



Vibration Tables



Application: Provides uniform vibration of uncured cast polymer matrix during and after casting to completely fill molds and eliminate trapped air and air voids to produce high quality cast parts.

Gruber Vibration Tables are available with either pneumatic or heavier duty electric vibrators, and our standard wheelways or an optional roller conveyor version.



Shown above:
12 foot standard Pneumatic Vibrator
- equipped Table - #083081

Two Types of Vibrators

Pneumatic

Noisier. Significantly higher CFM (air) usage (relative to electric). Lower cost.

Electric

Quieter operation! Significantly lower CFM (air) usage. Higher cost.

Standard Configurations

Order these standard models, or call for custom requirements:

Standard Vibe Table with Pneumatic Vibrator

Our base model used in many shops. This table includes our #41 Pneumatic Vibrator, and is recommended for small shops, or for less frequent use.
10' - #083080; 12' - #083081

Standard Tub Vibe Table with Pneumatic Vibrator

Our base model used in many shops who produce a lot of bathtubs. These tables includes our #41 Pneumatic Vibrator.
10' - #083082; 12' - #083081

3-Phase Heavy-Duty Electric Vibration Table

Our most durable and reliable vibration table, with heavy-duty 3-phase electric vibrator and belt-driven counter-weights.
10' - #0831018; 12' - #0831019

3-Phase Heavy-Duty Electric Vibration Table with Roller Conveyor Top

12', 3-Phase Electric powered Vibe Table with roller conveyor.
12' - #162194

Standard Features

- Heavy-duty steel blue powder-coated frame construction
- Galvanized steel wheelway with stainless steel, low-rattle bearing wheels and heavy-duty bushings to isolate the vibration to the table-top and away from the table frame.
- Available to in either standard height version for general-purpose casting, or for lower tub height conveyor lines - to allow convenient transfer to and from the table's rubber skatewheel tracks with no lifting.
- Adjustable leveling feet to assure level matrix pours.
- Available in standard 10' (3.048m) or 12' (3.657m) lengths, but can be produced in custom lengths and widths to suit customer requirements.
- Available in basic pneumatic vibrator-equipped base model, or more durable and preferred electric models. Electric models are available in either single-phase (1Ø) or 3-phase (3Ø) versions.
- Durable welded steel frame is powder coated for years of protection and easy cleaning..
- An On/Off Ball Valve and Standard Pneumatic hook-ups to connect directly to your shop's compressed air line.
- The top of the table is separated from the frame by elastomeric isolators to reduce noise and increase the efficiency of the vibrator. One is included, and more may be added.

Learn more

visit www.gruber-systems.com/vibetables

Vibration Tables (continued)

Standard Features

Frame:

Height (to top of wheelway):	28" (71.12 cm)
Width	24" (60.96 cm)
Length	120" - 144" (304.8 - 365.76 cm)

Wheelway (wheel center to wheel center):

Width	20-1/8" (51.12 cm)
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Pneumatic Vibrator (@20 psi):

PSI required to Start	25 PSI (1.75 kg/cm ²)
Vibrations Per Minute (VPM)	3,200
Force	255 lb-force (115.6 kg-force)
Flow	9 CFM (0.25 m ³ /minute)

Electric Vibrator (220/440 volt, 3Ø, 60hz. @ 10% setting)

Vibrations per Minute	3,456 VPM
Pounds of force	230 LB
Full load current	1.26 / .69 Amps
Starting current	9.8 / 4.9 Amps

* Note: Electric vibrator configuration. 220/440 volt, 3Ø, 60hz. @ 10Amps. Tables should be hardwired by a qualified electrician to meet your local electrical codes. Additional controls may be necessary to meet your local regulations. Any additional requirements needed to deem this equipment operational will be obtained by buyer at buyers expense.

Replacement Parts



Replacement Wheel Assembly - #0831400



#023007



#023005



Electric Vibrator - # 0831174



#41 Pneumatic Vibrator - #08302014



Replacement Air Muffler - #08302015

Other Options:

Hose Assembly, Vibe Table, 3' length - #0830828

Hose Assembly, Vibe Table, 5' length - #0830834

Retrofit Vibe Table from Pneumatic to Electric - CALL! - # 0831181R



Molds and Process Control Equipment for Composites Manufacturing

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