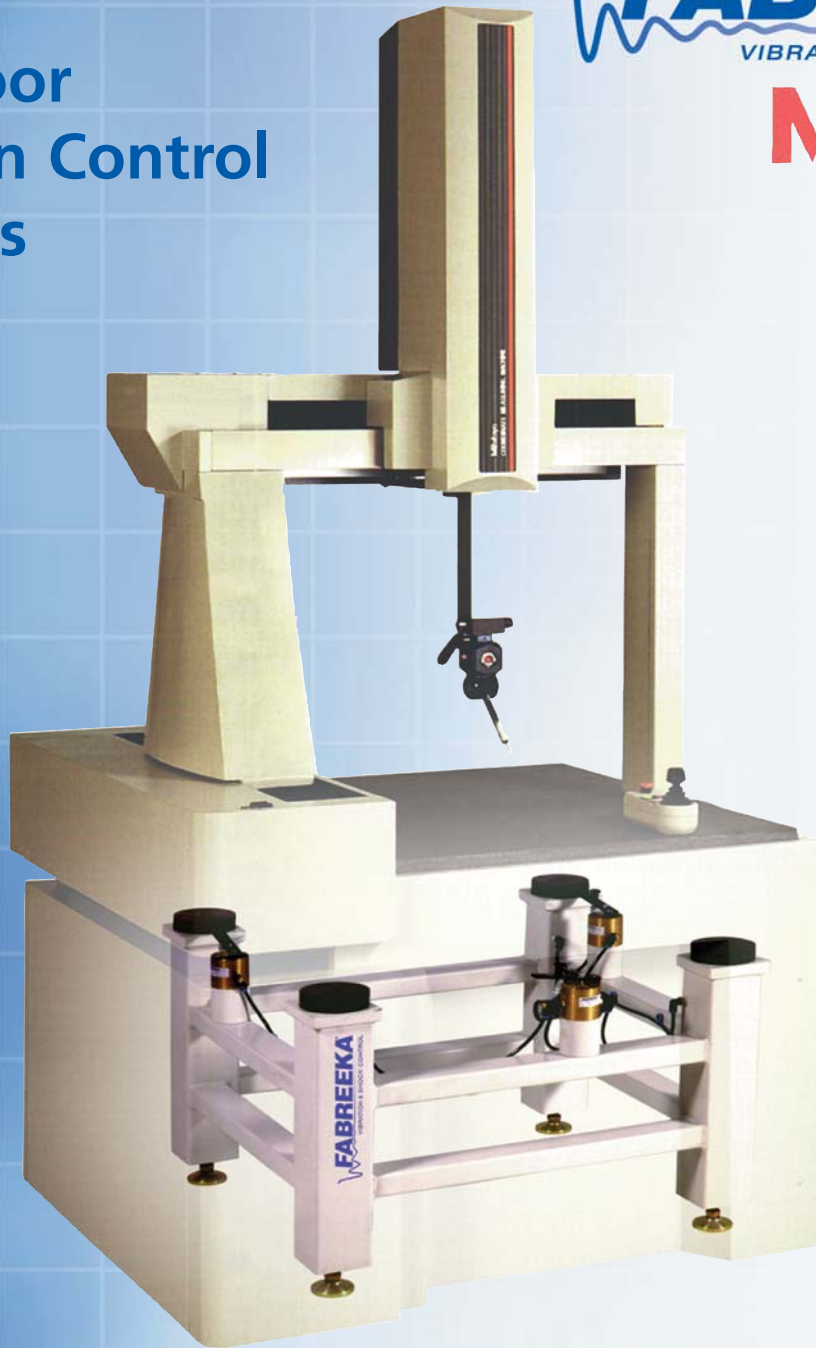


Shop Floor Vibration Control Solutions



Fabreka® International manufactures pneumatic vibration control systems to isolate CMM's from shop floor vibration and shock.

Custom built to maintain both the original look of the machine, and the hardware interface, the system allows the machine to be installed at the center of the manufacturing process without compromise to the repeatability or accuracy of the machine.

