

Elbit Vision Systems Ltd. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Elbit Vision Systems 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 Elbit Vision Systems Ltd. and its competitors. This provides our Clients with a clear understanding of Elbit Vision Systems Ltd. position in the [Heavy Machinery](#) Industry.

The report contains detailed information about Elbit Vision Systems 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 Elbit Vision Systems 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 Elbit Vision Systems 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 Elbit Vision Systems 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 Elbit Vision Systems Ltd. business.

About Elbit Vision Systems Ltd.

Elbit Vision Systems, Ltd. engages in the design, development, manufacturing, and marketing automatic vision and ultrasonic inspection and quality monitoring systems, and rendering services related to those systems.

Divisions

The company operates in two main divisions, the Non-Destructive Automated Inspection Systems Division and the Automated Optical Inspection Industry (AOI) Division.

NON-DESTRUCTIVE AUTOMATED INSPECTION SYSTEMS DIVISION

The Non-Destructive Automated Inspection Systems Division consists of -destructive inspection business of IRT ScanMaster Systems Inc. (ScanMaster). The products of ScanMaster Systems (IRT) Ltd. serve the high end of a non-destructive testing (NDT) market. The company has made approximately 700 equipment installations in 26 countries. Typical uses of its equipment include the detection and sizing of defects in forged discs used in jet engines, detection of flaws in pipe weld and pipe full body, periodic inspection of the integrity of train rail, evaluation of the integrity of spot weld

bonds in automobiles, and detection of bonding defects in composite aerospace structures.

Products

The ScanMaster ultrasonic system is integrated and has various core modules, including industrial PC-based digital ultrasonic instrumentation, production-oriented software packages, and servo motion control hardware (for those applications requiring robotic manipulation). These modules are integrated in application-specific configurations, which depend on the inspection requirements for speed, number of channels, on-line display, and report documentation.

Instrumentation

The i – 100 is an instrument for in-factory or mobile inspection. Based on the Windows 2000/XP, it provides the operator with a platform for inspection combined with reporting, networking and archiving capabilities.

The RPP3 is a programmable single channel, square wave ultrasonic pulser-receiver that serves as a front-end module for ScanMaster's ultrasonic instruments.

The RPP4 is a programmable multi-channel, square wave ultrasonic pulser-receiver that serves as a front-end module to ScanMaster's ultrasonic instruments.

The UPR-100 is a high-speed, multi-channel programmable data acquisition system specifically designed for demanding industrial ultrasonic inspection procedures.

The swi-100 is a digital ultrasonic instrument which provides the possibility of computer-assisted decision making with on-line UT signal analysis.

The U/T Mate can convert a computer into a UT instrument by connecting UT/Mate to the universal serial bus (USB) port. The device is ready to use by plugging it to any PC/Laptop USB port.

Transducers

Transducers: The company offers ultrasonic transducers for manual and production-line ultrasonic inspection. The transducer line includes high-sensitivity and high-resolution contact probes, as well as specialty transducers for specific applications.

Spot Weld Transducers: The spot weld (SW) series of 15 and 20MHz transducers is intended for repeatable inspection and evaluation of spot welds in bonded metal sheets. SW Series transducers have signal resolution, with the controlled water column allowing distinct separation of intermediate echoes for evaluation purposes at approximately 0.5mm (0.020) from the entry surface.

C-Scan Imaging Systems

LS-200 and LS 200b Series of immersion ultrasonic inspection systems are systems for multi shift operation in an industrial environment.

DS-200i: The DS-200i immersion ultrasonic inspection system is designed for the scanning of oversize parts. It is a system for multi shift operation in an industrial environment.

LS-500: The LS-500 immersion ultrasonic inspection system is a design allowing for stretching of the tank and scanner to fit the application.

DS-200s: The DS-200s Series of ultrasonic squirter systems complements the DS-200 Series of immersion scanners with the capacity required for non-immersion inspection of large-scale parts manufactured from composite materials.

LFS – 300: LFS – 300 is used for ultrasonic inspection of rotary-symmetrical forgings and castings, such as forged compressor and turbine disks employ

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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