



**Frank Bacon Machinery Sales Co.**

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Stock #	DESCRIPTION
ITS-7000-ST	<p><b>15KIP ITS-7000-ST Vibration System with Slip Table</b> (1) New Model ITS-7000-ST, 15,000 lbf (53.4 kN) Electrodynamic Vibration Test System with Power Amplifier and Slip Table.</p>
<b>Frank Bacon Model ITS-7000-ST Vibration System</b>	
<b>SPECIFICATIONS:</b>	
<b>Sine Force Rating:</b> 66.7 kN (15,000 lbf)	
<b>Random Force Rating:</b> 66.7 kN (15,000 lbf)	
<b>Shock Peak Force Rating:</b> 133.4 kN (30,000 lbf)	
<b>Peak to Peak Displacement:</b> 76.2 mm (3.00")	
<b>Frequency Range (Hz):</b> 5 – 2,000 Max	
<b>Armature Diameter:</b> 480 mm (18.9")	
<b>Armature Mass (lbs.):</b> 70 kg (154 lbs.)	
<b>Sine Peak Acceleration (Bare Table):</b> 981 m/s <sup>2</sup> (100 g)	
<b>1st Order Resonant Frequency:</b> 2,100 +/-5% Hz	
<b>Max Velocity:</b> 2.0 m/s (6.56 ft/s)	
<b>Max Payload:</b> 998 kg (2,200 lbs.)	
<b>Voltage Requirements (V, Hz, Ph):</b> 480, 60, 3	
<b>Utility Requirements:</b>	
<b>Air</b> - 87 PSI Compressed	
<b>Water</b> - Cooling water tower flow rate 24m <sup>3</sup> /h, water inlet temperature 32°C, water outlet temperature 37°C. Water flow 50m <sup>3</sup> /h, lift 40m.	
<b>Weight (Unpacked):</b> 22,196 lbs.	
<b>Dimensions (Unpacked):</b> 124"L x 72"W x 60"H	
<b>EQUIPPED WITH:</b>	
• ST-1200T: 48"W x 48"L Magnesium Slip Table System with Base (Weight: 285 lbs) Frequency Limit: 1,100 Hz	
• HE-1200-ASB: 48"W x 48"L Magnesium Head Expander (Weight: 296 lbs) Frequency Limit: 800 Hz	
• ITS-H Air Cooled Power Amplifier	
• CU-1 - Water Cooled Heat Exchanger , Power: 8kW, Flow Rate: Over 400L/min, Pressure : 0.2-0.4MPa, Temperature: Below 32°C, Weight : 600Kg	
• Signal Input for Closed-Loop Control (Vibration Controller Required)	
<b>FOB Warren, MI</b>	
<b>1 Year Parts and Labor Warranty</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.