



ETM-949, Elite 9x49 Variable Speed Mill

Product Images



ELITE MILLS FEATURE TWO CONVENIENT
PLUG-INS FOR POWERED ACCESSORIES



HAND SCRAPED WAYS FOR GREATER OIL
RETENTION AND SMOOTH MOVEMENTS



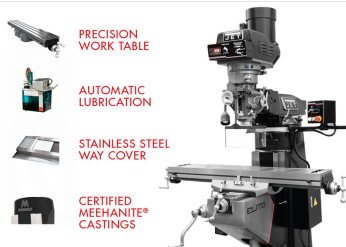
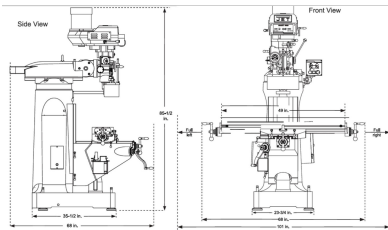
PATENTED VARI-DISC KEY PROVIDES UP TO 10 TIMES THE WEAR RESISTANCE THAN ALUMINUM OR BRASS KEYS



VARIABLE SPEED PULLEYS ARE GROUND AND MULTI-PLANE DYNAMICALLY BALANCED, REDUCING VIBRATION AND ENSURING SMOOTH SPEED TRANSITIONS



INDUSTRY LEADING SPINDLE TAPER RUNOUT OF 0.00012" ENSURES STRICT TOLERANCES



Description

Elite offers world class mills fully loaded with features. With Certified Meehanite® castings, an electronic spindle brake that prevents accidental startups, and a hardened and ground table, this mill provides reliability and durability for milling a diverse variety of materials. Our patented vari-disc key provides up to 10 times the wear resistance than aluminum or brass keys. The fully hardened Chromium Molybdenum spindle meets strict tolerance requirements and utilizes class 7210 (P4, ABEC-7) precision angular bearings for the industry-leading spindle taper runout of 0.00012". The Y- and Z-axis ways are hand scraped to a minimum of 16 points per square inch

for greater oil retention and smooth movements. Additionally, every 30 minutes, your Elite mill is automatically lubricated with a flow of 3 to 6 cc/cy. For operator safety, all Elite Mills are CSA/CUS Certified and come with a spindle safety guard.

Additional Information

Stock Number	JT9-894010
Amperage Draw @ 230V 3Ph	18
Collet Capacity	1/8 - 7/8
Distance Spindle to Column (Max.) (In.)	21-2/5
Distance Spindle to Column (Min.) (In.)	6
Gross Weight (Lbs)	2200
Head Movement (Deg.)	90°R & L 45° F & B
Max Distance Spindle to Table (In.)	18-3/4
Motor (HP)	3 HP, 230V, 3 Ph
Number of Spindle Speeds	Variable
Overall Dimensions (L x W x H) (In.)	68 x 63 x 84
Overall Height (In.)	84
Prewired Voltage (V.)	230
Prop 65	Cancer
Quill Diameter (In.)	3-3/8
Quill Down Feed Rates (IPR)	0.0015 - 0.003 - 0.006
Range of Spindle Speeds (RPM)	60 – 4,500
Spindle Taper	R8
Spindle Taper (In. x TPI)	R-8
Spindle Travel (In.)	5
Style (Type)	Variable Speed
T-Slot Centers (In.)	2-1/2
T-Slots Number and Size (In.)	3 - 5/8
Table Cross Travel (In.)	12
Table Longitudinal Travel (In.)	35

Table Size (L x W) (In.)	9 x 49
Travel of Knee (In.)	16
Travel of Ram (In.)	14
Weight (Lbs.)	2200
Work Table Weight Capacity (Lbs.)	550