



**Frank Bacon Machinery Sales Co.**

**21251 Ryan Road**

**Warren, MI 48091**

**586-756-4280 [www.frankbacon.com](http://www.frankbacon.com) Email: [sales@frankbacon.com](mailto:sales@frankbacon.com)**

Stock #	DESCRIPTION
13258-00	<p><b>120K (600kN) Tinius Olsen Electomatic II 4-Screw</b></p> <p>(1) Reconditioned 120,000 lbf (600 kN) Capacity Tinius Olsen, Model Electomatic II, Four Screw Electro-Mechanical Tension and Compression Testing Machine with New AC Servo Motor &amp; Drive Controller and Precision Crosshead Load Cell Indicating System.</p> <p style="text-align: center;"><b>Tinius Olsen Model Electomatic II</b> <b>SPECIFICATIONS:</b></p> <p><b>Tension Testing Opening (Less Tooling): 48"</b> <b>Compression Testing Opening (Less Tooling): 48"</b> <b>Distance Between Columns/Screws: 30"</b> <b>Testing Stroke: 48"</b> <b>Table Size (W x D): 30" x 33½"</b> <b>Testing Speed (IPM): 10</b> <b>Crosshead Adjusting Speed (IPM): 10</b> <b>Approximate Overall Dimensions:</b> <b>New Console (W x D x H): 26" x 27" x 36"</b> <b>Load Frame (W x D x H): 52" x 34" x 103½"</b> <b>Weight (lbs): 9,500</b> <b>Electrical Requirements (V,HZ,PH): 460, 60, 3</b></p> <ul style="list-style-type: none"><li>• <b>EQUIPPED WITH:</b></li><li>• New Computer with keyboard and mouse.</li><li>• Microsoft Windows 11 Pro, Workstation.</li><li>• MTGenius, Material Testing Software for Data Acquisition (Load, Position &amp; 2 Strain), Analysis and Computer Controlled Testing with Manual.</li><li>• MTGenius, Micro Console for Sensor Excitation and Analog/Digital Signal Processing with USB Cable.</li><li>• Electronic Material Testing Control System in Custom Cabinet/Desk with PC Controls and Crosshead Jog Controller.</li><li>• New Yaskawa AC Servo Motor with Incremental Encoder and Yaskawa Solid State Drive Controller for Precision Control of Testing Rates (Load, Position &amp; Strain).</li></ul> <p style="text-align: center;"><b>FOB Warren MI</b> <b>Reconditioned/Retrofitted &amp; Certified</b> <b>1 Year Parts and Labor Warranty</b></p> <p>*Representative Image</p>

#### **Guarantee:**

Unless otherwise specified, every machine is offered with the standard **MDNA** (*MACHINERY DEALERS NATIONAL ASSOCIATION*) Return privilege to ensure your complete satisfaction. If the machine is un-satisfactory it may be returned to our warehouse, freight prepaid and in the original condition within 30 Days of



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shipment for a full refund less the cost of SPECIALIZED EQUIPMENT, NEW ITEMS AND RE-CERTIFICATION COSTS, When applicable. Care is taken to provide accurate specifications. However, Critical areas should be verified by Inspection.