EVS-949 MILL WITH 3-AXIS NEWALL DP700 (KNEE) DRO AND SERVO X-AXIS POWERFEED

894429

Elite offers World Class Mills fully loaded with features. When working on the design of the mills we focused our efforts on the most accurate spindle assembly to meet strict tolerance requirements. To improve the reliability and durability we went back and did things the old fashioned way, we hand scraped the ways to a minimum of 16-point per inch. For operator safety all Elite Mills are CSA / CUS Certified and all come with a spindle safety guard.

FEATURES

- A patented vari-disc key provides upt to ten times the wear resistance than aluminum or brass keys
- Ball bearing support of the motor shaft ensures proper loading, support and alignment for quiet, accurate operation at any speed
- Certified Meehanite® Castings
- Certified Meehanite® castings retain their tolerances and remain rigid through many years of machining
- Chromium Molybdenum spindle is fully hardened through a carbonizing treatment and is precisely ground to maintain strict tolerances
- Every thirty minutes, with a flow of 3 to 6 cc/cy your Elite mill is automatically lubricated
- Hardened and ground table
- Hardened and ground table provides a stable and accurate platform for milling a diverse variety of materials
- Heat treated and polished lead screws are supported by thrust bearings ensuring smooth, incremental movements of the table under load
- Seamless, one-piece, steel quill is induction hardened and chromed for increased strength and precision ground for greater accuracy
- Spindle utilizes class 7210 (P4, ABEC-7) precision angular bearings for the industry leading spindle taper runout of 0.00012"
- Stainless steel Y-Axis way cover provides extra years of protection over the standard sheet metal cover
- The electronic spindle brake, when activated, interrupts power to the spindle to prevent acidental start ups
- The mounted control box houses major mill functions as well as an emergency stop button
- The table and saddle backlash is controlled by an advanced double nut design that eliminates end-play for precisely controlled lateral movements
- 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
- Variable speed pulleys are ground and multiplane dynamically balanced, reducing vibration and ensuring smooth speed transitions

INDUSTRY LEADING WARRANTY AND SERVICE

All Elite Machinery is backed by a 3 Year Parts and Labor Warranty. The Elite 3-Year Warranty is backed by JET with over 55 years of providing unparalleled service and support. Contact 1-855-336-4032 for more information.

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SPECIFICATIONS

Powerfeed	X-Axis
Spindle Travel (In.)	5
Style (Type)	Variable Speed
Number of Axis	3 (Knee)
Table Size (L x W) (In.)	9 x 49
Weight (Lbs.)	2300
Spindle Taper (In. x TPI)	R-8
Max Distance Spindle to Table (In.)	18-3/4
Ampearge Draw @ 230V 3Ph	18
Distance Spindle to Column (Max.) (In.)	21-2/5
Range of Spindle Speeds (RPM)	60 - 5,000
Quill Diameter (In.)	3-3/8
Collet Capacity	1/8 - 7/8
Quill Down Feed Rates (IPR)	0.0015 - 0.003 - 0.006
Table Longitudinal Travel (In.)	36
Table Cross Travel (In.)	12
T-Slot Centers (In.)	2-1/2

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FULL SERIES

STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894090	ETM-949EVS CNC		5	Variable Speed		
894091	ETM-949EVS CNC		5	Variable Speed		
894050	ETM-949EVS		5	Variable Speed		
894309	ETM-949EVS		5	Variable Speed	2	
894385	ETM-949EVS		5	Variable Speed	2	
894386	ETM-949EVS		5	Variable Speed	2	USA Made
894383	ETM-949EVS		5	Variable Speed	2	
894384	ETM-949EVS		5	Variable Speed	2	USA Made
894381	ETM-949EVS	X-Axis	5	Variable Speed	2	
894382	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894314	ETM-949EVS		5	Variable Speed	2	
894312	ETM-949EVS		5	Variable Speed	2	
894313	ETM-949EVS		5	Variable Speed	2	USA Made
894310	ETM-949EVS	X-Axis	5	Variable Speed	2	
894311	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894330	ETM-949EVS		5	Variable Speed	2	
894335	ETM-949EVS		5	Variable Speed	2	
894336	ETM-949EVS		5	Variable Speed	2	USA Made
894333	ETM-949EVS		5	Variable Speed	2	
894334	ETM-949EVS		5	Variable Speed	2	USA Made
894331	ETM-949EVS	X-Axis	5	Variable Speed	2	
894403	ETM-949EVS		5	Variable Speed	2	

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EVS-949 MILL WITH 3-AXIS NEWALL DP700 (KNEE) DRO AND SERVO X-AXIS POWERFEED

