

## **Europe Nano Milling Equipment Market- Industry Trends and Forecast to 2030**

Market Report | 2023-09-01 | 163 pages | Data Bridge Market Research

### **AVAILABLE LICENSES:**

- Single User License \$3500.00
- Corporate Users License \$4200.00

### **Report description:**

The Europe nano milling equipment market is expected to reach USD 597,868.73 thousand by 2030, from USD 399,210.48 thousand in 2022, growing at a CAGR of 5.3% in the forecast period of 2023 to 2030.

#### Market Segmentation

Europe Nano Milling Equipment Market, By Type (Ball Mills, Bead Mills, Jet Mills, and Others), Milling Machine (Less Than 50 nm and More Than 50 nm), Motor Output Power (More Than 150 Watt and Less Than 150 Watt), Feed Dimension (More Than 6 mm and Less Than 6 mm), Weight (More Than 100 Kg and Less Than 100 Kg), End User (Pharmaceuticals, Cosmetics, Chemicals, Industrial, and Others), Country (U.K., France, Italy, Spain, Turkey, Russia, Netherlands, Belgium, Switzerland, Poland, Sweden, Denmark, Norway, Finland, and rest of Europe)- Industry Trends and Forecast to 2030

#### Overview of Europe Nano Milling Equipment Market Dynamics

##### Driver

- Growing demand for miniaturization in semiconductor

##### Restraint

- Development in EBL and laser micromachining

##### Opportunity

- Rapid advancement in nanotechnology

#### Market Players

Some of the major players operating in the Europe nano milling equipment market are:

- NETZSCH-Feinmahltechnik GmbH

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- Retsch GmbH
- Willy A. Bachofen AG
- S3 Process Limited
- Kern Microtechnik GmbH
- Buhler AG
- Hosokawa Micron Group
- VMA-GETZMANN GMBH
- Glen Mills, Inc.
- FRANLI
- THINKY
- Fritsch GmbH
- IDEX
- Microtron International Ltd.
- FANUC CORPORATION

## **Table of Contents:**

TABLE OF CONTENTS	
1 INTRODUCTION	19
1.1 OBJECTIVES OF THE STUDY	19
1.2 MARKET DEFINITION	19
1.3 OVERVIEW OF THE EUROPE NANO MILLING EQUIPMENT MARKET	19
1.4 CURRENCY AND PRICING	21
1.5 LIMITATIONS	21
1.6 MARKETS COVERED	21
2 MARKET SEGMENTATION	24
2.1 MARKETS COVERED	24
2.2 YEARS CONSIDERED FOR THE STUDY	25
2.3 GEOGRAPHIC SCOPE	25
2.4 DBMR TRIPOD DATA VALIDATION MODEL	26
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	29
2.6 DBMR MARKET POSITION GRID	30
2.7 MARKET END-USE COVERAGE GRID	32
2.8 MULTIVARIATE MODELLING	33
2.9 DELIVERY MODE CURVE	34
2.10 SECONDARY SOURCES	35
2.11 ASSUMPTIONS	35
3 EXECUTIVE SUMMARY	36
4 PREMIUM INSIGHTS	39
5 MARKET OVERVIEW	40
5.1 DRIVERS	42
5.1.1 GROWING DEMAND FOR MINIATURIZATION IN SEMICONDUCTOR	42
5.1.2 CONTINUOUS ADVANCEMENT IN NANO MILLING EQUIPMENT	43
5.1.3 INCREASING DEMAND FOR NANOSCALE MANUFACTURING	44
5.1.4 EXPANSION OF NANOMEDICINE AND PHARMACEUTICAL INDUSTRIES	45
5.2 RESTRAINTS	46
5.2.1 HIGH COST ASSOCIATED WITH NANO MILLING EQUIPMENTS	46

