

# **Diffraction Optical Elements (DOE) Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)**

<https://marketpublishers.com/r/D1DD42ED335EN.html>

Date: June 2019

Pages: 66

Price: US\$ 2,280.00 (Single User License)

ID: D1DD42ED335EN

## **Abstracts**

According to 99Strategy, the Global Diffraction Optical Elements (DOE) Market is estimated to reach xxx million USD in 2019 and projected to grow at the CAGR of xx% during the 2020-2025. The report analyses the global Diffraction Optical Elements (DOE) market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

### **Key Regions**

Asia Pacific

North America

Europe

South America

Middle East & Africa

## Key Companies

Jenoptik

Holo/Or Ltd.

HORIBA

Newport Corporation

Zeiss

Shimadzu Corporation

Edmund Optics

Lightsmyth (Finisar)

Optometrics (Dynasil)

Kaiser Optical Systems

SUSS MicroTec AG.

Photop Technologies

Wasatch Photonics

Headwall Photonics

Plymouth Grating Lab

Spectrogon AB

RPC Photonics

SILIOS Technologies

GratingWorks

### Key Product Type

Beam Shaping / Top-Hat

Beam Splitting

Beam Foci

### Market by Application

Laser Material Processing

Medical

Others

### Main Aspects covered in the Report

Overview of the Diffractive Optical Elements (DOE) market including production, consumption, status & forecast and market growth

2015-2018 historical data and 2019-2025 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development

## Contents

### 1 INDUSTRIAL CHAIN OVERVIEW

#### 1.1 Diffractive Optical Elements (DOE) Industry

##### 1.1.1 Overview

##### 1.1.2 Characteristics of Diffractive Optical Elements (DOE)

#### 1.2 Upstream

##### 1.2.1 Major Materials

##### 1.2.2 Manufacturing Overview

#### 1.3 Product List By Type

##### 1.3.1 Beam Shaping / Top-Hat

##### 1.3.2 Beam Splitting

##### 1.3.3 Beam Foci

#### 1.4 End-Use List

##### 1.4.1 Demand in Laser Material Processing

##### 1.4.2 Demand in Medical

##### 1.4.3 Demand in Others

#### 1.5 Global Market Overview

##### 1.5.1 Global Market Size and Forecast, 2015-2025

##### 1.5.2 Global Market Size and Forecast by Geography with CAGR, 2015-2025

##### 1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2015-2025

##### 1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2015-2025

### 2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

#### 2.1 Global Production & Consumption

##### 2.1.1 Global Production

##### 2.1.2 Global Consumption

#### 2.2 Geographic Production & Consumption

##### 2.2.1 Production

###### 2.2.1.1 Asia-Pacific

###### 2.2.1.2 North America

###### 2.2.1.3 South America

###### 2.2.1.4 Europe

###### 2.2.1.5 Middle East & Africa

##### 2.2.2 Consumption

###### 2.2.2.1 Asia-Pacific

###### 2.2.2.2 North America

- 2.2.2.3 South America
- 2.2.2.4 Europe
- 2.2.2.5 Middle East & Africa

### **3 MAJOR MANUFACTURERS INTRODUCTION**

- 3.1 Manufacturers Overview
- 3.2 Manufacturers List
  - 3.2.1 Jenoptik Overview
    - 3.2.1.1 Product Specifications
    - 3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
    - 3.2.1.3 Recent Developments
    - 3.2.1.4 Future Strategic Planning
  - 3.2.2 Holo/Or Ltd. Overview
    - 3.2.2.1 Product Specifications
    - 3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
    - 3.2.2.3 Recent Developments
    - 3.2.2.4 Future Strategic Planning
  - 3.2.3 HORIBA Overview
    - 3.2.3.1 Product Specifications
    - 3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
    - 3.2.3.3 Recent Developments
    - 3.2.3.4 Future Strategic Planning
  - 3.2.4 Newport Corporation Overview
    - 3.2.4.1 Product Specifications
    - 3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
    - 3.2.4.3 Recent Developments
    - 3.2.4.4 Future Strategic Planning
  - 3.2.5 Zeiss Overview
    - 3.2.5.1 Product Specifications
    - 3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
    - 3.2.5.3 Recent Developments
    - 3.2.5.4 Future Strategic Planning
  - 3.2.6 Shimadzu Corporation Overview

