

INTERNATIONAL SINGULATION EQUIPMENT MANUFACTURER DIRECTORY

<p>Company Address</p> <p>☎ Phone ✉ Fax</p> <p>🏠 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-automated, A=Fully automated</p> <p>📏 Footprint (W x D)</p> <p>✳ Integrated or Stand-alone</p>	<p>✓ Principal Applications 1=Packaged ICs, 2=Film or metal substrates 3=Laminates, 4=Glass, quartz, GaAs, InP or other brittle materials, 5=FPD 6=Wafers, 7=Silicon for MEMS and biotech</p> <p>🕒 Singulation Method (Laser, punch, saw, scribe, waterjet, etc.)</p> <p>■ Largest Substrate Size (L x W x Thickness, in mm)</p>	<p>Web Site</p> <p>✳ Customer Contact</p> <p>☎ Phone ✉ 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>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>7100 Series 7100 Autoloader</p> <p>🕒 2003</p> <p>w A</p> <p>📏 1370 x 1300mm</p> <p>✳ Integrated</p>	<p>✓ 1, 2, 4</p> <p>🕒 Saw</p> <p>■ Two panels of 230 x 63 x 3mm on one frame</p>	<p>adt-co.com</p> <p>🌐 U.S. Office: ADT Inc. 143 Witmer Rd. Horsham, PA 19044</p> <p>✳ Erez Hacothen, Managing Director ehacothen@adt-co.com</p> <p>☎ 215.773.9154</p>
<p>Advanced Systems Automation Ltd. 54 Serangoon North Ave. 4 Singapore 555854</p> <p>★◆ Jimmy Chew</p>	<p>S20</p> <p>🕒 2004</p> <p>w A</p> <p>📏 1600 x 1160mm</p> <p>✳ Integrated or Stand-alone</p>	<p>✓ 1, 2, 3</p> <p>🕒 Saw</p> <p>■ 275 x 70 x 2mm</p>	<p>asa.com.sg</p> <p>✳ Robin Seah sales@asa.com.sg</p> <p>☎ +65.4825885</p>
<p>Besi Trim & Form Ratio 6, 6921 RW Duiven The Netherlands</p> <p>☎ +31.26.319.3600 ✉ +31.26.3113831</p> <p>🏠 1954</p> <p>★◆ Willy Enzing</p>	<p>Fico Compact Line</p> <p>🕒 2001 w A 📏 1065 x 1000mm</p> <p>✳ Integrated</p>	<p>✓ 1, 2</p> <p>🕒 Punch</p> <p>■ 250 x 100mm</p>	<p>besi.com</p> <p>🌐 U.S. Office: Besil USA/Fica America 15720 Winchester Blvd. #4 Los Gatos, CA 95030</p> <p>✳ Rob Cole, Sales Manager USA ficoca@aol.com</p> <p>☎ 408.399.4580</p>
	<p>Fico Bright Line</p> <p>🕒 2003 w A 📏 2000 x 1000mm</p> <p>✳ Integrated</p>	<p>✓ 1, 2</p> <p>🕒 Laser</p> <p>■ 250 x 100mm</p>	
<p>Corfin Automation LLC 8 Lincoln Green South Burlington, VT 05403</p> <p>☎ 802.865.6851 ✉ 802.860.4941</p> <p>🏠 1999</p> <p>★◆ Michael T. Mittag</p>	<p>Corfin WJS-1000</p> <p>🕒 2004</p> <p>w A</p> <p>📏 3054 x 3027mm</p> <p>✳ Integrated</p>	<p>✓ 1, 2, 3, 4, 5</p> <p>🕒 Abrasive waterjet</p> <p>■ 300 x 100 x 4mm</p>	<p>corfinautomation.com</p> <p>✳ Michael T. Mittag, President michael_mittag@corfinautomation.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 EAD685/695</p> <p>🕒 CM</p> <p>w A</p> <p>📏 CM</p> <p>✳ OEM</p>	<p>✓ CM</p> <p>🕒 Saw</p> <p>■ 250 x 250mm</p>	<p>discousa.com</p> <p>✳ Catherine Spellis info@discousa.com</p>
<p>Dynatex International 5577 Skylane Blvd. Santa Rosa, CA 95403</p> <p>☎ 707.542.4269 ✉ 707.579.8599</p> <p>🏠 1958</p> <p>★◆ Kate Henry</p>	<p>GST Scriber/Breaker Model 150</p> <p>🕒 1999</p> <p>w S</p> <p>📏 812 x 1092mm</p> <p>✳ Integrated or Stand-alone</p>	<p>✓ 4, 7</p> <p>🕒 Scribe and break</p> <p>■ 150 x 150 x 1mm</p>	<p>dynatex.com</p> <p>✳ Casey Stromer Technical Sales Manager cstromer@dynatex.com</p> <p>☎ 707.542.4269 x227</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>Dicing Handler BDG 6000</p> <p>🕒 1999</p> <p>w A</p> <p>📏 1500 x 1100mm</p> <p>✳ Integrated</p>	<p>✓ 1, CM</p> <p>🕒 Saw</p> <p>■ 230 x 70 x 3mm</p>	<p>greatech-group.com</p> <p>✳ Richard Ong, Business Manager greatech@tm.net.my</p> <p>☎ +6.04.6463260</p>