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

5.2.2 DEVELOPMENT IN EBL AND LASER MICROMACHINING	47
5.3 OPPORTUNITIES	48
5.3.1 RAPID ADVANCEMENT IN NANOTECHNOLOGY	48
5.3.2 GROWING DEMAND FOR CUSTOMIZED NANOSTRUCTURE AND SURFACE FUNCTIONALIZATION	49
5.3.3 INCREASING PARTNERSHIP, ACQUISITION, AND EXPANSION BY MARKET PLAYERS	50
5.4 CHALLENGES	51
5.4.1 LACK OF STANDARDIZATION	51
5.4.2 COMPLEX OPERATIONAL REQUIREMENTS ASSOCIATED WITH NANO MILLING	52
6 EUROPE NANO MILLING EQUIPMENT MARKET, BY TYPE	53
6.1 OVERVIEW	54
6.2 BALL MILLS	55
6.3 BEAD MILLS	56
6.3.1 DISC TYPE	56
6.3.2 TURBO TYPE	56
6.3.3 PIN TYPE	56
6.3.4 OTHERS	57
6.4 JET MILLS	57
6.5 OTHERS	57
7 EUROPE NANO MILLING EQUIPMENT MARKET, BY MILLING MACHINES	58
7.1 OVERVIEW	59
7.2 LESS THAN 50 NM	60
7.3 MORE THAN 50 NM	60
8 EUROPE NANO MILLING EQUIPMENT MARKET, BY MOTOR OUTPUT POWER	61
8.1 OVERVIEW	62
8.2 MORE THAN 150 WATT	63
8.3 LESS THAN 150 WATT	63
9 EUROPE NANO MILLING EQUIPMENT MARKET, BY FEED DIMENSION	64
9.1 OVERVIEW	65
9.2 MORE THAN 6MM	66
9.3 LESS THAN 6MM	67
10 EUROPE NANO MILLING EQUIPMENT MARKET, BY WEIGHT	68
10.1 OVERVIEW	69
10.2 MORE THAN 100 KG	70
10.3 LESS THAN 100 KG	71?
11 EUROPE NANO MILLING EQUIPMENT MARKET, BY END USE	72
11.1 OVERVIEW	73
11.2 PHARMACEUTICALS	74
11.2.1 BALL MILLS	75
11.2.2 BEAD MILLS	75
11.2.2.1 DISC TYPE	75
11.2.2.2 TURBO TYPE	75
11.2.2.3 PIN TYPE	75
11.2.2.4 OTHERS	75
11.2.3 JET MILLS	76
11.2.4 OTHERS	76
11.3 COSMETICS	76
11.3.1 BALL MILLS	76

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

11.3.2 BEAD MILLS	77
11.3.2.1 DISC TYPE	77
11.3.2.2 TURBO TYPE	77
11.3.2.3 PIN TYPE	77
11.3.2.4 OTHERS	77
11.3.3 JET MILLS	77
11.3.4 OTHERS	77
11.4 CHEMICALS	78
11.4.1 BALL MILLS	79
11.4.2 BEAD MILLS	79
11.4.2.1 DISC TYPE	79
11.4.2.2 TURBO TYPE	79
11.4.2.3 PIN TYPE	80
11.4.2.4 OTHERS	80
11.4.3 JET MILLS	80
11.4.4 OTHERS	80
11.5 INDUSTRIAL	80
11.5.1 BALL MILLS	81
11.5.2 BEAD MILLS	81
11.5.2.1 DISC TYPE	81
11.5.2.2 TURBO TYPE	81
11.5.2.3 PIN TYPE	81
11.5.2.4 OTHERS	81
11.5.3 JET MILLS	81
11.5.4 OTHERS	82
11.6 OTHERS	82
12 EUROPE NANO MILLING EQUIPMENT MARKET, BY COUNTRY	83
12.1 EUROPE	83
12.1.1 GERMANY	91
12.1.2 U.K.	95
12.1.3 FRANCE	99
12.1.4 ITALY	103
12.1.5 SPAIN	107
12.1.6 RUSSIA	111
12.1.7 SWITZERLAND	115
12.1.8 NETHERLANDS	119
12.1.9 BELGIUM	123
12.1.10 TURKEY	127
12.1.11 REST OF EUROPE	131
13 EUROPE NANO MILLING EQUIPMENT MARKET, COMPANY LANDSCAPE	132
13.1 COMPANY SHARE ANALYSIS: EUROPE	132
14 SWOT ANALYSIS	133
15 COMPANY PROFILES	134
15.1 BUHLER AG	134
15.1.1 COMPANY SNAPSHOT	134
15.1.2 SOLUTION PORTFOLIO	134
15.1.3 RECENT DEVELOPMENTS	134

