

North America Samarium Cobalt Magnets Market

Market Report | 2025-12-01 | 350 pages | Data Bridge Market Research

AVAILABLE LICENSES:

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

Report description:

North America samarium cobalt magnets market is expected to reach USD 157.85 million by 2033 from USD 102.11 million in 2025, growing at a substantial CAGR of 5.7% in the forecast period of 2026 to 2033.

Market Segmentation:

North America Samarium Cobalt Magnets Market Segmentation, By Type (Sm₂Co₁₇ (2:17 Group) and Sm₁Co₅ (1:5 Group)), Grade (Standard, High-Temperature Grade, High-Energy Grade, High-Coercivity Grade, Low-Temperature Grade, and Others), Shape (Arcs / Segments, Rings, Blocks, Discs, Cylinders / Rods, Custom, Powders, and Others), Remanence (BR) (10-11 kg, 9-10 kg, Up to 9 kg, and Above 11 kg), Operating Temperature (100-250 C, 250-350 C, Up to 100 C, and Above 350 C), Magnetization (Axially Magnetized, Diametrically Magnetized, Multi-pole, and Radially Magnetized), Coating (Nickel Plating, Epoxy Coating, Polymer Overmoulding, Electroless Plating, Passivation / Chemical Treatments, and Others), Time Horizon (8-15 Years, Above 15 Years, 4-7 Years, and 1-3 Years), Application (Aerospace & Defense, Industrial Manufacturing, Energy & Power Generation, Oil & Gas / Mining, Automotive, Marine, Healthcare & Medical Devices, Consumer Electronics, Research Institutions, and Others), Sales Channel (Direct (OEM) and Aftermarket), Country (U.S., Canada, Mexico) - Industry Trends and Forecast to 2033

Overview of the North America Samarium Cobalt Magnets Market are:

Drivers

- Exceptional high-temperature performance of SMCO magnets
- Superior corrosion and demagnetization resistance of SMCO magnets
- Miniaturization and high energy density requirements
- Increased adoption in turbo machinery, high-speed motors, and electric vehicles

Restraints

- Raw-material price volatility
- Competition from lower-cost NdFeB and ferrite magnets

Opportunities

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Advances in recycling and secondary sourcing□
- Materials and process research & development for samarium cobalt magnets□
- Strategic stockpiling of critical minerals by governments□

Market Players:

The key market players for North America samarium cobalt magnets market are listed below:

- Xiamen Linkup Magnet Co., Ltd.
- Ningbo Mag Spring Magnetics Ltd.
- Adams Magnetic Products, LLC
- Eclipse Magnetics
- Magna Co., Ltd
- Arnold Magnetic Technologies
- Mianyang Hengxin Magnetic Material Co., Ltd.
- Hangzhou Permanent Magnet Group Co., Ltd
- Electron Energy Corporation
- R Strong Magnet
- Jai-Mag Industries
- RARE EARTH MAGNETICS
- Sonal Magnetics
- A TO Z MAGNET MFG.CO
- Exotic Sourcing Solutions
- Integrated Magnetics
- Ningbo Ninggang Permanent Magnetic Materials Co., Ltd.
- Anhui Astromagnet Co.,Ltd
- VACUUMSCHMELZE GmbH & Co. KG
- Dura Magnetics
- Bunting Magnetics
- TOKIN Corporation
- TyTek Group
- MASTER MAGNETICS, Inc.
- The Samarium Magnet Co

Table of Contents:

TABLE OF CONTENTS	
1□INTRODUCTION□	102
1.1□OBJECTIVES OF THE STUDY□	102
1.2□MARKET DEFINITION□	102
1.3□OVERVIEW OF NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET□	102
1.4□CURRENCY AND PRICING□	105
1.5□LIMITATIONS□	105
1.6□MARKETS COVERED□	105
2□MARKET SEGMENTATION□	113
2.1□MARKETS COVERED□	113
2.2□GEOGRAPHICAL SCOPE□	114

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

2.3	YEARS CONSIDERED FOR THE STUDY	115
2.4	DBMR TRIPOD DATA VALIDATION MODEL	116
2.5	PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	119
2.6	DBMR MARKET POSITION GRID	120
2.7	VENDOR SHARE ANALYSIS	122
2.8	MULTIVARIATE MODELING	123
2.9	OPERATING TEMPERATURE TIMELINE CURVE	124
2.10	MARKET APPLICATION COVERAGE GRID	125
2.11	SECONDARY SOURCES	126
2.12	ASSUMPTIONS	126
3	EXECUTIVE SUMMARY	127
4	PREMIUM INSIGHTS	133
4.1	PORTER FIVE FORCE ANALYSIS	136
4.2	BRAND OUTLOOK	137
4.2.1	BRAND COMPARATIVE ANALYSIS	137
4.2.2	COMPANY VS BRAND OVERVIEW	138
4.3	PROCESS INTEGRATION ANALYSIS	139
4.3.1	SUPPLY CHAIN ROLE CLASSIFICATION	139
4.3.1.1	TRADER / DISTRIBUTOR	139
4.3.1.2	MAGNET-ONLY PRODUCER	139
4.3.1.3	ALLOY & POWDER PRODUCER (GRINDING & MIXING)	140
4.3.1.4	RARE EARTH EXTRACTOR / MINER	140
4.3.1.5	VERTICALLY INTEGRATED PLAYERS	140
4.3.2	DEGREE OF VERTICAL INTEGRATION	141
4.3.2.1	NUMBER OF VALUE CHAIN STAGES	141
4.3.2.2	STRATEGIC ADVANTAGES / RISKS	141
4.4	SUPPLIER LANDSCAPE	142
4.4.1	SUPPLY CHAIN ANALYSIS	142
4.4.1.1	ROLE OF LOGISTIC PROVIDERS	143
4.4.1.2	COST SCENARIO ACROSS STAKEHOLDERS	143
4.4.2	SUPPLIER RISK & OPPORTUNITY ASSESSMENT	144
4.4.2.1	SUPPLY RELIABILITY & CAPACITY	144
4.4.2.1.1	PRODUCTION CAPACITY	144
4.4.2.1.2	LEAD TIMES	144
4.4.2.1.3	SCALABILITY	145
4.4.2.2	GEOPOLITICAL & ORIGIN RISKS	145
4.4.2.2.1	DEPENDENCY ON CHINA	145
4.4.2.2.2	DIVERSIFICATION OPTIONS	145
4.4.2.3	PREFERRED SUPPLIER SHORTLIST	146
4.4.2.3.1	RECOMMENDED PARTNERS	146
4.4.2.3.2	RISK MITIGATION STRATEGIES	146
4.5	SUPPLY CHAIN ANALYSIS	147
4.5.1	RAW MATERIAL SOURCING	147
4.5.2	PROCESSING AND SEPARATION	147
4.5.3	MANUFACTURING STAGES	148
4.5.4	DISTRIBUTION & LOGISTIC	148
4.5.5	END-USER INTEGRATION	148

