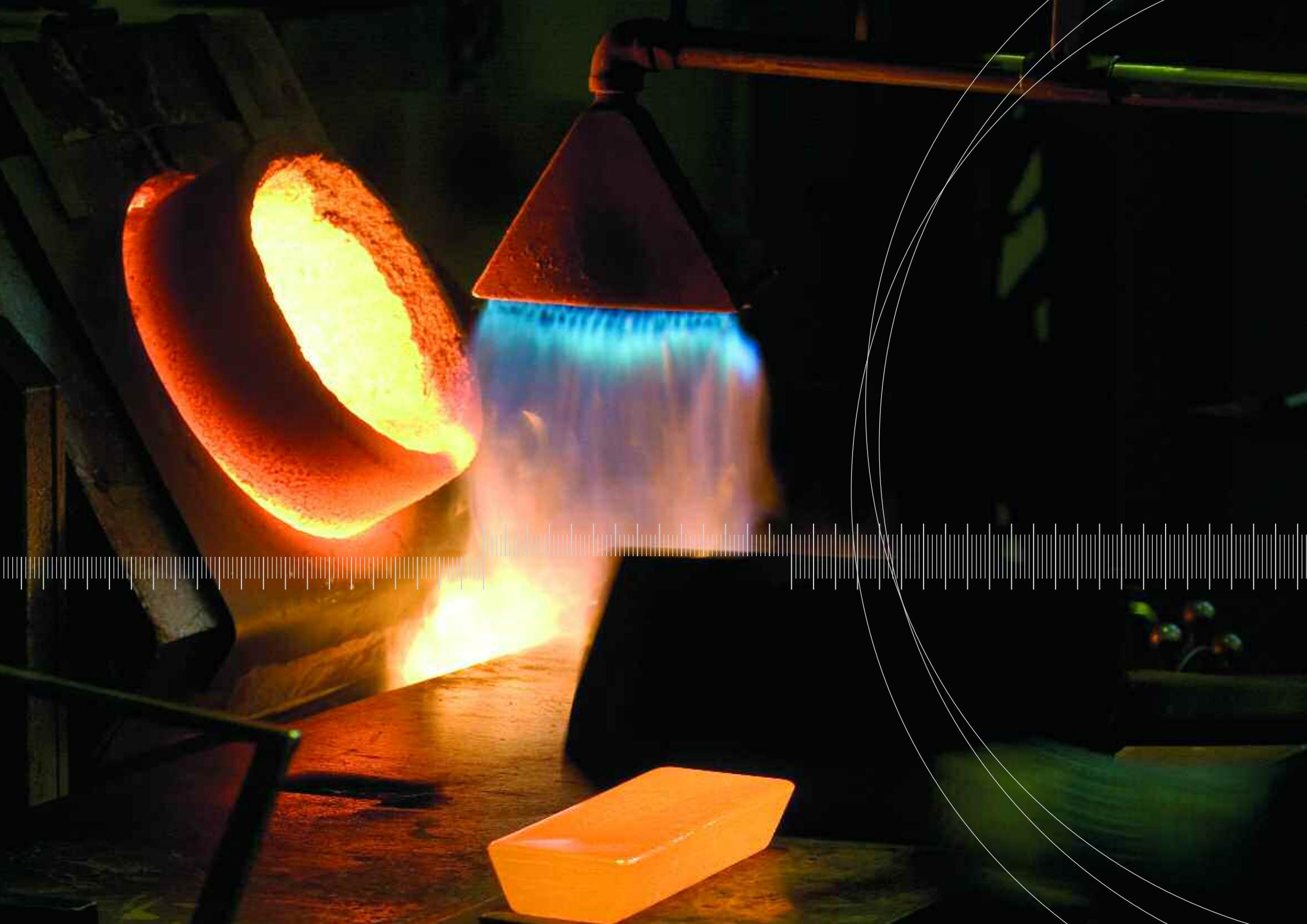
- A complete production and global delivery service: With one phone call a customer can order the specific bars required, be advised of flight and delivery details for those bars, and if desired, hedge their price in the market via the expertise of PAMP's sister company, MKS Finance. Metal Deposit Account services are also available
- Speed and agility: Given its large production capacity and highly automated processes, PAMP can provide rapid availability even in the most hectic markets. This uncommon efficiency is due in large part to in-house development of original equipment for casting bars, including a continuous casting line for ten-tola bars (3.75-ounces) and 100-gram bars

Refined to Perfection.

