



Advanced Dicing Technologies Ltd. (ADT)

Line of Business

Equipment and Consumables for Semiconductors Back-end and Microelectronics Industries

Established

2003

Leading Executive

Mr. Yaron Barkan
President & CEO



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Advanced Dicing Technologies (ADT) has specialized in the development and manufacturing of systems, blades and processes for singulation of semiconductor wafers, IC packages and microelectronics components, as well as dicing and grooving a large variety of electronics and optical devices.

ADT offers dicing equipment with a wide spectrum of capabilities, configurations and levels of automation, peripheral instrumentation and accessories, to suit an ever-growing range of customer requirements. Combining our equipment, blades and process expertise we bring our customers comprehensive dicing solutions.

ADT is a global corporation, having local sales and service resources in every relevant territory. We provide our customers with presale consulting, installation, training and post sale technical support, either directly or by our reps and distributors.



Products and Services

Dicing saws of various models and configurations, complementary equipment supporting dicing processes, laser scribing systems, annular blades and accessories.

We offer our customers complete dicing solutions, from process research and development to on-site technical support.

Our Solutions Include

- Twin Spindle Automatic Dicing Saws – 7900 series
- Automatic Dicing Saws – 7120/7130 series, 7910 series
- Fully Automatic Dicing Saws – 7200 series
- Fully Automatic Laser Scribes – 8000 series
- Peripheral Equipment (washing, chillers and filters, UV curing, CO₂ bubbler and wafer mounting stations))
- Annular Dicing Blades (resin, metal, sintered)
- Accessories (flanges, dressing blocks and tools)
- Customized Dicing Solutions
- Process Development

Brief History

Founded in 2003 by a group of investors that bought Kulicke & Soffa's (K&S) dicing equipment and blade divisions.

ADT maintains its corporate headquarters, R&D facilities and two production plants in the northern region of Israel (Yokneam).

ADT holds four major sales and service offices: ADT Inc. (Horsham, PA) and a West Coast office (Tempe, AZ) - a fully owned subsidiary responsible for all ADT's operations in America; ADT China - a Representative Office (Shanghai, Pudong), responsible for all operations in mainland China; an ADT Taiwan (Taipei, R.O.C, TW). Besides, ADT maintains a technical team in the Philippines, backing up all activities in south east Asia.

General Company Information

Employees: 150 worldwide

Ownership: Privately held company

Marketing: As a global company, we offer sales and support services through our widely-spread distribution channels. The flexibility and versatility of our platforms, combined with our ability to customize them to market needs and customers' requirements, sustain ADT's position as an up-to-date vendor of dicing solutions.

Important Markets: • LED packaging • LED GaAs wafer • Discrete device wafers • Passive components • MEMs sensors • Wafer level cameras, image sensors • Camera lenses • IR filters • Fiber Optic • RF communication • Medical sensors • Assembly & Packaging • Magnetic heads

Leading Customers: • AVX • Epson • Freescale • Mitsumi • Vishay • Hana • Tyco/Raychem • Littelfuse • Xintec • RFMD • Optotech • CTS • KEC • Anaren • Cooper • JDSU, Sanmina • ASE • Genesis Photonics • LED Lightning • Tong Hsing • Flir • Fraunhofer • Lite-on • GE Healthcare • MEAS

Certifications: ISO 9001, ISO 14001

Strengths and Expertise

ADT has over 30 years of experience in the development, manufacturing and marketing of advanced dicing systems and blades. Such experience, blended with accumulated knowledge of process, applications and technologies, as well as with creativity and design skills, make ADT a leading vendor of innovative dicing solutions.