

INTERNATIONAL SINGULATION EQUIPMENT MANUFACTURER DIRECTORY

<p>Company Address</p> <p>☎ Phone ✉ Fax 🏠 Year Founded</p> <p>★ President ◆ CEO ◇ Other Title</p>	<p>Model Name/Model #</p> <p>🕒 Year Introduced</p> <p>w Level of Automation M=Manual, S=Semi-automatic, A=Fully automatic</p>	<p>✓ Principal Applications 1=Packaged ICs, 2=Film or metal substrates 3=Laminates, 4=Glass, quartz, GaAs, InP or others, 5=FPD, 6=Wafers, 7=MEMS</p> <p>📄 Singulation Method</p> <p>■ Largest Substrate Size Accommodated (L x W x Thickness, in mm)</p>	<p>Web Site</p> <p>✳ Customer Contact</p> <p>☎ Phone ✉ Fax 🌐 Additional Offices</p> <p><small>Editor's Notes: CM=Consult Manufacturer. Listings were supplied by the vendors. Advertisers are shown in Boldface type.</small></p>
<p>Advanced Dicing Technologies Advanced Technology Center Haifa, Israel</p> <p>☎ +972.48545.222 ✉ +972.485.50001</p> <p>🏠 2003 (purchased from Kulicke & Soffa Industries Inc.)</p> <p>★◆ Yaron Barkan</p>	<p>8000 Series <i>NextStep</i> laser scribing system</p> <p>🕒 July 2005</p> <p>w A</p> <hr/> <p>7200 Series single spindle, fully automatic dicing system</p> <p>🕒 July 2004</p> <p>w A</p>	<p>✓ 1, 2, 3, 4, 5, 6, 7</p> <p>📄 Laser scribing</p> <p>■ Up to 300mm</p> <hr/> <p>✓ 1, 2, 3, 4, 5, 6, 7</p> <p>📄 Saw</p> <p>■ 235 x 170 x 12</p>	<p>adt-dicing.com</p> <p>🌐 U.S. Office: 143 Witmer Rd. Horsham, PA 19044</p> <p>✳ Erez Hacohen, Managing Director ehacohen@adt-co.com</p> <p>☎ 215.773.9154</p> <p>🌐 China: Zhangjiang Semiconductor Industry Park, Bldg. 7, Shanghai 201203</p> <p>✳ Andrew Campbell, Mktg. Director acampbell@adt-co.com</p>
<p>Disco Hi-Tec America Inc. 3270 Scott Blvd. Santa Clara, CA 95054</p> <p>☎ 408.987.3776</p> <p>🏠 1937</p> <p>◇ Nobukazu Dejima (Exec. VP)</p>	<p>DISCO Singulation Engine Model DAD695</p> <p>🕒 CM w A</p> <hr/> <p>DISCO Singulation Engine Model DFD6340</p> <p>🕒 CM w A</p>	<p>✓ 1, 2, 4, 6, 7</p> <p>📄 Saw</p> <p>■ 250 x 250mm substrate</p> <hr/> <p>✓ 1, 2, 4, 6, 7</p> <p>📄 Saw</p> <p>■ 250 x 210mm substrate</p>	<p>discousa.com</p> <p>✳ info@discousa.com</p>
<p>Dynatex International 5577 Skylane Blvd. Santa Rosa, CA 95403</p> <p>☎ 707.542.4227 ✉ 707.579.8599</p> <p>🏠 1958</p> <p>★◆ Kate Henry</p>	<p>GST 150 V3 scriber-breaker</p> <p>🕒 September 2004</p> <p>w S</p> <hr/> <p>BRX 100/150mm breaker w/autoloa</p> <p>🕒 September 2005</p> <p>w S</p>	<p>✓ 4, 7, CM</p> <p>📄 Scribe and break</p> <p>■ 150mm</p> <hr/> <p>✓ 4, CM</p> <p>📄 Mechanical brak-propagation</p> <p>■ 150mm</p>	<p>dynatex.com</p> <p>✳ Leanne Schmidt Vice President lschmidt@dynatex.com</p>
