



**Frank Bacon Machinery Sales Co.**

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**Warren, MI 48091**

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Stock #	DESCRIPTION
FB- 150EM- TT	<p data-bbox="305 386 743 415"><b>New 33.75K (150kN) FB-150EM-TT</b></p> <p data-bbox="305 428 1446 483">(1) NEW 33,725 lbf (150 kN) Capacity, Frank Bacon Machinery Model, FB-150EM-TT, Floor Standing, Precision Two Ball Screw Tension and Compression Testing Machine with Precision Load Cell.</p> <p data-bbox="727 489 1045 510" style="text-align: center;"><b>Frank Bacon Model FB-150EM-TT</b></p> <p data-bbox="802 518 971 539" style="text-align: center;"><b>SPECIFICATIONS:</b></p> <p data-bbox="305 548 927 1079">Tension Testing Opening (Less Tooling): 48" Compression Testing Opening (Less Tooling): 48" Distance Between Columns/Screws: 22.5" Testing Stroke: 48" Testing Speed (IPM): .00002 – 13 Crosshead Adjusting Speed (IPM): 13 Measurable Load Range: .4-100%FS Measured Load Accuracy: ±.5% Strain Measuring Accuracy: ±.5% Displacement Measurement Resolution (mm): .001 Displacement Measurement Accuracy: Greater of ±.02mm and ±1% Strain Rate Control Accuracy: ±.5% Force Loading Control Accuracy: ±1% Displacement Rate Control Accuracy: ±1% Overall Dimensions: Load Frame (W x D x H): 46x 25x 86 Load Frame Weight (lbs.): 1,764 Electrical Requirements (V,HZ,PH): 230, 60, 3</p> <p data-bbox="802 1121 971 1142" style="text-align: center;"><b>EQUIPPED WITH:</b></p> <ul data-bbox="342 1150 1370 1472" style="list-style-type: none"><li>• Computer System with Keyboard &amp; Mouse</li><li>• 24" LED-Backlit LCD Color Monitor</li><li>• Microsoft Windows 10 Professional, Workstation</li><li>• MTGenius, Material Testing Software for Data Acquisition (Load, Position &amp; 2 Strain), Analysis and</li><li>• 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 with PC Controls and Crosshead Jog Controller.</li><li>• AC Servo Motor with High Precision Incremental Encoder and AC Drive Controller for Precision Control of</li><li>• Rate (Load, Position or Strain Rate Control)</li><li>• 150kN Tension &amp; Compression Load Cell</li><li>• Upper and Lower Quick Release Adaptors for Quick Tooling Changes</li></ul> <p data-bbox="808 1478 964 1499" style="text-align: center;"><b>FOB Warren, MI</b></p> <p data-bbox="618 1507 1154 1619" style="text-align: center;"><b>Industry Leading 2 Year Parts and Labor Warranty 30 Day Satisfaction Guarantee Return Privilege ISO 17025 Accredited Certification Hundreds of Grips, Fixtures, and Accessories Available</b></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 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.