



**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
ITS-20000H-ST	<b>ITS-20000H-ST Vibration Test System</b> (1) New Model ITS-20000H-ST, 44,000 lbf (200 kN) Electrodynamic Vibration Test System with Power Amplifier and Slip Table
<b>Frank Bacon Model ITS-20000H-ST Vibration System</b>	
<b>SPECIFICATIONS:</b>	
<b>Sine Force Rating:</b> 44,000 lbf (200 kN)	
<b>Random Force Rating:</b> 44,000 lbf (200 kN)	
<b>Shock Peak Force Rating:</b> 88,000 lbf (400 kN)	
<b>Peak to Peak Displacement:</b> 76 mm (3.00")	
<b>Frequency Range (Hz):</b> 2 – 2,100 Max	
<b>Armature Diameter:</b> 650 mm (25.59")	
<b>Armature Mass (lbs.):</b> 180 kg (397 lbs.)	
<b>Sine Peak Acceleration (Bare Table):</b> 981 m/s <sup>2</sup> (100 g)	
<b>Max Payload:</b> 2000 kg (4,410 lbs.)	
<b>Voltage Requirements (V, Hz, Ph):</b> 480, 60, 3, 500kVA	
<b>Utility Requirements:</b> 87 PSI Compressed Air, Water Supply	
<b>Weight (Unpacked):</b> 17,196 lbs.	
<b>Dimensions (Unpacked):</b> 110 "L x 68"W x 60"H	
<b>EQUIPPED WITH:</b>	
<ul style="list-style-type: none"><li>• ST-2000SM: 2000 mm x 2000 mm Magnesium Slip Table System with Base (Weight: 1,433 lbs) Frequency Limit: 2,000 Hz Random</li></ul>	
<ul style="list-style-type: none"><li>• HE-2000SM: 2000 mm x 2000 mm Magnesium Head Expander (Weight: 1,500 lbs) Frequency Limit: 2000 Hz Random</li></ul>	
<ul style="list-style-type: none"><li>• VSA-D214A: 210 kVA Air Cooled Power Amplifier</li></ul>	
<ul style="list-style-type: none"><li>• CU-2 Water Cooling Unit: 600L/min, Pressure .25 to .4 MPa Power Supply Requirements 8kVA</li></ul>	
<ul style="list-style-type: none"><li>• Water Re-Circulating Chiller System (Cooling Tower or Chiller Required)</li></ul>	
<ul style="list-style-type: none"><li>• Signal Input for Closed-Loop Control (Vibration Controller Required)</li></ul>	
<b>FOB: Warren, MI 48091</b>	
<b>1 Year Parts and Labor Warranty</b>	
<b>(Delivery: 6 Months)</b>	

**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.