

# Chemical Milling Industry Research Report 2024

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## Abstracts

Chemical milling or industrial etching is the subtractive manufacturing process of using baths of temperature-regulated etching chemicals to remove material to create an object with the desired shape. It is mostly used on metals, though other materials are increasingly important.

Photochemical machining (PCM), also known as photochemical milling or photo etching, is a chemical milling process used to fabricate sheet metal components using a photoresist and etchants to corrosively machine away selected areas. This process emerged in the 1960s as an offshoot of the printed circuit board industry.

According to APO Research, The global Chemical Milling market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Americas is the largest producer of Chemical Milling, with a market share about 45%, followed by APAC and Europe, etc. United Western Enterprises, VACCO Industries, Advanced Chemical Etching, PCM Products Inc and Tech-Etch are the top 5 manufacturers of industry, and they had about 30% combined market share.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Chemical Milling, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Chemical Milling.

The report will help the Chemical Milling manufacturers, new entrants, and industry

chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Chemical Milling market size, estimations, and forecasts are provided in terms of sales volume (K Pcs) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Chemical Milling market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Great Lakes Engineering

United Western Enterprises

VACCO Industries

Tech Met

Orbel

Veco BV

Advanced Chemical Etching

Wickeder Group

PCM Products Inc

MICRO ETCH

Tech-Etch

Precision Micro

### Chemical Milling segment by Type

Steel Alloys Chemical Etched Part

Copper Alloys Chemical Etched Part

Titanium Alloys Chemical Etched Part

Aluminum Alloys Chemical Etched Part

Others

### Chemical Milling segment by Application

Aerospace

Electronic

Medical

Automotive

Others

### Chemical Milling Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Chemical Milling market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Chemical Milling and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more

insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Chemical Milling.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Chemical Milling manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Chemical Milling by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Chemical Milling in regional level and country level. It provides a quantitative analysis of the market size and development potential of each

region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Chemical Milling by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Steel Alloys Chemical Etched Part
  - 2.2.3 Copper Alloys Chemical Etched Part
  - 2.2.4 Titanium Alloys Chemical Etched Part
  - 2.2.5 Aluminum Alloys Chemical Etched Part
  - 2.2.6 Others
- 2.3 Chemical Milling by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Aerospace
  - 2.3.3 Electronic
  - 2.3.4 Medical
  - 2.3.5 Automotive
  - 2.3.6 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Chemical Milling Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Chemical Milling Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Chemical Milling Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Chemical Milling Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS



- 3.1 Global Chemical Milling Production by Manufacturers (2019-2024)
- 3.2 Global Chemical Milling Production Value by Manufacturers (2019-2024)
- 3.3 Global Chemical Milling Average Price by Manufacturers (2019-2024)
- 3.4 Global Chemical Milling Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Chemical Milling Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Chemical Milling Manufacturers, Product Type & Application
- 3.7 Global Chemical Milling Manufacturers, Date of Enter into This Industry
- 3.8 Global Chemical Milling Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

- 4.1 Great Lakes Engineering
  - 4.1.1 Great Lakes Engineering Chemical Milling Company Information
  - 4.1.2 Great Lakes Engineering Chemical Milling Business Overview
  - 4.1.3 Great Lakes Engineering Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.1.4 Great Lakes Engineering Product Portfolio
  - 4.1.5 Great Lakes Engineering Recent Developments
- 4.2 United Western Enterprises
  - 4.2.1 United Western Enterprises Chemical Milling Company Information
  - 4.2.2 United Western Enterprises Chemical Milling Business Overview
  - 4.2.3 United Western Enterprises Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.2.4 United Western Enterprises Product Portfolio
  - 4.2.5 United Western Enterprises Recent Developments
- 4.3 VACCO Industries
  - 4.3.1 VACCO Industries Chemical Milling Company Information
  - 4.3.2 VACCO Industries Chemical Milling Business Overview
  - 4.3.3 VACCO Industries Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.3.4 VACCO Industries Product Portfolio
  - 4.3.5 VACCO Industries Recent Developments
- 4.4 Tech Met
  - 4.4.1 Tech Met Chemical Milling Company Information
  - 4.4.2 Tech Met Chemical Milling Business Overview
  - 4.4.3 Tech Met Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.4.4 Tech Met Product Portfolio