- 3.2.6.1 Product Specifications
- 3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.6.3 Recent Developments
- 3.2.6.4 Future Strategic Planning
- 3.2.7 Edmund Optics Overview
- 3.2.7.1 Product Specifications
- 3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.7.3 Recent Developments
- 3.2.7.4 Future Strategic Planning
- 3.2.8 Lightsmyth (Finisar) Overview
- 3.2.8.1 Product Specifications
- 3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.8.3 Recent Developments
- 3.2.8.4 Future Strategic Planning
- 3.2.9 Optometrics (Dynasil) Overview
- 3.2.9.1 Product Specifications
- 3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.9.3 Recent Developments
- 3.2.9.4 Future Strategic Planning
- 3.2.10 Kaiser Optical Systems Overview
- 3.2.10.1 Product Specifications
- 3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.10.3 Recent Developments
- 3.2.10.4 Future Strategic Planning
- 3.2.11 SUSS MicroTec AG. Overview
- 3.2.11.1 Product Specifications
- 3.2.11.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.11.3 Recent Developments
- 3.2.11.4 Future Strategic Planning
- 3.2.12 Photop Technologies Overview
- 3.2.12.1 Product Specifications
- 3.2.12.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

- 3.2.12.3 Recent Developments
- 3.2.12.4 Future Strategic Planning
- 3.2.13 Wasatch Photonics Overview
  - 3.2.13.1 Product Specifications
  - 3.2.13.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.13.3 Recent Developments
  - 3.2.13.4 Future Strategic Planning
- 3.2.14 Headwall Photonics Overview
  - 3.2.14.1 Product Specifications
  - 3.2.14.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.14.3 Recent Developments
  - 3.2.14.4 Future Strategic Planning
- 3.2.15 Plymouth Grating Lab Overview
  - 3.2.15.1 Product Specifications
  - 3.2.15.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.15.3 Recent Developments
  - 3.2.15.4 Future Strategic Planning
- 3.2.16 Spectrogon AB Overview
  - 3.2.16.1 Product Specifications
  - 3.2.16.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.16.3 Recent Developments
  - 3.2.16.4 Future Strategic Planning
- 3.2.17 RPC Photonics Overview
  - 3.2.17.1 Product Specifications
  - 3.2.17.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.17.3 Recent Developments
  - 3.2.17.4 Future Strategic Planning
- 3.2.18 SILIOS Technologies Overview
  - 3.2.18.1 Product Specifications
  - 3.2.18.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
  - 3.2.18.3 Recent Developments
  - 3.2.18.4 Future Strategic Planning
- 3.2.19 GratingWorks Overview

- 3.2.19.1 Product Specifications
- 3.2.19.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.19.3 Recent Developments
- 3.2.19.4 Future Strategic Planning

## **4 MARKET COMPETITION PATTERN**

- 4.1 Market Size and Sketch
- 4.2 Company Market Share
  - 4.2.1 Global Production by Major Manufacturers
  - 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
  - 4.3.1 Merger & Acquisition
  - 4.3.2 New Product Launch

## **5 PRODUCT TYPE SEGMENT**

- 5.1 Global Overview by Product Type Segment
- 5.2 Segment Subdivision by Product Type
  - 5.2.1 Market in Beam Shaping / Top-Hat
    - 5.2.1.1 Market Size
    - 5.2.1.2 Situation & Development
  - 5.2.2 Market in Beam Splitting
    - 5.2.2.1 Market Size
    - 5.2.2.2 Situation & Development
  - 5.2.3 Market in Beam Foci
    - 5.2.3.1 Market Size
    - 5.2.3.2 Situation & Development

## **6 END-USE SEGMENT**

- 6.1 Global Overview by End-Use Segment
- 6.2 Segment Subdivision
  - 6.2.1 Market in Laser Material Processing
    - 6.2.1.1 Market Size
    - 6.2.1.2 Situation & Development
  - 6.2.2 Market in Medical
    - 6.2.2.1 Market Size



- 6.2.2.2 Situation & Development
- 6.2.3 Market in Others
  - 6.2.3.1 Market Size
  - 6.2.3.2 Situation & Development

## **7 MARKET FORECAST & TREND**

- 7.1 Regional Forecast
- 7.2 Consumption Forecast
  - 7.2.1 Product Type Forecast
  - 7.2.2 End-Use Forecast
- 7.3 Investment Trend
- 7.4 Consumption Trend

## **8 PRICE & CHANNEL**

- 8.1 Price and Cost
  - 8.1.1 Price
  - 8.1.2 Cost
- 8.2 Channel Segment

## **9 MARKET DRIVERS & INVESTMENT ENVIRONMENT**

- 9.1 Market Drivers
- 9.2 Investment Environment

## **10 RESEARCH CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2015-2025

Table Global Market Size and Forecast by Type with Growth Rate, 2015-2025

Table Global Market Size and Forecast by End-Use with Growth Rate, 2015-2025

Table Global Production Volume Status and Growth Rate by Geography, 2015-2018, in Volume