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4.5.6	RISKS AND MITIGATION	149
4.6	TECHNICAL ADVANCEMENT	150
4.7	CONSUMER BUYING BEHAVIOUR	152
4.7.1	GROUP 1 AEROSPACE & DEFENSE GRADE BUYERS	152
4.7.2	GROUP 2 ADVANCED INDUSTRIAL MACHINERY MANUFACTURERS	152
4.7.3	GROUP 3 ELECTRIC MOBILITY AND EV MOTOR MANUFACTURERS	152
4.7.4	GROUP 4 SPECIALIZED RESEARCH, MILITARY R&D, AND SPACE APPLICATION USERS	153
4.7.5	GROUP 5 INDUSTRIAL TOOLING AND GENERAL MANUFACTURING	153
4.7.6	SMALL WORKSHOPS, DISTRIBUTORS, AND TRADING BUYERS	153
4.8	COST ANALYSIS BREAKDOWN	154
4.8.1	RAW MATERIAL COSTS (SAMARIUM, COBALT, ALLOYS)	154
4.8.2	ALLOYING, MELTING & POWDER PRODUCTION	154
4.8.3	SINTERING & MAGNETIC MICROSTRUCTURE FORMATION	154
4.8.4	MACHINING, GRINDING, COATING & FINISHING	154
4.8.5	MAGNETIZING, STABILIZATION & FINAL TESTING	154
4.8.6	YIELD LOSSES, SCRAP & REWORK	154
4.8.7	LABOR, UTILITIES & FACTORY OVERHEAD	154
4.8.8	EQUIPMENT DEPRECIATION & CAPITAL RECOVERY	155
4.8.9	PACKAGING, TRANSPORT, DUTIES & COMPLIANCE	155
4.8.10	R&D, CERTIFICATION & ADMINISTRATIVE COSTS	155
4.9	INNOVATION TRACKER AND STRATEGIC ANALYSIS	156
4.9.1	MAJOR DEALS AND STRATEGIC ALLIANCES ANALYSIS	156
4.9.1.1	JOINT VENTURES	156
4.9.1.2	MERGERS AND ACQUISITIONS	156
4.9.1.3	LICENSING AND PARTNERSHIP AGREEMENTS	156
4.9.1.4	TECHNOLOGY COLLABORATIONS	157
4.9.1.5	STRATEGIC DIVESTMENTS	157
4.9.2	NUMBER OF PRODUCTS IN DEVELOPMENT	158
4.9.3	STAGE OF DEVELOPMENT	158
4.9.4	TIMELINES AND MILESTONES	158
4.9.5	INNOVATION STRATEGIES AND METHODOLOGIES	159
4.9.6	RISK ASSESSMENT AND MITIGATION	159
4.9.7	FUTURE OUTLOOK	160
4.10	PRICING ANALYSIS	162
4.11	PROFIT MARGINS SCENARIO	163
4.11.1	RAW MATERIAL-DRIVEN MARGIN PRESSURE	163
4.11.2	HIGHER PROFIT MARGINS IN SPECIALTY GRADES	163
4.11.3	STABLE MARGINS DUE TO LIMITED NORTH AMERICA COMPETITION	163
4.11.4	STRONG MARGINS IN DEFENSE & AEROSPACE APPLICATIONS	163
4.11.5	LOWER MARGINS IN STANDARD INDUSTRIAL APPLICATIONS	163
4.11.6	IMPROVED MARGINS THROUGH VALUE-ADDED PROCESSING	163
4.11.7	PROFITABILITY IMPACTED BY ENERGY AND PROCESSING COSTS	163
4.11.8	RECYCLING AND SCRAP RECOVERY IMPROVE MARGINS	163
4.11.9	LONG-TERM SUPPLY CONTRACTS SUPPORT MARGIN STABILITY	164
4.12	RAW MATERIAL COVERAGE	165
4.12.1	SAMARIUM	165
4.12.2	COBALT	165

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4.12.3	IRON	166
4.12.4	COPPER	166
4.12.5	ZIRCONIUM	166
4.13	RAW MATERIAL ORIGIN MAPPING	167
4.13.1	SOURCE OF RARE EARTH ELEMENTS	167
4.13.1.1	CHINA-BASED SOURCING	167
4.13.1.2	NON-CHINA SOURCING	167
4.13.1.3	MIXED ORIGIN	168
4.13.2	VERIFICATION OF ORIGIN	168
4.13.2.1	SUPPLIER DECLARATIONS & CERTIFICATES	168
4.13.2.2	CUSTOMS/TRADE DATA	169
4.13.2.3	THIRD-PARTY AUDITS	169
4.13.2.4	EVIDENCE LEVEL (A-D SCALE)	169
4.14	VALUE CHAIN ANALYSIS	170
4.14.1	RAW MATERIAL EXTRACTION	170
4.14.2	PROCESSING AND SEPARATION	170
4.14.3	ALLOYING AND MAGNET MANUFACTURING	171
4.14.4	DOWNSTREAM APPLICATIONS AND RECYCLING	171
4.15	VENDOR SELECTION CRITERIA	172
4.15.1	QUALITY ASSURANCE	172
4.15.2	MANUFACTURING CAPABILITIES	173
4.15.3	SUPPLY CHAIN RELIABILITY	173
4.15.4	COST AND INNOVATION	173
4.15.5	TECHNICAL SUPPORT	174
5	TARIFFS & IMPACT ON THE MARKET	175
5.1	CURRENT TARIFF RATES IN TOP-5 COUNTRY MARKETS	175
5.2	OUTLOOK: LOCAL PRODUCTION V/S IMPORT RELIANCE	175
5.3	VENDOR SELECTION CRITERIA DYNAMICS	175
5.4	IMPACT ON SUPPLY CHAIN	176
5.4.1	RAW MATERIAL PROCUREMENT	176
5.4.2	MANUFACTURING AND PRODUCTION	176
5.4.3	LOGISTICS AND DISTRIBUTION	176
5.4.3.1	PRICE PITCHING AND POSITION OF MARKET	176
5.5	INDUSTRY PARTICIPANTS: PROACTIVE MOVES	176
5.5.1	SUPPLY CHAIN OPTIMIZATION	176
5.5.2	JOINT VENTURE ESTABLISHMENTS	176
5.6	IMPACT ON PRICES	177
5.7	REGULATORY INCLINATION	177
5.7.1	GEOPOLITICAL SITUATION	177
5.7.2	TRADE PARTNERSHIP BETWEEN THE COUNTRIES	177
5.7.2.1	FREE TRADE AGREEMENTS (FTAS)	177
5.7.2.2	ALLIANCES ESTABLISHMENTS	177
5.7.3	STATUS ACCREDITATION (INCLUDING MFN)	177
5.7.4	DOMESTIC COURSE OF CORRECTION	177
5.7.4.1	INCENTIVE SCHEMES TO BOOST PRODUCTION OUTPUTS	177
5.7.4.2	ESTABLISHMENT OF SPECIAL ECONOMIC ZONES/INDUSTRIAL PARKS	178
6	REGULATION COVERAGE	179