- *Completely portable*
- *Special foundation designs available*
- *Self-levelling work surface*
- *Recommended working height unchanged*
- *Systems available for all types of machines*

- **Vibration Site Measurement & Analysis**
- **Acceptance Testing**

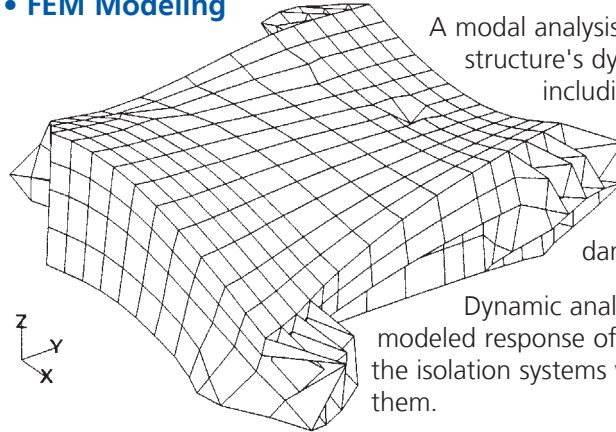


Low frequency vibrations and large shock inputs can affect the accuracy and throughput of precision machines and equipment.

Fabreeka® utilizes highly accurate instrumentation to quantify the amplitude and frequency of vibration to make proper vibration control recommendations.

Measurements with special data analysis requirements are performed regularly by our Engineering staff for unique projects worldwide.

- **Dynamic Deflection Analysis**
- **FEM Modeling**



A modal analysis characterizes a structure's dynamic properties including rigid body and bending mode shapes, frequency response and damping.

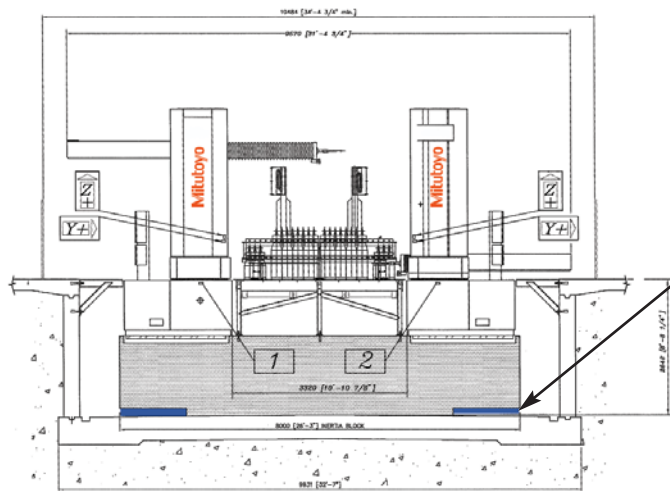
Dynamic analysis verifies the modeled response of structures and the isolation systems which support them.

Fabreeka's® capabilities include NASTRAN and finite element analysis (FEM) programs to analyze the static and dynamic conditions of our customers' vibration problems.

• **Structural Foundation Design**

Inertia blocks and support foundations are sometimes required as part of an isolation system design. Fabreeka's® expertise includes the design of rigid concrete masses and structural steel forms.

Our Civil and Structural Engineers design to frequency and stiffness specifications associated with the payload and the stiffness of the isolation system.



For more information on this or any Fabreeka® application, please contact one of our sales and service facilities worldwide.

World Headquarters

Fabreeka International Inc.
 PO Box 210
 1023 Turnpike Street
 Stoughton, MA 02072
 Tel: (800) 322-7352
 Tel: (781) 341-3655
 Fax: (781) 341-3983
 E-mail: info@fabreeka.com

Canada

Fabreeka Canada Ltd
 2907 Portland Drive
 Oakville
 ON L6H 5S4
 Tel: (800) 322-7352
 Fax: (781) 341-3983
 E-mail: info@fabreeka.com

Holland

Fabreeka bv Holland
 Molenwerf 12
 Postbus 133
 1910 AC Uitgeest
 Tel: 31 - (0)2513 20305
 Fax: 31 - (0)2513 12830
 E-mail: info@fabreeka.nl

Germany

Fabreeka GmbH Deutschland
 Hessenring 13
 Postfach 103 (D-64570)
 D-64572 Büttelborn
 Tel: 49 - (0)6152-9597-0
 Fax: 49 - (0)6152-9597-40
 E-mail: info@fabreeka.de

England

Fabreeka International Inc.
 8 - 12 Jubilee Way
 Thackley Old Road Shipley
 West Yorkshire BD18 1QG
 Tel: 44 - (0)1274 531333
 Fax: 44 - (0)1274 531717
 E-mail: info@fabreeka-uk.com