<p>Fico Singulation B.V. Div. of BE Semiconductor Industries N.V. (formerly Meco Equipment Engineers B.V.) 2004 Marconilaan 4, 5151 DR, Drunen, The Netherlands</p> <p>☎ +31.416.384384</p> <p>🏠 2004</p> <p>★◆ Gerard in 't Veld</p>	<p>MISS Model II integrated saw and sorting system</p> <p>🕒 2005</p> <p>w A</p>	<p>✓ 1, 2</p> <p>📄 Saw</p> <p>■ 280 x 90 x 3.0mm</p>	<p>besi.com</p> <p>🌐 U.S. Office: Fico Singulation USA Besi Die Handling Systems 10 Tinker Ave. Londonderry, NH 03053</p> <p>✳ Scott Rushia, Sales Mgr. USA srushia@besidiehandling.com</p> <p>☎ 803.366.1785</p>
<p>Greatech Automation Solutions (M) Sdn. Bhd Plot 287(B), Lengkok Kampung Jawa Satu, Bayan Lepas FIZ Phase 3, Penang, Malaysia</p> <p>☎ +6.04.6364260 ✉ +6.04.6463261</p> <p>🏠 1993 ★◆ Tan Eng Kee</p>	<p>CM</p> <p>🕒 CM</p> <p>w CM</p>	<p>✓ CM</p> <p>📄 CM</p> <p>■ CM</p>	<p>greatech-group.com</p> <p>✳ Richard Ong, Business Manager greatech@tm.net.my</p> <p>☎ +6.04.6463260</p>
<p>Hanmi Semiconductor 532-2 Kajwa-Dong, Seo-Gu Inchon, Korea</p> <p>🏠 1980</p> <p>★◆ N.K. Kwak</p>	<p>3000D</p> <p>🕒 2002</p> <p>w A</p>	<p>✓ 1, 2</p> <p>📄 Saw</p> <p>■ CM</p>	<p>hanmisemi.com ndc-int.com</p> <p>🌐 U.S. Office: NDC International 110 Steamwhistle Dr. Ivlyland, PA 18974</p> <p>✳ Don Johnson, VP Int'l Sales donjohnson@neudynamics.com</p> <p>☎ 215.355.2460</p>

INTERNATIONAL SINGULATION EQUIPMENT MANUFACTURER DIRECTORY

<p>Company Address</p> <p>☎ Phone</p> <p>☒ Fax</p> <p>🏠 Year Founded</p> <p>★ President</p> <p>◆ CEO</p> <p>◇ Other Title</p>	<p>Model Name/Model #</p> <p>🕒 Year Introduced</p> <p>w Level of Automation M=Manual, S=Semi-automatic, A=Fully automatic</p>	<p>✓ Principal Applications 1=Packaged ICs, 2=Film or metal substrates 3=Laminates, 4=Glass, quartz, GaAs, InP or others, 5=FPD, 6=Wafers, 7=MEMS</p> <p>📄 Singulation Method</p> <p>■ Largest Substrate Size Accommodated (L x W x Thickness, in mm)</p>	<p>Web Site</p> <p>✳ Customer Contact</p> <p>☎ Phone</p> <p>☒ Fax</p> <p>🌐 Additional Offices</p> <p><small>Editor's Notes: CM=Consult Manufacturer. Listings were supplied by the vendors. Advertisers are shown in Boldface type.</small></p>
<p>J.P. Sercel Associates Inc. 17D Clinton Dr., Hollis, NH 03049</p> <p>☎ 603.595.7048</p> <p>☒ 603.598.3835</p> <p>🏠 1994</p> <p>★◆ Jeffrey Sercel</p>	<p>IX-300 ChromaDice</p> <p>🕒 July 2002</p> <p>w S (automatic wafer-handling available)</p>	<p>✓ 2, 4, 6, 7, direct-write cutting aps</p> <p>📄 Laser</p> <p>■ 150 x 150 x 1.0mm (larger stages available)</p>	<p>jpsalaser.com</p> <p>✳ Doug Pulfer, Marketing dpulfer@jpsalaser.com</p> <p>☎ 603.595.7048 x122</p>