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

6.1	INTRODUCTION	179
6.2	PRODUCT CODES	179
6.3	CERTIFIED STANDARDS	180
6.4	SAFETY STANDARDS	180
6.4.1	MATERIAL HANDLING & STORAGE	180
6.4.2	TRANSPORT & PRECAUTIONS	181
6.4.3	HAZARD IDENTIFICATION	182
6.4.3.1	CHEMICAL/HEALTH HAZARDS (GHS)	182
6.4.3.2	PHYSICAL/TRANSPORT HAZARDS (NON-GHS)	182
7	MARKET OVERVIEW	183
7.1	DRIVERS	185
7.1.1	EXCEPTIONAL HIGH-TEMPERATURE PERFORMANCE OF SMCO MAGNETS	185
7.1.2	SUPERIOR CORROSION AND DEMAGNETIZATION RESISTANCE OF SMCO MAGNETS	186
7.1.3	MINIATURIZATION AND HIGH ENERGY DENSITY REQUIREMENTS	187
7.1.4	INCREASED ADOPTION IN TURBO MACHINERY, HIGH-SPEED MOTORS, AND ELECTRIC VEHICLES	188
7.2	RESTRAINTS	189
7.2.1	RAW-MATERIAL PRICE VOLATILITY	189
7.2.2	COMPETITION FROM LOWER-COST NDFEB AND FERRITE MAGNETS	190
7.3	OPPORTUNITIES	191
7.3.1	ADVANCES IN RECYCLING AND SECONDARY SOURCING	191
7.3.2	MATERIALS AND PROCESS RESEARCH & DEVELOPMENT FOR SAMARIUM COBALT MAGNETS	192
7.3.3	STRATEGIC STOCKPILING OF CRITICAL MINERALS BY GOVERNMENTS	192
7.4	CHALLENGES	194
7.4.1	GEOPOLITICAL EXPORT CONTROLS AND POLICY SHIFTS	194
7.4.2	TECHNICAL HANDLING AND YIELD CONSTRAINTS RELATED TO SMCO	195
8	NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY TYPE	196
8.1	OVERVIEW	197
8.1.1	SM2CO17 (2:17 GROUP)	198
8.1.2	SM1CO5 (1:5 GROUP)	198
8.2	NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (KG)	198
8.2.1	SM2CO17 (2:17 GROUP)	198
8.2.2	SM1CO5 (1:5 GROUP)	199
8.3	NORTH AMERICA SM2CO17 (2:17 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND)	199
8.3.1	SMCO28M	200
8.3.2	SMCO30M	200
8.3.3	SMCO26M	200
8.3.4	SMCO30	200
8.3.5	SMCO28	200
8.3.6	SMCO26	200
8.3.7	SMCO32M	200
8.3.8	SMCO32	200
8.3.9	SMCO26H	201
8.3.10	SMCO28H	201
8.3.11	SMCO30H	201
8.3.12	SMCO24H	201
8.3.13	SMCO26L	201
8.3.14	SMCO28L	201

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

8.3.15□SMCO24L□201
8.3.16□SMCO30L□201
8.3.17□SMCO32L□201
8.4□NORTH AMERICA SM2CO17 (2:17 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (KG)□202
8.4.1□SMCO28M□202
8.4.2□SMCO30M□203
8.4.3□SMCO26M□203
8.4.4□SMCO30□203
8.4.5□SMCO28□203
8.4.6□SMCO26□203
8.4.7□SMCO32M□203
8.4.8□SMCO32□203
8.4.9□SMCO26H□203
8.4.10□SMCO28H□203
8.4.11□SMCO30H□204
8.4.12□SMCO24H□204
8.4.13□SMCO26L□204
8.4.14□SMCO28L□204
8.4.15□SMCO24L□204
8.4.16□SMCO30L□204
8.4.17□SMCO32L□204
8.5□NORTH AMERICA SM2CO17 (2:17 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)□204
8.5.1□ASIA-PACIFIC□205
8.5.2□NORTH AMERICA□205
8.5.3□EUROPE□205
8.5.4□SOUTH AMERICA□205
8.5.5□MIDDLE EAST & AFRICA□205
8.6□NORTH AMERICA SM2CO17 (2:17 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (KG)□206
8.6.1□ASIA-PACIFIC□206
8.6.2□NORTH AMERICA□206
8.6.3□EUROPE□206
8.6.4□SOUTH AMERICA□206
8.6.5□MIDDLE EAST & AFRICA□207
8.7□NORTH AMERICA SM1CO5 (1:5 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND)□207
8.7.1□SMCO16□207
8.7.2□SMCO18□207
8.7.3□SMCO20□208
8.7.4□SMCO22□208
8.7.5□SMCO24□208
8.7.6□SMCO18S□208
8.7.7□SMCO20S□208
8.7.8□SMCO22S□208
8.8□NORTH AMERICA SM1CO5 (1:5 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (KG)□208
8.8.1□SMCO16□209
8.8.2□SMCO18□209
8.8.3□SMCO20□209

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

8.8.4 □SMCO22 □209

8.8.5 □SMCO24 □209

8.8.6 □SMCO18S □210

8.8.7 □SMCO20S □210

8.8.8 □SMCO22S □210

8.9 □NORTH AMERICA SM1CO5 (1:5 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □210