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<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>Ⓜ 2880 x 1500mm</p> <p>✖ Integrated or Stand-alone</p>	<p>✓ 1, 2</p> <p>Ⓢ Saw</p> <p>■ 70 x 250mm</p>	<p>hanmisemi.com</p> <p>✧ Mike Kim, Director of Overseas Sales and Marketing Dept. mike@hanmisemi.com</p> <p>🌐 U.S. Rep.: NDC International 110 Steamwhistle Dr. Ivyland, PA 18947</p> <p>☎ 800.910.8150 ndc-int.com</p>
<p>Jetsis International 17 Mandai Estate, Singapore 729934</p> <p>☎ +65.626.99918</p>	<p>No data</p>	<p>Ⓢ Abrasive waterjet</p>	<p>jetsis.com</p> <p>✧ sales@jetsis.com</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 ★◆ Jeffrey Sercel</p>	<p>ChromaDice IX-300</p> <p>🕒 2002 w A</p> <p>Ⓜ 1211 x 1447mm</p> <p>✖ Stand-alone</p>	<p>✓ 2, 3, 4, 5</p> <p>Ⓢ Laser</p> <p>■ 150mm diameter x 300µm thick</p>	<p>jpsalaser.com</p> <p>✧ Doug Pulfer, Marketing dpulfer@jpsalaser.com</p> <p>☎ 603.595.7048 x122</p>
<p>Manufacturing Technology Inc. 2226 Goodyear Ave., Ventura, CA 93003</p> <p>☎ 805.644.9681</p> <p>☒ 805.644.3541</p> <p>🏠 1979 ★◆ Mike Cromer</p>	<p>NSX250 Gang Dicing System 250DS</p> <p>🕒 2000 w S (A with tape handler)</p> <p>Ⓜ 2000 x 1730mm</p> <p>✖ Integrated or Stand-alone</p>	<p>✓ 2, 4</p> <p>Ⓢ Saw</p> <p>■ 400 x 250mm</p>	<p>mtionline.com</p> <p>✧ Bill Abeyta Asia Pacific Sales Manager babeyta@mtionline.com</p> <p>☎ 805.644.9681</p>
<p>Primeca Pte. Ltd. 36 Changi South Street 1 Singapore 486766</p> <p>☎ +65.6546.2775</p>	<p>No data</p>	<p>Ⓢ Saw</p>	<p>primeca.com</p> <p>✧ 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 200 laser dicing system</p> <p>🕒 2004 version w M, S or A</p> <p>Ⓜ 1140 x 1100mm</p> <p>✖ CM</p>	<p>✓ 2, 4</p> <p>Ⓢ Waterjet guided laser</p> <p>■ CM</p>	<p>synova.ch</p> <p>✧ Guy Mabillard Marketing Manager mabillard@synova.ch</p> <p>☎ +41.21.694.35.00</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>A-WD-208S, A-WD-208T</p> <p>🕒 2002 (208S), 2000 (208T)</p> <p>w A</p> <p>Ⓜ 810 x 1170mm (208S) 899 x 1240mm (208T)</p> <p>✖ Integrated or Stand-alone</p>	<p>✓ 1, 2</p> <p>Ⓢ Saw</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 18255 Sutter Blvd. Morgan Hill, CA 95037</p> <p>☎ 408.778.5992 🏠 1986</p>	<p>No data</p>	<p>Ⓢ Saw</p>	<p>towaintercon.com</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>Xise300D</p> <p>🕒 2003</p> <p>w A</p> <p>Ⓜ 1200 x 1500mm</p> <p>✖ Stand-alone</p>	<p>✓ 4, 6</p> <p>Ⓢ Laser</p> <p>■ 300mm diameter x 850µm thick</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>🌐 Japan: Ireland House 4F 2-10-7, Kojimachi, Chiyoda-ku Tokyo 102-0083</p>