

Orbotech Ltd. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Orbotech Ltd. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Orbotech Ltd. and its competitors. This provides our Clients with a clear understanding of Orbotech Ltd. position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about Orbotech Ltd. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Orbotech Ltd.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Orbotech Ltd. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-

term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Orbotech Ltd. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Orbotech Ltd. business.

About Orbotech Ltd.

Orbotech, Ltd. engages in the design, development, manufacture, marketing, and service of production solutions for specialized applications in the supply chain of the electronics industry, primarily for circuit boards (PCBs) and flat panel displays (FPDs). It designs, develops, manufactures, and markets automated optical inspection (AOI) and process control systems for PCBs, AOI, test, and repair systems for FPDs and imaging solutions for PCB production. The company also markets computer-aided manufacturing (CAM) and engineering solutions for PCB production.

In addition, through Orbograph Ltd. (Orbograph), the company develops and markets character recognition solutions to banks and other financial institutions, and has developed a proprietary technology for Web-based, location-independent data entry for use in check and forms processing; and through Orbotech Medical Denmark A/S (OMD) and Orbotech Medical Solutions Ltd. (OMS), is engaged in the research and development, manufacture, and sale of specialized products for application in medical nuclear imaging.

The company's AOI systems use its proprietary machine vision, electro-optics, precision mechanics, artificial intelligence, and imaging technology to detect, automatically, flaws, and defects in products being manufactured by its customers. In addition, through its

AOI systems for PCBs and imaging solutions, and the CAM and engineering solutions which it markets, the company offers to its PCB manufacturing customers solutions that allow automation and integration of the design, tooling, production data, and inspection needs associated with PCB production.

The company's FPD-AOI systems automatically detect and classify defects in the array and cell processes of LCD manufacturing and identify flaws occurring with in and during the LCD manufacturing process, based on optical inspection methods. Its FPD repair systems are used to repair faults in the array glass during various stages of the manufacturing process. Orbograph's recognition software solutions use proprietary image processing, character recognition and Web-based work flow algorithms to enable banks and other financial institutions to automate their check processing operations.

Products

PCBs

The company's PCB product lines consist of PCB-AOI systems; automated optical repair (AOR) systems and verification and repair stations; imaging solutions, including photoplotters, laser direct imaging and legend printing; and through its 50% interest in Frontline P.C.B. Solutions Limited Partnership (Frontline), CAM and engineering solutions for PCB production.

PCB-AOI systems are computerized, electro-optical systems for inspection and identification of defects in the artwork design master, production phototools and PCBs at various stages of production. The company's PCB-AOI systems consist of an image acquisition unit and an image processing unit. The image acquisition unit includes a moving platform carrying the PCB or artwork being inspected, and a scanning unit which acquires an image of the board, digitizes it and transmits it to the image processor. AOR systems are designed to address certain limitations inherent in the manual repair of PCBs, by enabling the automatic repair of defects known as 'shorts' and 'excess copper'.

CAM and engineering solutions are designed for use in the PCB pre-production phase to facilitate automation and integration of the design, tooling, production data, and inspection needs associated with PCB production. The Frontline products marketed by the company include CAM and engineering software solutions, which streamline the transfer of complex designs from the designer of the PCB to the production floor and enable system operators to perform a range of data-related operations.

PCB Products

Discovery Series: The Discovery series is designed for use in mid-to-high volume PCB production and offers defect detection in line widths down to 25 microns with minimized false calls. This series is capable of achieving a throughput of up to 210 18' x 24' size PCB panel sides per hour containing lines 100 microns in width.

PerFix AOR Series: The PerFix series of AOR sy

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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