8.9.1 □ASIA-PACIFIC □210

8.9.2 □NORTH AMERICA □211

8.9.3 □EUROPE □211

8.9.4 □SOUTH AMERICA □211

8.9.5 □MIDDLE EAST & AFRICA □211

8.10 □NORTH AMERICA SM1CO5 (1:5 GROUP) IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (KG) □211

8.10.1 □ASIA-PACIFIC □212

8.10.2 □NORTH AMERICA □212

8.10.3 □EUROPE □212

8.10.4 □SOUTH AMERICA □212

8.10.5 □MIDDLE EAST & AFRICA □212

9 □NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY GRADE □213

9.1 □OVERVIEW □214

9.2 □NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY GRADE, 2018-2033 (USD THOUSAND) □215

9.2.1 □STANDARD □215

9.2.2 □HIGH-TEMPERATURE GRADE □215

9.2.3 □HIGH-ENERGY GRADE □215

9.2.4 □HIGH-COERCIVITY GRADE □215

9.2.5 □LOW-TEMPERATURE GRADE □216

9.2.6 □OTHERS □216

9.3 □NORTH AMERICA STANDARD IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □216

9.3.1 □ASIA-PACIFIC □216

9.3.2 □NORTH AMERICA □216

9.3.3 □EUROPE □217

9.3.4 □SOUTH AMERICA □217

9.3.5 □MIDDLE EAST & AFRICA □217

9.4 □NORTH AMERICA HIGH-TEMPERATURE GRADE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □217

9.4.1 □ASIA-PACIFIC □217

9.4.2 □NORTH AMERICA □217

9.4.3 □EUROPE □218

9.4.4 □SOUTH AMERICA □218

9.4.5 □MIDDLE EAST & AFRICA □218

9.5 □NORTH AMERICA HIGH-ENERGY GRADE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □218

9.5.1 □ASIA-PACIFIC □218

9.5.2 □NORTH AMERICA □219

9.5.3 □EUROPE □219

9.5.4 □SOUTH AMERICA □219

9.5.5 □MIDDLE EAST & AFRICA □219

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.6 NORTH AMERICA HIGH-COERCIVITY GRADE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 219
 - 9.6.1 ASIA-PACIFIC 219
 - 9.6.2 NORTH AMERICA 220
 - 9.6.3 EUROPE 220
 - 9.6.4 SOUTH AMERICA 220
 - 9.6.5 MIDDLE EAST & AFRICA 220
- 9.7 NORTH AMERICA LOW-TEMPERATURE GRADE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 220
 - 9.7.1 ASIA-PACIFIC 220
 - 9.7.2 NORTH AMERICA 221
 - 9.7.3 EUROPE 221
 - 9.7.4 SOUTH AMERICA 221
 - 9.7.5 MIDDLE EAST & AFRICA 221
- 9.8 NORTH AMERICA OTHERS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 221
 - 9.8.1 ASIA-PACIFIC 222
 - 9.8.2 NORTH AMERICA 222
 - 9.8.3 EUROPE 222
 - 9.8.4 SOUTH AMERICA 222
 - 9.8.5 MIDDLE EAST & AFRICA 222
- 10 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY SHAPE 223
 - 10.1 OVERVIEW 224
 - 10.1.1 ARCS / SEGMENTS 225
 - 10.1.2 RINGS 225
 - 10.1.3 BLOCKS 225
 - 10.1.4 DISCS 225
 - 10.1.5 CYLINDERS / RODS 225
 - 10.1.6 CUSTOM 226
 - 10.1.7 POWDERS 226
 - 10.1.8 OTHERS 226
 - 10.2 NORTH AMERICA ARCS / SEGMENTS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 226
 - 10.2.1 ASIA-PACIFIC 226
 - 10.2.2 NORTH AMERICA 227
 - 10.2.3 EUROPE 227
 - 10.2.4 SOUTH AMERICA 227
 - 10.2.5 MIDDLE EAST & AFRICA 227
 - 10.3 NORTH AMERICA RINGS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 227
 - 10.3.1 ASIA-PACIFIC 227
 - 10.3.2 NORTH AMERICA 228
 - 10.3.3 EUROPE 228
 - 10.3.4 SOUTH AMERICA 228
 - 10.3.5 MIDDLE EAST & AFRICA 228
 - 10.4 NORTH AMERICA BLOCKS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 228
 - 10.4.1 ASIA-PACIFIC 229
 - 10.4.2 NORTH AMERICA 229
 - 10.4.3 EUROPE 229
 - 10.4.4 SOUTH AMERICA 229

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.4.5 MIDDLE EAST & AFRICA 229
- 10.5 NORTH AMERICA DISCS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 229
 - 10.5.1 ASIA-PACIFIC 230
 - 10.5.2 NORTH AMERICA 230
 - 10.5.3 EUROPE 230
 - 10.5.4 SOUTH AMERICA 230
 - 10.5.5 MIDDLE EAST & AFRICA 230
- 10.6 NORTH AMERICA CYLINDERS / RODS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 230
 - 10.6.1 ASIA-PACIFIC 231
 - 10.6.2 NORTH AMERICA 231
 - 10.6.3 EUROPE 231
 - 10.6.4 SOUTH AMERICA 231
 - 10.6.5 MIDDLE EAST & AFRICA 231
- 10.7 NORTH AMERICA CUSTOM IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 231
 - 10.7.1 ASIA-PACIFIC 232
 - 10.7.2 NORTH AMERICA 232
 - 10.7.3 EUROPE 232
 - 10.7.4 SOUTH AMERICA 232
 - 10.7.5 MIDDLE EAST & AFRICA 232
- 10.8 NORTH AMERICA POWDERS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 232
 - 10.8.1 ASIA-PACIFIC 233
 - 10.8.2 NORTH AMERICA 233
 - 10.8.3 EUROPE 233
 - 10.8.4 SOUTH AMERICA 233
 - 10.8.5 MIDDLE EAST & AFRICA 233
- 10.9 NORTH AMERICA OTHERS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 233
 - 10.9.1 ASIA-PACIFIC 234
 - 10.9.2 NORTH AMERICA 234
 - 10.9.3 EUROPE 234
 - 10.9.4 SOUTH AMERICA 234
 - 10.9.5 MIDDLE EAST & AFRICA 234
- 11 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY REMANENCE 235
 - 11.1 OVERVIEW 236
 - 11.1.1 10-11 KG 237
 - 11.1.2 9-10 KG 237
 - 11.1.3 UP TO 9 KG 237
 - 11.1.4 ABOVE 11 KG 237
 - 11.2 NORTH AMERICA 10-11 KG IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 237
 - 11.2.1 ASIA-PACIFIC 238
 - 11.2.2 NORTH AMERICA 238
 - 11.2.3 EUROPE 238
 - 11.2.4 SOUTH AMERICA 238
 - 11.2.5 MIDDLE EAST & AFRICA 238
 - 11.3 NORTH AMERICA 9-10 KG IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 239
 - 11.3.1 ASIA-PACIFIC 239
 - 11.3.2 NORTH AMERICA 239
 - 11.3.3 EUROPE 239

