



Frank Bacon Machinery Sales Co.

21251 Ryan Road

Warren, MI 48091

586-756-4280 www.frankbacon.com Email: sales@frankbacon.com

Stock #	DESCRIPTION
FBNEW1 20K	120K (600kN) FB-600H (1) New 135,000 lbf (600 kN) Frank Bacon, FB-600H, Hydraulic Tension and Compression Testing Machine.
Frank Bacon FB-600H	
SPECIFICATIONS:	
Tension Testing Opening (Less Tooling): 24"	
Compression Testing Opening (Less Tooling): 22"	
Distance Between Columns/Screws: 21"	
Testing Stroke: 6"	
Table Size (W x D): 21" x 24"	
Testing Speed (IPM): 0 - 3	
Approximate Overall Dimensions:	
Console (W x D x H): 36" x 27" x 38"	
Load Frame (W x D x H): 39" x 33" x 93"	
Approximate Weight (lbs.): 6,200 lbs.	
Electrical Requirements (V,HZ, PH): 220/440, 60, 3	
Accuracy Grade: Grade 1	
Measurable Load Range: 1-100% FS	
Measured Load Accuracy: +-1%FS	
Measured Load Resolution: 1/300000 FS	
Displacement Measurement Resolution mm:	
Load Measurement Repeatability: 1%	
Load Measurement Hysteresis: 1.5%	
Load Measurement Error at Zero: +- .1%	
EQUIPPED WITH:	
Computer System with Keyboard & Mouse	
24" LED-Backlit LCD Color Monitor	
Microsoft Windows 10 Professional, Workstation	
Frank Bacon MTGenius, Material Testing Software for Data Acquisition (Load, Position, 2 Strain & AUX), Analysis and Computer Controlled Testing with Manual.	
Frank Bacon MTGenius, Micro Console for Sensor Excitation and Analog/Digital Signal Processing with USB Cable.	
New Closed Loop Hydraulic Pumping System in Custom "Silent" Console with: 23 gal. Hydraulic Reservoir, Submerged Bosch Pump, Vickers P. Valve, Sun Hydraulics Custom Aluminum Hydraulic Circuit Manifold, Motor, Heat Exchanger, PC Controls & More.	
600kN Precision Load Cell Indicating System	
Two 8" x 8" Compression platens	
Hydraulic Gripping System with Faces:	
0-.5" & .5" - 1.25" Flat Grip Faces	
.2"-.5, .5"-1" & 1"-1.5" Round Grip Faces	
3 Point Flexural Bend Fixture	
FOB Warren, MI	
2 Year Parts and Labor Warranty	
30 Day Satisfaction Guarantee Return Privilege	
*Representative Images	



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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.