

# AI Tattoo Pricing Estimator

## Complete Documentation

### ■ AI Tattoo Pricing Estimator Documentation

Complete guide to using the FREE and PREMIUM modes

#### ■ Overview

The AI Tattoo Pricing Estimator is a comprehensive tool designed for both tattoo artists and clients to get accurate price estimates. It features two modes:

FREE Mode: Instant formula-based calculations using industry standards

PREMIUM Mode: AI-powered estimations with image analysis (requires free Gemini API key)

Additionally, the tool includes an AI Image Studio for generating and editing tattoo concepts.

#### ■ FREE Mode

The FREE mode uses proven industry formulas to calculate tattoo prices instantly without requiring any API key or internet connection.

#### How It Works

Enter tattoo dimensions (width and height in inches)

Select tattoo style (e.g., American Traditional, Realism, Japanese)

Choose complexity level (Simple, Medium, Detailed, Very Complex)

Select body placement (affects difficulty)

Choose color scheme (Black & Grey or Full Color)

Select artist experience level

Click “Estimate Price”

## Calculation Method

The FREE mode uses this formula:

Base Price = Area (in<sup>2</sup>) × \$25

Then applies multipliers for:

Style: 0.8x to 1.4x (Minimalist to Photorealism)

Complexity: 0.8x to 1.4x (Simple to Very Complex)

Placement: 1.0x to 1.3x (Easy to Difficult areas)

Color: 1.0x (B&G;) to 1.2x (Full Color)

Experience: 0.8x to 1.3x (Apprentice to Master)

## Features

Works completely offline

Calculations in milliseconds

Based on professional pricing models

USD, EUR, GBP supported

## ■ PREMIUM Mode (AI-Powered)

The PREMIUM mode uses Google’s Gemini AI to provide detailed, context-aware price estimates with reasoning.

## Setup (BYOK – Bring Your Own Key)

Visit Google AI Studio

Click “Get API Key” (completely free)

Copy your API key

In the tool, select PREMIUM mode

Paste your API key in the input field

Your key is stored locally (never sent to our servers)

## **Features**

Intelligent price reasoning

Upload reference images for style detection

Get explanations for price factors

API key stored locally only

## **How to Use**

Enter API key (one-time setup)

Fill in the same form as FREE mode

Optionally upload a reference image

Click “Estimate Price”

Get AI-powered estimate with detailed reasoning

## **■ AI Image Studio**

Generate and edit tattoo concepts using AI. Requires PREMIUM mode with API key.

## **Generate Tattoo Designs**

Switch to “AI Image Studio” tab

Enter a descriptive prompt (e.g., “A wolf howling at the moon”)

Choose a style preset (Photorealistic, Traditional, Japanese, etc.)

Optionally add artistic influence or negative prompts

Select aspect ratio (1:1, 16:9, 9:16)

Adjust image quality slider

Click “Generate Image”

## **Edit Images**

Upload an existing image

Enter editing instructions (e.g., “Add retro film filter”)

Click “Edit Image”

Use “Remove Background” for transparent backgrounds

## **Advanced Features**

Upscale: Increase image resolution

Variations: Generate 3 variations of any image

Use as Reference: Transfer generated images to price estimator

## **■ Find Nearby Tattoo Artists**

Locate professional tattoo artists in your area (requires location permission).

## **How to Use**

After getting a price estimate, click “Find Nearby Artists”

Grant location permission when prompted

View list of nearby tattoo studios with: Name and address Distance from your location Ratings and reviews (if available) Contact information

Name and address

Distance from your location

Ratings and reviews (if available)

Contact information

## **■ Dark Mode**

The tool supports unified dark mode that syncs across all Poli International pages.

## **How It Works**

Click the dark mode toggle (top right in Header)

Your preference is saved in localStorage

Dark mode syncs with: The embedded tool iframe Other Poli International tool pages  
WordPress pages using the same dark mode system

The embedded tool iframe

Other Poli International tool pages

WordPress pages using the same dark mode system

The tool defaults to dark mode for optimal viewing experience.

## ■ Frequently Asked Questions

### Is the tool really free?

Yes! The FREE mode is completely free with no limitations. PREMIUM mode requires a free Google Gemini API key that you can obtain at no cost.

### How accurate are the price estimates?

The FREE mode uses industry-standard formulas and provides reliable baseline estimates. The PREMIUM mode adds AI intelligence for more nuanced pricing. However, final prices always depend on the specific artist, location, and shop rates.

### Is my API key safe?

Yes! Your API key is stored only in your browser's localStorage. It's never sent to Poli International servers. The key is used directly to communicate with Google's Gemini API.

### Can I embed this tool on my website?

Absolutely! Click the "■ Copy Embed Code" button on the main tool page to get an iframe code you can paste into your website.

### Why does body placement affect price?

Some body areas (ribs, neck, hands, feet) are more difficult to tattoo due to skin sensitivity, bone structure, and movement. This increases the time and skill required, reflected in the price.

## **What's the difference between FREE and PREMIUM?**

FREE mode uses mathematical formulas for instant calculations. PREMIUM mode uses AI to analyze your specific requirements, uploaded images, and provides detailed reasoning for the estimate.

### **■ Download Documentation**

Get a PDF copy of this documentation for offline reference.

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## **Piercing Tools**

Gauge Converter

Jewelry Visualizer

Healing Tracker

Material Certification

Pain Guide

Angle Guide

## **Studio Management**

Form Builder

Studio CRM

Autoclave Calculator

Equipment Compatibility

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For more information and updates, visit:

<https://poliinternational.com/tattoo-price-estimator/>

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