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

11.3.4	SOUTH AMERICA	239
11.3.5	MIDDLE EAST & AFRICA	240
11.4	NORTH AMERICA UP TO 9 KG IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	240
11.4.1	ASIA-PACIFIC	240
11.4.2	NORTH AMERICA	240
11.4.3	EUROPE	240
11.4.4	SOUTH AMERICA	240
11.4.5	MIDDLE EAST & AFRICA	241
11.5	NORTH AMERICA ABOVE 11 KG IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	241
11.5.1	ASIA-PACIFIC	241
11.5.2	NORTH AMERICA	241
11.5.3	EUROPE	241
11.5.4	SOUTH AMERICA	242
11.5.5	MIDDLE EAST & AFRICA	242
12	NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY OPERATING TEMPERATURE	243
12.1	OVERVIEW	244
12.1.1	100-250 °C	245
12.1.2	250-350 °C	245
12.1.3	UP TO 100 °C	245
12.1.4	ABOVE 350 °C	245
12.2	NORTH AMERICA 100-250 °C IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	245
12.2.1	ASIA-PACIFIC	246
12.2.2	NORTH AMERICA	246
12.2.3	EUROPE	246
12.2.4	SOUTH AMERICA	246
12.2.5	MIDDLE EAST & AFRICA	246
12.3	NORTH AMERICA 250-350 °C IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	247
12.3.1	NORTH AMERICA 250-350 °C IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	247
12.3.2	ASIA-PACIFIC	247
12.3.3	NORTH AMERICA	247
12.3.4	EUROPE	247
12.3.5	SOUTH AMERICA	247
12.3.6	MIDDLE EAST & AFRICA	248
12.4	NORTH AMERICA UP TO 100 °C IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	248
12.4.1	ASIA-PACIFIC	248
12.4.2	NORTH AMERICA	248
12.4.3	EUROPE	248
12.4.4	SOUTH AMERICA	248
12.4.5	MIDDLE EAST & AFRICA	249
12.5	NORTH AMERICA ABOVE 350 °C IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND)	249
12.5.1	ASIA-PACIFIC	249
12.5.2	NORTH AMERICA	249
12.5.3	EUROPE	249
12.5.4	SOUTH AMERICA	250
12.5.5	MIDDLE EAST & AFRICA	250
13	NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY MAGNETIZATION	251
13.1	OVERVIEW	252

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 13.1.1 AXIALLY MAGNETIZED 253
- 13.1.2 DIAMETRICALLY MAGNETIZED 253
- 13.1.3 MULTI-POLE 253
- 13.1.4 RADially MAGNETIZED 253
- 13.2 NORTH AMERICA AXIALLY MAGNETIZED IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 254
 - 13.2.1 ASIA-PACIFIC 254
 - 13.2.2 NORTH AMERICA 254
 - 13.2.3 EUROPE 254
 - 13.2.4 SOUTH AMERICA 254
 - 13.2.5 MIDDLE EAST & AFRICA 255
- 13.3 NORTH AMERICA DIAMETRICALLY MAGNETIZED IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 255
 - 13.3.1 ASIA-PACIFIC 255
 - 13.3.2 NORTH AMERICA 255
 - 13.3.3 EUROPE 255
 - 13.3.4 SOUTH AMERICA 256
 - 13.3.5 MIDDLE EAST & AFRICA 256
- 13.4 NORTH AMERICA MULTI-POLE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 256
 - 13.4.1 ASIA-PACIFIC 256
 - 13.4.2 NORTH AMERICA 256
 - 13.4.3 EUROPE 256
 - 13.4.4 SOUTH AMERICA 257
 - 13.4.5 MIDDLE EAST & AFRICA 257
- 13.5 NORTH AMERICA RADially MAGNETIZED IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 257
 - 13.5.1 ASIA-PACIFIC 257
 - 13.5.2 NORTH AMERICA 257
 - 13.5.3 EUROPE 258
 - 13.5.4 SOUTH AMERICA 258
 - 13.5.5 MIDDLE EAST & AFRICA 258
- 14 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY COATING 259
 - 14.1 OVERVIEW 260
 - 14.1.1 NICKEL PLATING 261
 - 14.1.2 EPOXY COATING 261
 - 14.1.3 POLYMER OVERMOULDING 261
 - 14.1.4 ELECTROLESS PLATING 261
 - 14.1.5 PASSIVATION / CHEMICAL TREATMENTS 261
 - 14.1.6 OTHERS 262
 - 14.2 NORTH AMERICA NICKEL PLATING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 262
 - 14.2.1 ASIA-PACIFIC 262
 - 14.2.2 NORTH AMERICA 262
 - 14.2.3 EUROPE 262
 - 14.2.4 SOUTH AMERICA 263
 - 14.2.5 MIDDLE EAST & AFRICA 263
 - 14.3 NORTH AMERICA EPOXY COATING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 263
 - 14.3.1 ASIA-PACIFIC 263