<p>Primeca Pte. Ltd. 36 Changi South Street 1 Singapore 486766</p> <p>☎ +65.6546.2775</p>	<p>8430s</p> <p>🕒 May 2001</p> <p>w A</p>	<p>✓ 1, 7</p> <p>📄 Saw</p> <p>■ 250 x 80mm</p>	<p>primeca.com</p> <p>✳ Lua Kim Teng Vice President of Sales sales@primeca.com</p>
<p>Synova S.A. Chemin de la Dent d'Oche 1024 Ecublens, Switzerland</p> <p>🏠 1996</p> <p>★◆ Bernold Richerzhagen</p>	<p>LDS 300 A</p> <p>🕒 October 2005</p> <p>w A</p>	<p>✓ CM</p> <p>📄 Laser</p> <p>■ 300 x 300 x 5.0mm</p>	<p>synova.ch</p> <p>🌐 U.S. Office: Synova-USA Inc. Lewisville, TX 75029</p> <p>✳ Tom Levesque, Dir. Sales N.A. tlevesque@synova.usa.com</p> <p>☎ 972.317.4147</p>
<p>Tokyo Seimitsu Co. (TSK) 9-7-1 Shimorenjaku, Mikata-city Tokyo, Japan</p> <p>🏠 1949</p> <p>★◇ Sadakatsu Suzuki (President, COO)</p>	<p>CM</p> <p>🕒 CM</p> <p>w CM</p>	<p>✓ CM</p> <p>📄 CM</p> <p>■ CM</p>	<p>accretech.jp/english/</p> <p>🌐 Accretech USA Inc. 1765 Main St., Ste. 121 Milpitas, CA 95035</p> <p>✳ Keith Kruger, Sr. Project Engineer krugerk@accretechusa.com</p> <p>☎ 408.719.2400</p>
<p>Towa Intercon Technology Inc. 18255 Sutter Blvd. Morgan Hill, CA 95037</p> <p>☎ 408.778.5992</p> <p>🏠 1986</p> <p>★ M. Takehara (Towa Intercon)</p>	<p>SBS 9100</p> <p>🕒 December 2004</p> <p>w A</p>	<p>✓ 1, 3, 4</p> <p>📄 Saw</p> <p>■ 85 x 250mm (ap. dependent)</p>	<p>towaintercon.com</p> <p>✳ Lloyd Tripp Sales Manager ltrippt@towaintercon.com</p>
<p>Veeco Slider Process Equipment 741 Flynn Rd. Camarillo, CA 93012</p> <p>☎ 805.388.6001</p> <p>🏠 1979</p> <p>◇ Ed Wagner (VP/GM)</p>	<p>ADS300dsi advanced dicing system</p> <p>🕒 January 2004</p> <p>w S (saw), A (interfaced w/handler)</p>	<p>✓ 1, 4, 6, 7</p> <p>📄 Saw</p> <p>■ 300 x 300 x 10mm</p>	<p>veeco.com</p> <p>✳ Bill Abeyta Product Marketing Manager babeyta@veeco.com</p> <p>(Note: Formerly MTI)</p>
<p>Xsil Ltd. Unit 3, Trinity Enterprise Center Pearse Street, Dublin 2, Ireland</p> <p>☎ +353.1.245.7500</p> <p>☒ +353.1.245.7501</p> <p>🏠 2000</p> <p>★◆ Peter Conlon</p>	<p>Xise 300D</p> <p>🕒 2003</p> <p>w A</p>	<p>✓ 1, 4, 6, 7</p> <p>📄 Laser</p> <p>■ 300 x 300 x 1.0mm</p>	<p>xsil.com</p> <p>🌐 USA: 4710 Bonnel Dr. Loveland, CO 80537</p> <p>✳ Dick Toftness, VP-Bus. Dev. dtoftness@xsil.com</p> <p>☎ 970.310.4994</p>
<p>Xise 300R</p> <p>🕒 September 2004</p> <p>w M</p>	<p>✓ 1, 6, 7</p> <p>📄 Laser</p> <p>■ 300 x 300 x 1.0mm</p>		