

# DICING SAWS



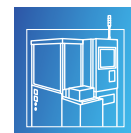
ADT's dicing saws' line offer a variety of capabilities, configurations and levels of automation as well as unique solutions for special materials and applications.

The dicing saws range includes automatic saws, fully automatic saws with single and double spindle, as well as tailored machines for special applications.

Quality Standards



## Complete Dicing Solutions



Saws



Blades



Peripherals

## FULLY AUTOMATIC TWIN SPINDLE



### 8030

Twin spindles 2"- 3"  
Up to 12" round product,  
or square chuck 12"x12"

Silicon wafers | Thin Glass | QFN  
and BGA multi pannels



### 80Si

Twin spindles 2"- 3"  
Up to 12" Si Wafer

Silicon wafers



### 80WT

Twin spindles 2"- 3"  
Tapeless dicing up to  
12" by 12" lead-frame

For Wettable flank process



### 8020

Twin spindles 2"- 3"  
Up to 8" round product

Silicon wafers / discrete  
devices | Silicon carbide (SiC)  
MEMS | SAW devices | Glass  
wafer | Packaging (QFN, LED...)

## FULLY AUTOMATIC SINGLE SPINDLE

### 2" Spindle



### 7232

Up to 12" round product, or square  
chuck 253x243mm with frame

Silicon wafers | Thin-film devices | High-  
brightness LED Packages | SAW Filters |  
Glass/Silicon Sensors | PZT and more



### 7302

Up to 12" round product,  
or 9"x12" square chuck

Silicon Wafers | PCB | QFN and BGA multi  
panels | LED Packages



### 7222

Up to 8" round product

PCB, QFN and BGA Panels | High-  
brightness LED Packages | 12" and  
8" Silicon Wafers | SAW Filters

### 4" Spindle



### 7234

Up to 12" round product,  
or square chuck  
253x243mm with frame

Ceramic substrates | Alumina |  
Hybrids | Thick film devices and  
more



### 7304

Best Solution for Hard Materials  
Up to 12" round product, or 9"x12"  
square chuck  
Compatible with 5" blades.

Glass | Sapphire and other hard materials



### 7224

Compatible with 4" & 5" annular  
blades.  
Up to 8" round products

Ceramic substrates | Alumina | Hybrids |  
Thick film devices and more

## AUTOMATIC TWIN SPINDLE



### 7900 Duo

Up to 8"x8" products

Silicon wafers / discrete devices | Silicon carbide (SiC) | MEMS | SAW devices | Glass wafer | Packaging (QFN, LED...)



### 7920 Duo

Up to 10"x10" products

Silicon wafers / discrete devices | Silicon carbide (SiC) | MEMS | SAW devices | Glass wafer | Packaging (QFN, LED...)



### 7930 Duo

up to 12"x10" and 12" round

Silicon wafers / discrete devices | Silicon carbide (SiC) | MEMS | SAW devices | Glass wafer | Packaging (QFN, LED...)

## AUTOMATIC SINGLE SPINDLE

### 2" Spindle



### 7122

Up to 8"x8" products

Silicon wafers | Thin-film devices | High-brightness LED Packages | SAW Filters | Glass/ Silicon Sensors | PZT and more



### 7132

Up to 12" round product, 12"x9" square substrates with frame or 12"x12" chuck without frame

PCB, QFN and BGA Panels | High-brightness LED Packages | 12" and 8" Silicon Wafers | SAW Filters



### 7152

Dice up to 30 mm thick product, spindles of 2.5 KW high power using 5" blade OD, large Z clearance, microscope with high Depth of Focus (DOF)

PZT | Crystal | Glass | Ceramic

### 4" Spindle



### 7124

Up to 8"x8" products

Glass | PZT | LED & LED on PCB Packages | Opto-electronic Components | Automotive Sensors Ceramic Substrates & Capacitors | LTCC | SAW Filters | BGA, QFN



### 7134

Up to 12" round product, 12"x9" square substrates with frame or 12" X 12" chuck without frame

Glass | PZT | LED & LED on PCB Packages | Opto-electronic Components | Automotive Sensors Ceramic Substrates & Capacitors | LTCC | SAW Filters | BGA, QFN

## DICING SAWS UNIQUE APPLICATIONS



### 71TS

Designed to support optoelectronic component manufacturers by providing both perpendicular cuts and 8° angular cuts needed to suppress back-reflection in fiber optic components



### 71MD

Designed for a demanding and tight application such as PZT. The system is equipped with Height on parts measuring system and it can be provided with large Z clearance in order to support thick jigs



### 7100 XLA

Can cover large panels up to 24" X 18" and it can support 450mm round products

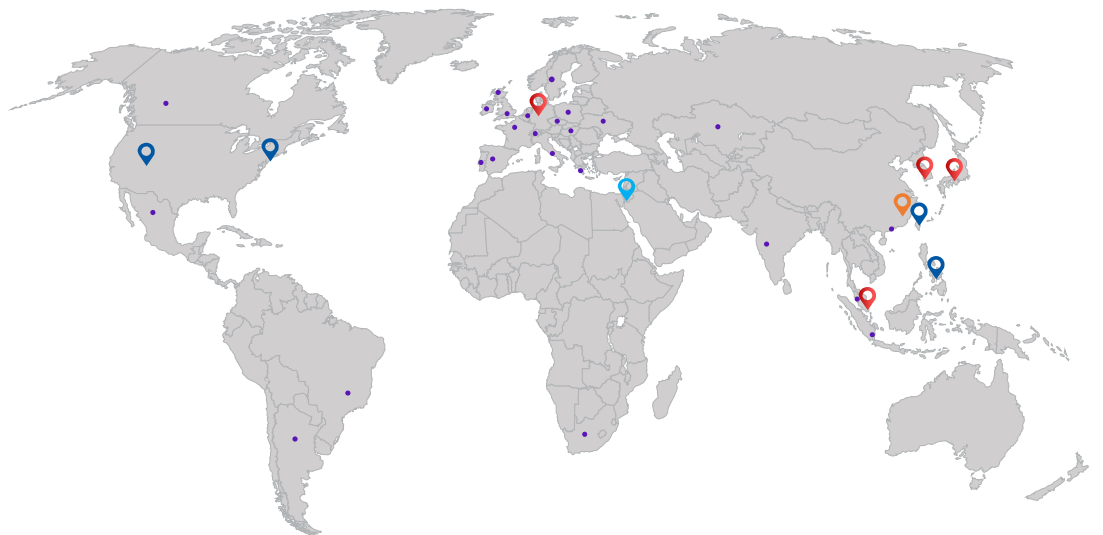
## ADT - Advanced Dicing Technologies

ADT is a one stop shop with end-to-end research, development and production, specializing in the development and manufacturing of **dicing saws, blades and peripherals** for a wide variety of applications: silicon- based ICs, Package Singulation and hard material Microelectronic Components (MEC).

Our R&D department is known for combining deep technological know-how, vast experience and out-of-the-box solutions.

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