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 14.3.2 NORTH AMERICA 263
- 14.3.3 EUROPE 263
- 14.3.4 SOUTH AMERICA 264
- 14.3.5 MIDDLE EAST & AFRICA 264
- 14.4 NORTH AMERICA POLYMER OVERMOULDING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 264
 - 14.4.1 ASIA-PACIFIC 264
 - 14.4.2 NORTH AMERICA 264
 - 14.4.3 EUROPE 265
 - 14.4.4 SOUTH AMERICA 265
 - 14.4.5 MIDDLE EAST & AFRICA 265
- 14.5 NORTH AMERICA ELECTROLESS PLATING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 265
 - 14.5.1 ASIA-PACIFIC 265
 - 14.5.2 NORTH AMERICA 265
 - 14.5.3 EUROPE 266
 - 14.5.4 SOUTH AMERICA 266
 - 14.5.5 MIDDLE EAST & AFRICA 266
- 14.6 NORTH AMERICA PASSIVATION / CHEMICAL TREATMENTS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 266
 - 14.6.1 ASIA-PACIFIC 266
 - 14.6.2 NORTH AMERICA 267
 - 14.6.3 EUROPE 267
 - 14.6.4 SOUTH AMERICA 267
 - 14.6.5 1.50.6 MIDDLE EAST & AFRICA 267
- 14.7 NORTH AMERICA OTHERS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 267
 - 14.7.1 ASIA-PACIFIC 267
 - 14.7.2 NORTH AMERICA 268
 - 14.7.3 EUROPE 268
 - 14.7.4 SOUTH AMERICA 268
 - 14.7.5 MIDDLE EAST & AFRICA 268
- 15 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY TIME HORIZON 269
 - 15.1 OVERVIEW 270
 - 15.2 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY TIME HORIZON, 2018-2033 (USD THOUSAND) 271
 - 15.2.1 8-15 YEARS 271
 - 15.2.2 ABOVE 15 YEARS 271
 - 15.2.3 4-7 YEARS 271
 - 15.2.4 1-3 YEARS 271
 - 15.3 NORTH AMERICA 8-15 YEARS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 272
 - 15.3.1 ASIA-PACIFIC 272
 - 15.3.2 NORTH AMERICA 272
 - 15.3.3 EUROPE 272
 - 15.3.4 SOUTH AMERICA 272
 - 15.3.5 MIDDLE EAST & AFRICA 273
 - 15.4 NORTH AMERICA ABOVE 15 YEARS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 273
 - 15.4.1 ASIA-PACIFIC 273
 - 15.4.2 NORTH AMERICA 273

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 15.4.3 EUROPE 273
- 15.4.4 SOUTH AMERICA 274
- 15.4.5 MIDDLE EAST & AFRICA 274
- 15.5 NORTH AMERICA 4-7 YEARS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 274
- 15.5.1 ASIA-PACIFIC 274
- 15.5.2 NORTH AMERICA 274
- 15.5.3 EUROPE 274
- 15.5.4 SOUTH AMERICA 275
- 15.5.5 MIDDLE EAST & AFRICA 275
- 15.6 NORTH AMERICA 1-3 YEARS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 275
- 15.6.1 ASIA-PACIFIC 275
- 15.6.2 NORTH AMERICA 275
- 15.6.3 EUROPE 276
- 15.6.4 SOUTH AMERICA 276
- 15.6.5 MIDDLE EAST & AFRICA 276
- 16 NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY APPLICATION 277
- 16.1 OVERVIEW 278
- 16.1.1 AEROSPACE & DEFENSE 279
- 16.1.2 INDUSTRIAL MANUFACTURING 279
- 16.1.3 ENERGY & POWER GENERATION 279
- 16.1.4 OIL & GAS / MINING 279
- 16.1.5 AUTOMOTIVE 280
- 16.1.6 MARINE 280
- 16.1.7 HEALTHCARE & MEDICAL DEVICES 280
- 16.1.8 CONSUMER ELECTRONICS 280
- 16.1.9 RESEARCH INSTITUTIONS 280
- 16.1.10 OTHERS 280
- 16.2 NORTH AMERICA AEROSPACE & DEFENSE IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 280
- 16.2.1 ACTUATORS & SERVOS 281
- 16.2.2 AVIONICS SYSTEMS 281
- 16.2.3 MISSILE GUIDANCE 281
- 16.2.4 SATELLITE COMPONENTS 281
- 16.2.5 OTHERS 281
- 16.3 NORTH AMERICA AEROSPACE & DEFENSE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 282
- 16.3.1 ASIA-PACIFIC 282
- 16.3.2 NORTH AMERICA 282
- 16.3.3 EUROPE 282
- 16.3.4 SOUTH AMERICA 282
- 16.3.5 MIDDLE EAST & AFRICA 283
- 16.4 NORTH AMERICA INDUSTRIAL MANUFACTURING IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 283
- 16.4.1 SERVO MOTORS 283
- 16.4.2 ROBOTICS ACTUATORS 283
- 16.4.3 COUPLINGS & CLUTCHES 283
- 16.4.4 INDUSTRIAL GENERATORS 284

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 16.4.5 OTHERS 284
- 16.5 NORTH AMERICA INDUSTRIAL MANUFACTURING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 284
 - 16.5.1 ASIA-PACIFIC 284
 - 16.5.2 NORTH AMERICA 284
 - 16.5.3 EUROPE 284
 - 16.5.4 SOUTH AMERICA 285
 - 16.5.5 MIDDLE EAST & AFRICA 285
- 16.6 NORTH AMERICA ENERGY & POWER GENERATION IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 285
 - 16.6.1 TURBINE GENERATORS 285
 - 16.6.2 SPECIALTY MOTORS 285
 - 16.6.3 WIND TURBINES 286
 - 16.6.4 HYDROELECTRIC DRIVES 286
 - 16.6.5 OTHERS 286
- 16.7 NORTH AMERICA ENERGY & POWER GENERATION IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 286
 - 16.7.1 ASIA-PACIFIC 286
 - 16.7.2 NORTH AMERICA 287
 - 16.7.3 EUROPE 287
 - 16.7.4 SOUTH AMERICA 287
 - 16.7.5 MIDDLE EAST & AFRICA 287
- 16.8 NORTH AMERICA OIL & GAS / MINING IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 287
 - 16.8.1 DOWNHOLE TOOLS 288
 - 16.8.2 LOGGING INSTRUMENTS 288
 - 16.8.3 MUD MOTORS 288
 - 16.8.4 SUBSEA SENSORS 288
 - 16.8.5 OTHERS 288
- 16.9 NORTH AMERICA OIL & GAS / MINING IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 288
 - 16.9.1 ASIA-PACIFIC 289
 - 16.9.2 NORTH AMERICA 289
 - 16.9.3 EUROPE 289
 - 16.9.4 SOUTH AMERICA 289
 - 16.9.5 MIDDLE EAST & AFRICA 289
- 16.10 NORTH AMERICA AUTOMOTIVE IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 289
 - 16.10.1 SENSORS & ACTUATORS 290
 - 16.10.2 TRACTION MOTORS 290
 - 16.10.3 ELECTRIC DRIVES 290
 - 16.10.4 HYBRID SYSTEMS 290
 - 16.10.5 OTHERS 290
- 16.11 NORTH AMERICA AUTOMOTIVE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 291
 - 16.11.1 ASIA-PACIFIC 291
 - 16.11.2 NORTH AMERICA 291
 - 16.11.3 EUROPE 291
 - 16.11.4 SOUTH AMERICA 291
 - 16.11.5 MIDDLE EAST & AFRICA 291
- 16.12 NORTH AMERICA MARINE IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 292