The quality of PAMP bars won swift '**Good Delivery**' accreditation with the Swiss National Bank (**SNB**, 1986), the London Bullion Market Association (**LBMA**, 1987), the Commodity Exchange, New York (**COMEX**, 1989), the Tokyo Commodity Exchange (**TOCOM**, 1990), the London Platinum and Palladium Market (**LPPM**, 2004) and the Gold and Commodities Exchange of Dubai (2005). PAMP is also recognized as a deliverable brand with the Chicago Board of Trade (**CBOT**, 2006)









Metal and weight

Au 1 Tael = 37.43 g

Au 100 g

Au 250 g

Au 500 g

Au 1 kg

Au 10 Tolas = 116.64 g

Ag 1 kg



Standard Metal Fineness for Bullion

Metal and weight

Au 400 oz

Ag 1000 oz

Pt 1 kg – 6 kg

Pd 1 kg – 6 kg

Au = 999.9 Fine Gold – 995.0 Gold

Ag = 999.9 or 999.0 Fine Silver

Pt = 999.5 Fine Platinum

Pd = 999.5 Fine Palladium



As one of the world's leading precious metals refineries and fabricators, PAMP is particularly well regarded for its pioneering spirit, as evidenced in 1977 by the introduction of a wide variety of decorative designs on the reverse side of its ingots, also known as 'small bars.'*

An industry first, the aim has been not only to extend the frontiers of bullion bar concepts, but also to place new emphasis on the intrinsic beauty - and therefore value - of precious metals overall. As a result, the extensive collection of decorative motifs has opened up new doors for ingots as a memorable gift, suitable for all occasions, in every market.

Today, PAMP controls more than half of the world market for gold bullion bars weighing less than 50-grams. The introduction of Fortuna-embellished silver, platinum and palladium bars has also met with resounding international success. Signed, Certicard packaging guarantees the qualities, weight and assayed precious metal content of every bar leaving the refinery.

- **Design Catalog:** Motifs range from mythological and astrological themes to religious icons, and from historic monuments to botanical renderings.

The most famous of these designs is of course the exquisite Lady Fortuna™, which quickly became the calling card of PAMP. Hangers are available for pendant wear, along with proprietary, multi-colored holograms, as both a decorative and security feature

- **Custom Orders:** Proprietary designs are not only welcomed but also encouraged, for which client specifications are followed scrupulously. Or, PAMP's creative staff can suggest a variety of exclusive design concepts, of any shape or gram weight, from which to choose

* **Please note:** Though any cast or minted bar weighing less than the Standard 400-ounces bar can be considered a 'small bar,' we refer here to ingots or small bars as those minted at weights of 50-grams or less. All may be referred to collectively as bullion bars.

Personal Prestige. Brand Distinction. Trusted Value.

Accredited by the Swiss Federal Bureau:

PAMP quality begins at the assay facilities, supervised by sworn assayers accredited by the Swiss Federal Bureau for the Control of Precious Metals.

Exacting Quality Standards:

Produced using the highest Swiss engineering skills at a modern, high technology refinery, the best assurance of consistent quality.

Fine Details:

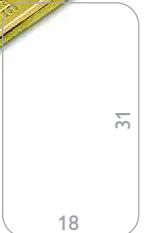
An exceptional high quality finish is an internationally recognized PAMP signature. The handsome designs add value to the fine precious metals content, making PAMP bars coveted collectibles.