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

15.2	WILLY A. BACHOFEN AG	136
15.2.1	COMPANY SNAPSHOT	136
15.2.2	PRODUCT PORTFOLIO	136
15.2.3	RECENT DEVELOPMENT	136
15.3	HOSOKAWA ALPINE GROUP	137
15.3.1	COMPANY SNAPSHOT	137
15.3.2	PRODUCT PORTFOLIO	137
15.3.3	RECENT DEVELOPMENTS	137
15.4	KERN MICROTECHNIK GMBH	139
15.4.1	COMPANY SNAPSHOT	139
15.4.2	PRODUCT PORTFOLIO	139
15.4.3	RECENT DEVELOPMENTS	140
15.5	FANUC CORPORATION	142
15.5.1	COMPANY SNAPSHOT	142
15.5.2	REVENUE ANALYSIS	142
15.5.3	PRODUCT PORTFOLIO	143
15.5.4	RECENT DEVELOPMENTS	143
15.6	MOORE NANOTECHNOLOGY SYSTEMS, LLC	144
15.6.1	COMPANY SNAPSHOT	144
15.6.2	PRODUCT PORTFOLIO	144
15.6.3	RECENT DEVELOPMENT	144
15.7	FRITSCH GMBH	145
15.7.1	COMPANY SNAPSHOT	145
15.7.2	PRODUCT PORTFOLIO	145
15.7.3	RECENT DEVELOPMENTS	146
15.8	IDEX	148
15.8.1	COMPANY SNAPSHOT	148
15.8.2	PRODUCT PORTFOLIO	148
15.8.3	RECENT DEVELOPMENT	148
15.9	MICROTRON INTERNATIONAL LTD	149
15.9.1	COMPANY SNAPSHOT	149
15.9.2	PRODUCT PORTFOLIO	149
15.9.3	RECENT DEVELOPMENT	149
15.10	NETZSCH-FEINMAHLTECHNIK GMBH	150
15.10.1	COMPANY SNAPSHOT	150
15.10.2	PRODUCT PORTFOLIO	150
15.10.3	RECENT DEVELOPMENTS	150
15.11	PUHLER (GUANGDONG) SMART NANO TECHNOLOGY CO., LTD.	151
15.11.1	COMPANY SNAPSHOT	151
15.11.2	PRODUCT PORTFOLIO	151
15.11.3	RECENT DEVELOPMENTS	151
15.12	RETSCH GMBH	153
15.12.1	COMPANY SNAPSHOT	153
15.12.2	PRODUCT PORTFOLIO	153
15.12.3	RECENT DEVELOPMENTS	153
15.13	S3 PROCESS LIMITED	155
15.13.1	COMPANY SNAPSHOT	155

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

15.13.2	PRODUCT PORTFOLIO	155
15.13.3	RECENT DEVELOPMENTS	156
15.14	SHANGHAI ELE MECHANICAL AND ELECTRICAL EQUIPMENT CO., LTD	157
15.14.1	COMPANY SNAPSHOT	157
15.14.2	PRODUCT PORTFOLIO	157
15.14.3	RECENT DEVELOPMENTS	157
15.15	VMA-GETZMANN GMBH	158
15.15.1	COMPANY SNAPSHOT	158
15.15.2	PRODUCT PORTFOLIO	158
15.15.3	RECENT DEVELOPMENTS	158
16	QUESTIONNAIRE	160
17	RELATED REPORTS	163

## Europe Nano Milling Equipment Market- Industry Trends and Forecast to 2030

Market Report | 2023-09-01 | 163 pages | Data Bridge Market Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

### ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-12"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com