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FULL SERIES

STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894401	ETM-949EVS		5	Variable Speed	2	
894402	ETM-949EVS		5	Variable Speed	2	USA Made
894399	ETM-949EVS	X-Axis	5	Variable Speed	2	
894400	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894332	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894351	ETM-949EVS		5	Variable Speed	2	
894421	ETM-949EVS		5	Variable Speed	2	
894422	ETM-949EVS		5	Variable Speed	2	USA Made
894419	ETM-949EVS		5	Variable Speed	2	
894420	ETM-949EVS		5	Variable Speed	2	USA Made
894417	ETM-949EVS	X-Axis	5	Variable Speed	2	
894418	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894356	ETM-949EVS		5	Variable Speed	2	
894357	ETM-949EVS		5	Variable Speed	2	USA Made
894354	ETM-949EVS		5	Variable Speed	2	
894355	ETM-949EVS		5	Variable Speed	2	USA Made
894352	ETM-949EVS	X-Axis	5	Variable Speed	2	
894353	ETM-949EVS	X-Axis	5	Variable Speed	2	USA Made
894323	ETM-949EVS		5	Variable Speed	2	
894397	ETM-949EVS		5	Variable Speed	3 (Knee)	
894398	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894395	ETM-949EVS		5	Variable Speed	3 (Knee)	

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FULL SERIES

STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894393	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	
894394	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894328	ETM-949EVS		5	Variable Speed	3 (Knee)	
894329	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894326	ETM-949EVS		5	Variable Speed	3 (Knee)	
894327	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894325	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894316	ETM-949EVS		5	Variable Speed	3 (Quill)	
894391	ETM-949EVS		5	Variable Speed	3 (Quill)	
894392	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894389	ETM-949EVS		5	Variable Speed	3 (Quill)	
894390	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894387	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894388	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894321	ETM-949EVS		5	Variable Speed	3 (Quill)	
894322	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894320	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894317	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894318	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894319	ETM-949EVS		5	Variable Speed	3 (Quill)	
894349	ETM-949EVS		5	Variable Speed	3 (Knee)	
894350	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made

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EVS-949 MILL WITH 3-AXIS NEWALL DP700 (KNEE) DRO AND SERVO X-AXIS POWERFEED

894429

FULL SERIES

STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894348	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894345	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	
894346	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894344	ETM-949EVS		5	Variable Speed		
894415	ETM-949EVS		5	Variable Speed	3 (Knee)	
894416	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894413	ETM-949EVS		5	Variable Speed	3 (Knee)	
894414	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894411	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	
894412	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894337	ETM-949EVS		5	Variable Speed	3 (Quill)	
894410	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894407	ETM-949EVS		5	Variable Speed	3 (Quill)	
894405	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894406	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894342	ETM-949EVS		5	Variable Speed	3 (Quill)	
894343	ETM-949EVS		5	Variable Speed		USA Made
894340	ETM-949EVS		5	Variable Speed	3 (Quill)	
894341	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894338	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894339	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894409	ETM-949EVS		5	Variable Speed	3 (Quill)	

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FULL SERIES

STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894365	ETM-949EVS		5	Variable Speed	3 (Knee)	
894433	ETM-949EVS		5	Variable Speed	3 (Knee)	
894434	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894431	ETM-949EVS		5	Variable Speed	3 (Knee)	
894432	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894429	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	
894430	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894370	ETM-949EVS		5	Variable Speed	3 (Knee)	
894371	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894368	ETM-949EVS		5	Variable Speed	3 (Knee)	
894369	ETM-949EVS		5	Variable Speed	3 (Knee)	USA Made
894366	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	
894367	ETM-949EVS	X-Axis	5	Variable Speed	3 (Knee)	USA Made
894358	ETM-949EVS		5	Variable Speed	3 (Quill)	
894427	ETM-949EVS		5	Variable Speed	3 (Quill)	
894428	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894425	ETM-949EVS		5	Variable Speed	3 (Quill)	
894426	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894423	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894424	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894363	ETM-949EVS		5	Variable Speed	3 (Quill)	
894364	ETM-949EVS		5	Variable Speed		USA Made

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STOCK NO	MODEL NO	POWERFEED	SPINDLE TRAVEL (IN.)	STYLE (TYPE)	NUMBER OF AXIS	POWER DRAW BAR
894362	ETM-949EVS		5	Variable Speed	3 (Quill)	USA Made
894359	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	
894360	ETM-949EVS	X-Axis	5	Variable Speed	3 (Quill)	USA Made
894379	ETM-949EVS		5	Variable Speed		
894380	ETM-949EVS		5	Variable Speed		USA Made
894377	ETM-949EVS		5	Variable Speed		
894378	ETM-949EVS		5	Variable Speed		USA Made
894372	ETM-949EVS	X-Axis	5	Variable Speed		
894376	ETM-949EVS	X-Axis	5	Variable Speed		USA Made
894373	ETM-949EVS	Y-Axis	5	Variable Speed		
894374	ETM-949EVS	Z-Axis	5	Variable Speed		
894375	ETM-949EVS		5	Variable Speed		USA Made
894307	ETM-949EVS		5	Variable Speed		
894308	ETM-949EVS		5	Variable Speed		USA Made
894305	ETM-949EVS		5	Variable Speed		
894306	ETM-949EVS		5	Variable Speed		USA Made
894300	ETM-949EVS	X-Axis	5	Variable Speed		
894304	ETM-949EVS	X-Axis	5	Variable Speed		USA Made
894301	ETM-949EVS	Y-Axis	5	Variable Speed		
894302	ETM-949EVS	Z-Axis	5	Variable Speed		

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