Authenticity and Identification:

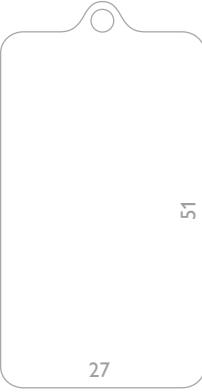
Each bar is individually registered and sealed in protective Certicard packaging, along with an official Assay Certificate that guarantees fine precious metals content and weight.

Minting Services / Ingots (Small Bars) Rectangular

13

					
18	31	25.5	15.5	14	23.3
 1 g – 0.43 mm	 2.5 g – 0.46 mm	 5 g – 0.83 mm	 10 g – 1.38 mm	 20 g – 1.97 mm	
 1 g – 0.35 mm		 $\frac{1}{10}$ oz – 0.95 mm	 $\frac{1}{10}$ oz – 0.79 mm	 10 g – 1.81 mm	
		 5 g – 0.75 mm	 10 g – 1.25 mm		 10 g – 1.58 mm

Minting Services / Ingots Rectangular Pendant

			
51	45	37	24
 2.5 g – 0.385 mm	 5 g – 0.66 mm 10 g – 1.32 mm $\frac{1}{4}$ oz – 1.04 mm	 20 g – 1.85 mm $\frac{1}{2}$ oz – 1.45 mm	 1 oz – 1.68 mm
	 5 g – 1.19 mm 7 g – 1.68 mm	 10 g – 1.56 mm $\frac{1}{2}$ oz – 2.42 mm	 $\frac{1}{2}$ oz – 1.51 mm 10 g – 0.97 mm 15 g – 1.46 mm 20 g – 1.95 mm
14	15.5	18	
Ring weight: gold / silver	0.20 g / 0.11 g	0.20 g / 0.11 g	0.40 g / 0.22 g
		0.20 g / 0.11 g	0.40 g / 0.22 g



Standard Metal fineness for Ingots (Small Bars)

Au 1 oz – 1.71 mm

Ag 20 g – 2.03 mm

Pt 1 oz – 1.54 mm

Pd 1 oz – 2.76 mm

Au 50 g – 2.13 mm

Ag 1 oz – 2.45 mm

Au 5 oz – 3.79 mm

Ag 100 g – 4.53 mm

Au = 999.9 Fine Gold

Ag = 999.0 Fine Silver

Pt = 999.5 Fine Platinum

Pd = 999.5 Fine Palladium

Minting Services / Specialty Ingots



Metal, weight and size in mm

Pt 500 g – 54 x 85.5 x 5.04 mm

Pd 500 g – 54 x 85.5 x 9.0 mm



Pt 1 kg – 52.5 x 118 x 7.52 mm

Pd 1 kg – 52.5 x 118 x 13.43 mm

Ingot diameter in mm	16	18	22	24	
Metal, weight and thickness	Au 2.5 g – 0.63 mm $\frac{1}{10}$ oz – 0.79 mm 5 g – 1.27 mm	Au 2 g – 0.40 mm 2.5 g – 0.50 mm $\frac{1}{10}$ oz – 0.63 mm 3.1 g – 0.62 mm 5 g – 1.00 mm	Au 7 g – 0.94 mm $\frac{1}{4}$ oz – 1.05 mm 10 g – 1.35 mm	Au 10 g – 1.13 mm $\frac{1}{2}$ oz – 1.76 mm 20 g – 2.26 mm	Ag 5 g – 1.25 mm 10 g – 2.50 mm
				Ag 10 g – 2.10 mm	
				Ag $\frac{1}{2}$ oz – 1.84 mm	

The Lady Fortuna™

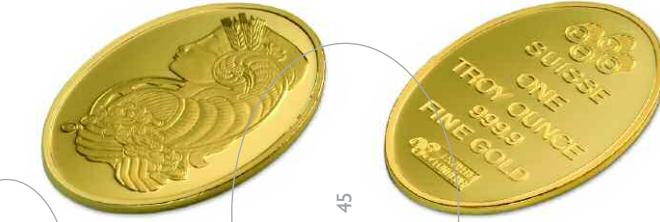
Resplendent with the promise of good fortune ahead, the celebrated Lady Fortuna is the first decorative motif to ever decorate precious metals bullion, an emblem that has heralded PAMP's superior quality products and services worldwide for nearly a quarter century. Indeed, only the Roman goddess of fortune can so admirably convey the ideals and prestige of the world's leading independent precious metals refinery.