Table Global Production Amount Status and Growth Rate by Geography, 2015-2018, in Million USD

Table Global Market Volume and Growth Rate by Geography, 2015-2018, in Volume

Table Global Market Amount and Growth Rate by Geography, 2015-2018, in Million USD

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table North America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table North America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table South America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table South America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Europe Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Asia-Pacific Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Asia-Pacific Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table North America Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table North America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table South America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Europe Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2018

Table Jenoptik Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Jenoptik (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Holo/Or Ltd. Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Holo/Or Ltd. (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table HORIBA Overview List

Table Diffractive Optical Elements (DOE) Business Operation of HORIBA (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Newport Corporation Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Newport Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Zeiss Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Zeiss (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Shimadzu Corporation Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Shimadzu Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Edmund Optics Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Edmund Optics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Lightsmyth (Finisar) Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Lightsmyth (Finisar) (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Optometrics (Dynasil) Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Optometrics (Dynasil) (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Kaiser Optical Systems Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Kaiser Optical Systems (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table SUSS MicroTec AG. Overview List

Table Diffractive Optical Elements (DOE) Business Operation of SUSS MicroTec AG. (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Photop Technologies Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Photop Technologies (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Wasatch Photonics Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Wasatch Photonics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Headwall Photonics Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Headwall Photonics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Plymouth Grating Lab Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Plymouth Grating Lab (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Spectrogon AB Overview List

Table Diffractive Optical Elements (DOE) Business Operation of Spectrogon AB (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table RPC Photonics Overview List

Table Diffractive Optical Elements (DOE) Business Operation of RPC Photonics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table SILIOS Technologies Overview List

Table Diffractive Optical Elements (DOE) Business Operation of SILIOS Technologies (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table GratingWorks Overview List

Table Diffractive Optical Elements (DOE) Business Operation of GratingWorks (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Global Production Volume List by Manufacturers, 2015-2018, in Volume

Table Global Production Volume Share List by Manufacturers, 2015-2018, in Volume

Table Global Production Amount List by Manufacturers, 2015-2018, in Million USD

Table Global Production Amount Share List by Manufacturers, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2015-2018, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2015-2018, in Volume

Table Global Market Forecast by Region Segment 2019-2025, in Million USD

Table Global Market Forecast by Region Segment 2019-2025, in Volume

Table Global Market Amount by Product Type Segment 2019-2025, in Million USD

Table Global Market Volume by Product Type Segment 2019-2025, in Volume

Table Global Market Amount by End-Use Segment 2019-2025, in Million USD

Table Global Market Volume by End-Use Segment 2019-2025, in Volume

## List Of Figures

### LIST OF FIGURES

- Figure Diffractive Optical Elements (DOE) Picture List
- Figure Global Market Size and Forecast with Growth Rate, 2015-2025
- Figure Global Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure Global Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure Global Market Volume and Growth Rate, 2015-2018, in Volume
- Figure Global Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure Asia-Pacific Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure Asia-Pacific Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure North America Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure North America Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure South America Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure South America Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure Europe Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure Europe Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure Middle East & Africa Production Volume Status and Growth Rate, 2015-2018, in Volume
- Figure Middle East & Africa Production Amount Status and Growth Rate, 2015-2018, in Million USD
- Figure Asia-Pacific Market Volume and Growth Rate, 2015-2018, in Volume
- Figure Asia-Pacific Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure North America Market Volume and Growth Rate, 2015-2018, in Volume
- Figure North America Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume
- Figure South America Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume
- Figure Europe Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure Middle East & Africa Market Volume and Growth Rate, 2015-2018, in Volume
- Figure Middle East & Africa Market Amount and Growth Rate, 2015-2018, in Million USD
- Figure Global Production Volume Share by Manufacturers in 2019, in Volume

Figure Global Production Amount Share by Manufacturers in 2019, in Million USD

Figure Global Market Amount and Growth Rate in Beam Shaping / Top-Hat, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Beam Shaping / Top-Hat, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Beam Splitting, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Beam Splitting, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Beam Foci, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Beam Foci, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Laser Material Processing, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Laser Material Processing, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Medical, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Medical, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Others, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Others, 2015-2018, in Volume



## I would like to order

Product name: Diffractive Optical Elements (DOE) Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)

Product link: <https://marketpublishers.com/r/D1DD42ED335EN.html>

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D1DD42ED335EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