- 4.4.5 Tech Met Recent Developments
- 4.5 Orbel
  - 4.5.1 Orbel Chemical Milling Company Information
  - 4.5.2 Orbel Chemical Milling Business Overview
  - 4.5.3 Orbel Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.5.4 Orbel Product Portfolio
  - 4.5.5 Orbel Recent Developments
- 4.6 Veco BV
  - 4.6.1 Veco BV Chemical Milling Company Information
  - 4.6.2 Veco BV Chemical Milling Business Overview
  - 4.6.3 Veco BV Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.6.4 Veco BV Product Portfolio
  - 4.6.5 Veco BV Recent Developments
- 4.7 Advanced Chemical Etching
  - 4.7.1 Advanced Chemical Etching Chemical Milling Company Information
  - 4.7.2 Advanced Chemical Etching Chemical Milling Business Overview
  - 4.7.3 Advanced Chemical Etching Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.7.4 Advanced Chemical Etching Product Portfolio
  - 4.7.5 Advanced Chemical Etching Recent Developments
- 4.8 Wickedder Group
  - 4.8.1 Wickedder Group Chemical Milling Company Information
  - 4.8.2 Wickedder Group Chemical Milling Business Overview
  - 4.8.3 Wickedder Group Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.8.4 Wickedder Group Product Portfolio
  - 4.8.5 Wickedder Group Recent Developments
- 4.9 PCM Products Inc
  - 4.9.1 PCM Products Inc Chemical Milling Company Information
  - 4.9.2 PCM Products Inc Chemical Milling Business Overview
  - 4.9.3 PCM Products Inc Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)
  - 4.9.4 PCM Products Inc Product Portfolio
  - 4.9.5 PCM Products Inc Recent Developments
- 4.10 MICRO ETCH
  - 4.10.1 MICRO ETCH Chemical Milling Company Information
  - 4.10.2 MICRO ETCH Chemical Milling Business Overview

4.10.3 MICRO ETCH Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)

4.10.4 MICRO ETCH Product Portfolio

4.10.5 MICRO ETCH Recent Developments

4.11 Tech-Etch

4.11.1 Tech-Etch Chemical Milling Company Information

4.11.2 Tech-Etch Chemical Milling Business Overview

4.11.3 Tech-Etch Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)

4.11.4 Tech-Etch Product Portfolio

4.11.5 Tech-Etch Recent Developments

4.12 Precision Micro

4.12.1 Precision Micro Chemical Milling Company Information

4.12.2 Precision Micro Chemical Milling Business Overview

4.12.3 Precision Micro Chemical Milling Production Capacity, Value and Gross Margin (2019-2024)

4.12.4 Precision Micro Product Portfolio

4.12.5 Precision Micro Recent Developments

## **5 GLOBAL CHEMICAL MILLING PRODUCTION BY REGION**

5.1 Global Chemical Milling Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.2 Global Chemical Milling Production by Region: 2019-2030

5.2.1 Global Chemical Milling Production by Region: 2019-2024

5.2.2 Global Chemical Milling Production Forecast by Region (2025-2030)

5.3 Global Chemical Milling Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Chemical Milling Production Value by Region: 2019-2030

5.4.1 Global Chemical Milling Production Value by Region: 2019-2024

5.4.2 Global Chemical Milling Production Value Forecast by Region (2025-2030)

5.5 Global Chemical Milling Market Price Analysis by Region (2019-2024)

5.6 Global Chemical Milling Production and Value, YOY Growth

5.6.1 North America Chemical Milling Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Chemical Milling Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Chemical Milling Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL CHEMICAL MILLING CONSUMPTION BY REGION**

6.1 Global Chemical Milling Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Chemical Milling Consumption by Region (2019-2030)

6.2.1 Global Chemical Milling Consumption by Region: 2019-2030

6.2.2 Global Chemical Milling Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Chemical Milling Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Chemical Milling Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Chemical Milling Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Chemical Milling Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Chemical Milling Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Chemical Milling Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Chemical Milling Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Chemical Milling Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

- 6.6.5 Turkey
- 6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

- 7.1 Global Chemical Milling Production by Type (2019-2030)
  - 7.1.1 Global Chemical Milling Production by Type (2019-2030) & (K Pcs)
  - 7.1.2 Global Chemical Milling Production Market Share by Type (2019-2030)
- 7.2 Global Chemical Milling Production Value by Type (2019-2030)
  - 7.2.1 Global Chemical Milling Production Value by Type (2019-2030) & (US\$ Million)
  - 7.2.2 Global Chemical Milling Production Value Market Share by Type (2019-2030)
- 7.3 Global Chemical Milling Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

- 8.1 Global Chemical Milling Production by Application (2019-2030)
  - 8.1.1 Global Chemical Milling Production by Application (2019-2030) & (K Pcs)
  - 8.1.2 Global Chemical Milling Production by Application (2019-2030) & (K Pcs)
- 8.2 Global Chemical Milling Production Value by Application (2019-2030)
  - 8.2.1 Global Chemical Milling Production Value by Application (2019-2030) & (US\$ Million)
  - 8.2.2 Global Chemical Milling Production Value Market Share by Application (2019-2030)
- 8.3 Global Chemical Milling Price by Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

- 9.1 Chemical Milling Value Chain Analysis
  - 9.1.1 Chemical Milling Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Chemical Milling Production Mode & Process
- 9.2 Chemical Milling Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Chemical Milling Distributors
  - 9.2.3 Chemical Milling Customers

## **10 GLOBAL CHEMICAL MILLING ANALYZING MARKET DYNAMICS**

- 10.1 Chemical Milling Industry Trends

10.2 Chemical Milling Industry Drivers

10.3 Chemical Milling Industry Opportunities and Challenges

10.4 Chemical Milling Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

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