Ingot diameter in mm	33	40	
Metal, weight and thickness	Au $\frac{1}{2}$ oz – 0.93 mm 20 g – 1.20 mm	Au 1 oz – 1.27 mm 50 g – 2.04 mm	
	Ag 10 g – 1.11 mm $\frac{1}{2}$ oz – 1.73 mm 20 g – 2.22 mm	Ag 10.55 g – 0.80 mm 1 oz – 2.35 mm	

Minting Services / Ingots (Small Bars) Oval

16

Ingot size in mm



Metal, weight and thickness

Au 1 g – 0.51 mm

Au 2.5 g – 0.515 mm
5 g – 1.035 mm

Au $\frac{1}{4}$ oz – 1.13 mm
10 g – 1.46 mm

Au $\frac{1}{2}$ oz – 0.765 mm
20 g – 0.98 mm
1 oz – 1.53 mm
50 g – 2.46 mm

Pt 2.5 g – 0.463 mm

Minting Services / Ingots Oval Pendant

Ingot size in mm



Metal, weight and thickness

Au 1 g – 0.47 mm

Au 2.5 g – 0.49 mm
5 g – 0.98 mm

Au $\frac{1}{4}$ oz – 1.095 mm
10 g – 1.85 mm

Au 10 g – 0.91 mm
20 g – 1.83 mm

Au $\frac{1}{2}$ oz – 0.735 mm
20 g – 0.945 mm
1 oz – 1.47 mm
50 g – 2.375 mm

Ag 5 g – 1.29 mm
 $\frac{1}{4}$ oz – 2.01 mm

Ag 10 g – 1.70 mm

Ag 10 g – 0.87 mm
 $\frac{1}{2}$ oz – 1.36 mm
15 g – 1.31 mm
20 g – 1.74 mm

Pt 1 g – 0.42 mm

Pt 2.5 g – 0.44 mm
5 g – 0.88 mm

Pt 10 g – 1.27 mm

Pt 20 g – 0.85 mm

Ring weight: gold / silver / Platinum

0.15 g / 0.17 g

0.20 g / 0.22 g

0.20 g / 0.11 g / 0.22 g

0.40 g / 0.22 g

0.40 g / 0.22 g / 0.44 g



Size
Thickness

ø 40.00 mm
2.80 mm

Metal

Ag

Manufacturing technology

Minted, with color application



48.00 x 35.00 mm
1.90 mm

Ag Au

Minted, with gold plating

The marking of historical or significant events with commemorative coins and medals is in fact a hallmark of all civilizations, and PAMP honors this very human need with wide-ranging minting services and fast turnaround. PAMP also services leading minting and banking institutions, which have long valued its expertise for alloying and manufacturing coin and medal blanks.

As with PAMP ingots (small bars), coins and medals production profits from vertically integrated proficiencies - including concept and design, plaster modeling, die-stamp etching, manufacturing of blanks and minting.

A virtually limitless range of shapes, sizes or weights may be produced in any precious metal alloy, including legal tender coins or medals in color, hologram, bi-metallic or stone-set variations, or with partial or total gold plating. Meticulous attention is also paid to finish, a PAMP signature, from brilliant uncirculated (BU) to proof or proof-like quality.

