



Frank Bacon Machinery Sales Co.
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Stock #	DESCRIPTION
FB-200EM	<p data-bbox="300 388 1421 483">New 45K (200kN) Frank Bacon Model FB-200EM (1) NEW 45,000 lbf (200 kN) Capacity, Frank Bacon Machinery Model, FB-200EM, Floor Standing, Precision Two Ball Screw Tension and Compression Testing Machine with Precision Load Cell.</p> <p data-bbox="738 489 1031 541">Frank Bacon Model FB-200EM SPECIFICATIONS:</p> <p data-bbox="300 548 836 1165">Tension Testing Opening (Less Tooling): 65" Compression Testing Opening (Less Tooling): 65" Distance Between Columns/Screws: 23" Testing Stroke: 65" Testing Speed (IPM): .002 – 20 Crosshead Adjusting Speed (IPM): 20 Measurable Load Range: .4-100%FS Measured Load Accuracy: ±.5% Strain Measuring Accuracy: ±.5% Displacement Measurement Resolution (mm): .001 Displacement Measurement Accuracy: Within ±.05% Strain Rate Control Range: .00025/Sec - .0025/Sec Strain Rate Control Accuracy: ±1% Force Loading Speed Control Range: .001 to 10% FS/Sec Force Loading Control Accuracy: ±1% Displacement Rate Control Range: .01 to 500 mm/min Displacement Rate Control Accuracy: ±1% Overall Dimensions: Load Frame (W x D x H): 44" x 32" x 99" Load Frame Weight (lbs.): 3,050 Electrical Requirements (V,HZ,PH): 230, 60, 3</p> <p data-bbox="803 1171 966 1197">EQUIPPED WITH:</p> <ul data-bbox="341 1203 1421 1554" style="list-style-type: none">• New Computer System with Keyboard & Mouse• Microsoft Windows 10 Professional, Workstation• MTGenius, Material Testing Software for Data Acquisition (Load, Position & 2 Strain), Analysis and Computer Controlled Testing with Manual.• MTGenius, Micro Console for Sensor Excitation and Analog/Digital Signal Processing with USB Cable.• Electronic Material Testing Control System with PC Controls and Crosshead Jog Controller.• New Yaskawa AC Servo Motor with Incremental Encoder and Yaskawa Solid State Drive Controller for Precision Control of Testing Rates (Load, Position & Strain).• New Grips with Flat faces (0-7mm, 7-14mm, 14-20mm) and V faces (9-14mm, 14-20mm, 20-26mm)• New Compression Platen (4.7" dia)• New 3 Point Bend Fixture (19.5" span and 1.18" roller dia)• Self Aligning Tooling <p data-bbox="722 1560 1047 1648">FOB Warren, MI NEW and Calibrated 2 Year Parts and Labor Warranty</p> <p data-bbox="300 1654 527 1680">* 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 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.