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 16.12.1 THRUSTER MOTORS 292
- 16.12.2 SUBSEA SENSORS 292
- 16.12.3 SONAR SYSTEMS 292
- 16.12.4 MARINE GENERATORS 293
- 16.12.5 UNDERWATER ACTUATORS 293
- 16.12.6 NAVIGATION EQUIPMENT 293
- 16.12.7 CORROSION-RESISTANT DRIVES 293
- 16.12.8 OTHERS 293
- 16.13 NORTH AMERICA MARINE IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 293
- 16.13.1 ASIA-PACIFIC 294
- 16.13.2 NORTH AMERICA 294
- 16.13.3 EUROPE 294
- 16.13.4 SOUTH AMERICA 294
- 16.13.5 MIDDLE EAST & AFRICA 294
- 16.14 NORTH AMERICA HEALTHCARE & MEDICAL DEVICES IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 294
- 16.14.1 LAB EQUIPMENT 295
- 16.14.2 SURGICAL TOOLS 295
- 16.14.3 DIAGNOSTIC DEVICES 295
- 16.14.4 MRI COMPONENTS 295
- 16.14.5 OTHERS 295
- 16.15 NORTH AMERICA HEALTHCARE & MEDICAL DEVICES IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 296
- 16.15.1 ASIA-PACIFIC 296
- 16.15.2 NORTH AMERICA 296
- 16.15.3 EUROPE 296
- 16.15.4 SOUTH AMERICA 296
- 16.15.5 MIDDLE EAST & AFRICA 296
- 16.16 NORTH AMERICA CONSUMER ELECTRONICS IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 297
- 16.16.1 MINI MOTORS 297
- 16.16.2 HAPTICS 297
- 16.16.3 SENSORS 297
- 16.16.4 AUDIO DEVICES 297
- 16.16.5 OTHERS 298
- 16.17 NORTH AMERICA CONSUMER ELECTRONICS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) 298
- 16.17.1 ASIA-PACIFIC 298
- 16.17.2 NORTH AMERICA 298
- 16.17.3 EUROPE 298
- 16.17.4 SOUTH AMERICA 298
- 16.17.5 MIDDLE EAST & AFRICA 299
- 16.18 NORTH AMERICA RESEARCH INSTITUTIONS IN SAMARIUM COBALT MAGNETS MARKET, BY TYPE, 2018-2033 (USD THOUSAND) 299
- 16.18.1 CRYOGENIC MAGNETS 299
- 16.18.2 TEST EQUIPMENT 299
- 16.18.3 EXPERIMENTAL MOTORS 299

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 16.18.4 □MAGNETIC ASSEMBLIES □300
- 16.18.5 □OTHERS □300
- 16.19 □NORTH AMERICA RESEARCH INSTITUTIONS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □300
- 16.19.1 □ASIA-PACIFIC □300
- 16.19.2 □NORTH AMERICA □300
- 16.19.3 □EUROPE □300
- 16.19.4 □SOUTH AMERICA □301
- 16.19.5 □MIDDLE EAST & AFRICA □301
- 16.20 □NORTH AMERICA OTHERS IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □301
- 16.20.1 □ASIA-PACIFIC □301
- 16.20.2 □NORTH AMERICA □301
- 16.20.3 □EUROPE □302
- 16.20.4 □SOUTH AMERICA □302
- 16.20.5 □MIDDLE EAST & AFRICA □302
- 17 □NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY SALES CHANNEL □303
- 17.1 □OVERVIEW □304
- 17.1.1 □DIRECT (OEM) □305
- 17.1.2 □AFTERMARKET □305
- 17.2 □NORTH AMERICA DIRECT (OEM) IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □305
- 17.2.1 □ASIA-PACIFIC □306
- 17.2.2 □NORTH AMERICA □306
- 17.2.3 □EUROPE □306
- 17.2.4 □SOUTH AMERICA □306
- 17.2.5 □MIDDLE EAST & AFRICA □306
- 17.3 □NORTH AMERICA AFTERMARKET IN SAMARIUM COBALT MAGNETS MARKET, BY REGION, 2018-2033 (USD THOUSAND) □306
- 17.3.1 □ASIA-PACIFIC □307
- 17.3.2 □NORTH AMERICA □307
- 17.3.3 □EUROPE □307
- 17.3.4 □SOUTH AMERICA □307
- 17.3.5 □MIDDLE EAST & AFRICA □307
- 18 □NORTH AMERICA SAMARIUM COBALT MAGNETS MARKET, BY REGION □308
- 18.1 □NORTH AMERICA □309
- 18.1.1 □U.S. □326
- 18.1.2 □CANADA □339
- 18.1.3 □MEXICO □351
- 19 □SWOT ANALYSIS □362
- 20 □COMPANY PROFILES MANUFACTURER □363
- 20.1 □HANGZHOU PERMANENT MAGNET GROUP CO., LTD □363
- 20.1.1 □COMPANY SNAPSHOT □363
- 20.1.2 □PRODUCT PORTFOLIO □363
- 20.1.3 □RECENT DEVELOPMENT □364
- 20.2 □VACUUMSCHMELZE GMBH & CO. KG □365
- 20.2.1 □COMPANY SNAPSHOT □365
- 20.2.2 □PRODUCT PORTFOLIO □365
- 20.2.3 □RECENT DEVELOPMENT □366
- 20.3 □ARNOLD MAGNETIC TECHNOLOGIES □368