Minting Services / Coins and Medals

18



Size
Thickness

ø 31.00 mm
1.60 mm

Metal

Au

Manufacturing technology

Minted



Size
Thickness

ø 24.00 mm
2.30 mm

Metal

Ag

Manufacturing technology

Minted, with hologram application



Size
Thickness

ø 38.61 mm
2.30 mm

Metal

Ag

Manufacturing technology

Minted



Size
Thickness

ø 45.50 x 30.50 mm
2.60 mm

Metal

Ag

Manufacturing technology

Minted, with Niobium insert



Size
Thickness

108.21 x 51.60 mm
4.40 mm

Metal

Ag

Manufacturing technology

Minted, with color application



Size
Thickness

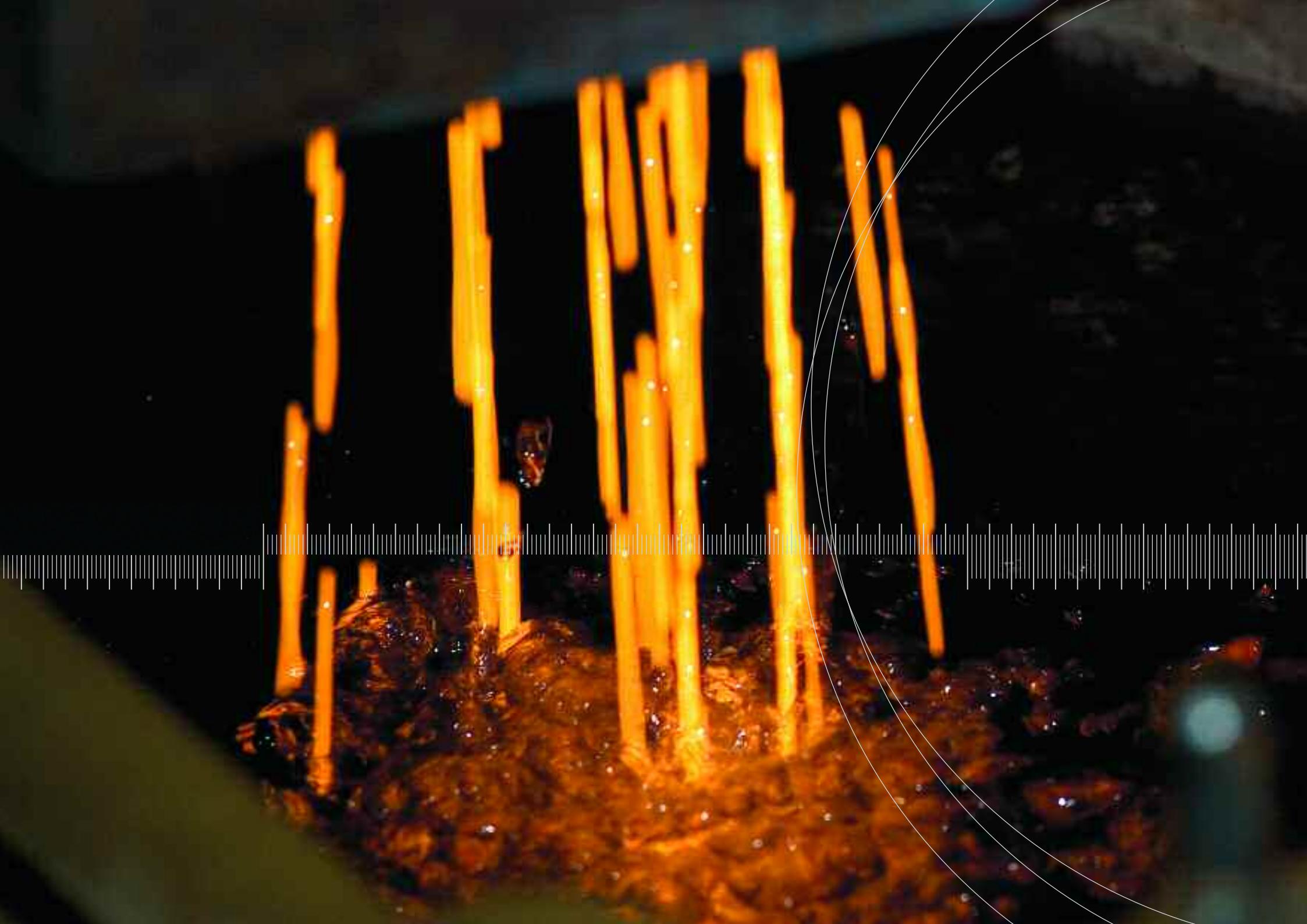
ø 38.61 mm
2.30 mm

Metal

Ag

Manufacturing technology

Minted, with adhesive motif and synthetic enamel application

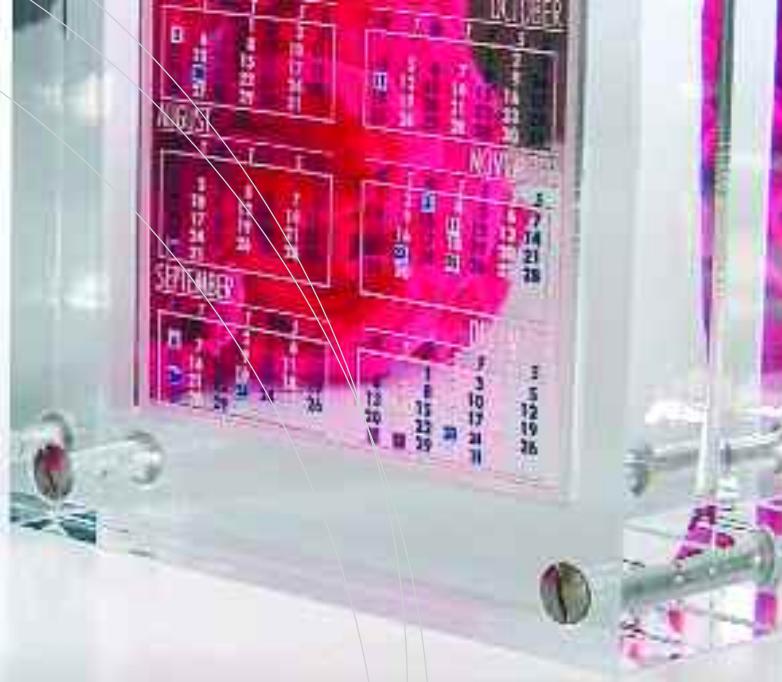


PAMP produces a wide range of karat gold alloys for the fine jewelry industry. Wires, plates, rods, strips and of course, grains, are readily available. Any gold alloy can be manufactured upon request.

Indeed, PAMP metallurgical expertise - the founding principle behind PAMP - may be employed to overcome alloy problems encountered in the manufacture of contemporary jewelry design.



Specialty Services / Corporate Gifts



The PAMP corporate gift program presents the client with great flexibility and freedom when choosing occasion-oriented gifts. Whether commemorating individuals, institutions or personal occasions such as births or weddings, customers may rest assured that their gesture would be both cherished and memorable.

Beyond proof and proof-like coins, or ingots, precious metals gifts may also be abstracted and embedded within Lucite™ or naturally derived materials such as ore or marble. Selections can be created in gold of any caratage, or in silver, platinum or palladium.

Especially handsome are PAMP's popular annual or financial calendars of 100-grams 999.0 silver or gold-plated silver. Two distinct styles are available, and each can be embellished to bear personal sentiments or corporate logos.

In addition, the PAMP collection of ingot and coin-shaped pendants, in various shapes and gram weights, is an ideal complement to the corporate gift program.

Unprecedented Service from Start to Finish

PAMP is rare among refineries as being one of the few to provide specialized gift collections and bespoke services. Product may be selected directly from current offerings, or, as with small bars, the minting department can supply exclusive design, die tool and manufacture services, completely in-house.

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