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

20.3.1	COMPANY SNAPSHOT	368
20.3.2	PRODUCT PORTFOLIO	368
20.3.3	RECENT DEVELOPMENT	369
20.4	NINGBO MAG SPRING MAGNETICS LTD.	370
20.4.1	COMPANY SNAPSHOT	370
20.4.2	PRODUCT PORTFOLIO	370
20.4.3	RECENT DEVELOPMENT	372
20.5	ELECTRON ENERGY CORPORATION	373
20.5.1	COMPANY SNAPSHOT	373
20.5.2	PRODUCT PORTFOLIO	373
20.5.3	RECENT DEVELOPMENT	374
20.6	A TO Z MAGNET MFG.CO.	375
20.6.1	COMPANY SNAPSHOT	375
20.6.2	PRODUCT PORTFOLIO	375
20.6.3	RECENT DEVELOPMENT	375
20.7	ADAMS MAGNETIC PRODUCTS, LLC	376
20.7.1	COMPANY SNAPSHOT	376
20.7.2	PRODUCT PORTFOLIO	376
20.7.3	RECENT DEVELOPMENT	377
20.8	ANHUI ASTROMAGNET CO., LTD	378
20.8.1	COMPANY SNAPSHOT	378
20.8.2	PRODUCT PORTFOLIO	378
20.8.3	RECENT DEVELOPMENT	379
20.9	BUNTING MAGNETICS	380
20.9.1	COMPANY SNAPSHOT	380
20.9.2	PRODUCT PORTFOLIO	380
20.9.3	RECENT DEVELOPMENT	381
20.10	DURA MAGNETICS	382
20.10.1	COMPANY SNAPSHOT	382
20.10.2	PRODUCT PORTFOLIO	382
20.10.3	RECENT DEVELOPMENT	383
20.11	ECLIPSE MAGNETICS	384
20.11.1	COMPANY SNAPSHOT	384
20.11.2	PRODUCT PORTFOLIO	384
20.11.3	RECENT DEVELOPMENT	385
20.12	EXOTIC SOURCING SOLUTIONS	386
20.12.1	COMPANY SNAPSHOT	386
20.12.2	PRODUCT PORTFOLIO	386
20.12.3	RECENT DEVELOPMENT	386
20.13	INTEGRATED MAGNETICS	387
20.13.1	COMPANY SNAPSHOT	387
20.13.2	PRODUCT PORTFOLIO	387
20.13.3	RECENT DEVELOPMENT	388
20.14	J R STRONG MAGNET.	389
20.14.1	COMPANY SNAPSHOT	389
20.14.2	PRODUCT PORTFOLIO	389
20.14.3	RECENT DEVELOPMENT	390

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

20.15 AI-MAG INDUSTRIES. 391
20.15.1 COMPANY SNAPSHOT 391
20.15.2 PRODUCT PORTFOLIO 391
20.15.3 RECENT DEVELOPMENT 392
20.16 MAGNA CO., LTD. 393
20.16.1 COMPANY SNAPSHOT 393
20.16.2 PRODUCT PORTFOLIO 393
20.16.3 RECENT DEVELOPMENT 396
20.17 MASTER MAGNETICS, INC. 397
20.17.1 COMPANY SNAPSHOT 397
20.17.2 PRODUCT PORTFOLIO 397
20.17.3 RECENT DEVELOPMENT 397
20.18 MIANYANG HENGXIN MAGNETIC MATERIAL CO., LTD. 399
20.18.1 COMPANY SNAPSHOT 399
20.18.2 PRODUCT PORTFOLIO 399
20.18.3 RECENT DEVELOPMENT 401
20.19 NINGBO NINGGANG PERMANENT MAGNETIC MATERIALS CO., LTD. 403
20.19.1 COMPANY SNAPSHOT 403
20.19.2 PRODUCT PORTFOLIO 403
20.19.3 RECENT DEVELOPMENT 404
20.20 RARE EARTH MAGNETICS 406
20.20.1 COMPANY SNAPSHOT 406
20.20.2 PRODUCT PORTFOLIO 406
20.20.3 RECENT DEVELOPMENT 406
20.21 SONAL MAGNETICS. 407
20.21.1 COMPANY SNAPSHOT 407
20.21.2 PRODUCT PORTFOLIO 407
20.21.3 RECENT DEVELOPMENT 407
20.22 THE SAMARIUM MAGNET CO. 408
20.22.1 COMPANY SNAPSHOT 408
20.22.2 PRODUCT PORTFOLIO 408
20.22.3 RECENT DEVELOPMENT 408
20.23 TOKIN CORPORATION 409
20.23.1 COMPANY SNAPSHOT 409
20.23.2 PRODUCT PORTFOLIO 409
20.23.3 RECENT DEVELOPMENT 410
20.24 TYTEK GROUP 411
20.24.1 COMPANY SNAPSHOT 411
20.24.2 PRODUCT PORTFOLIO 411
20.24.3 RECENT DEVELOPMENT 412
20.25 XIAMEN LINKUP MAGNET CO., LTD. 412
20.25.1 COMPANY SNAPSHOT 412
20.25.2 PRODUCT PORTFOLIO 412
20.25.3 RECENT DEVELOPMENT 414
21 COMPANY PROFILES DISTRIBUTORS 415
21.1 APPLIED MAGNETS SUPERSTORE 415
21.1.1 COMPANY SNAPSHOT 415

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

21.1.2 PRODUCT PORTFOLIO 415
21.1.3 RECENT DEVELOPMENT 416
21.2 MAGNET EXPERT 417
21.2.1 COMPANY SNAPSHOT 417
21.2.2 PRODUCT PORTFOLIO 417
21.2.3 RECENT DEVELOPMENT 418
21.3 STORCH MAGNETICS 419
21.3.1 COMPANY SNAPSHOT 419
21.3.2 PRODUCT PORTFOLIO 419
21.3.3 RECENT DEVELOPMENT 420
21.4 SUPERMAGNETICSHOP 421
21.4.1 COMPANY SNAPSHOT 421
21.4.2 PRODUCT PORTFOLIO 421
21.4.3 RECENT DEVELOPMENT 421
21.5 THE QUIANT MAGNET SHOP OF SUPREME MAGNETS 422
21.5.1 COMPANY SNAPSHOT 422
21.5.2 PRODUCT PORTFOLIO 422
21.5.3 RECENT DEVELOPMENT 423
22 QUESTIONNAIRE 424
23 RELATED REPORTS 428
?

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

North America Samarium Cobalt Magnets Market

Market Report | 2025-12-01 | 350 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@scott's-international.com

ORDER FORM:

Select license	License	Price
<input type="checkbox"/>	Single User License	\$3500.00
<input type="checkbox"/>	Corporate Users License	\$4200.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-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="2026-06-09"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com