

KTM-3VS Milling Machine



OUTSTANDING FEATURES:

3 HP spindle motor, 60 – 500 – 4200 rpm variable speed milling head
 9" x 49" table, hardened and ground for long-lasting performance
 T-slots ground parallel to table ways for easy and precise set ups
 Precision ground lead screws with backlash compensating double nut
 Meehanite casting with built-in coolant reservoir in machine base
 Centralized one-shot lubrication with metered check-valve distribution

GENERAL SPECIFICATIONS:

MACHINE CAPACITY:		MILLING HEAD:	
Table size	9" x 49" (opt 9" x 42")	Spindle motor	3 hp (dual voltage 220/440v)
Table travel (X-axis)	35" (28" on 9x42)	Spindle taper	R-8 (NMTB-30 option available)
Saddle travel (Y-axis)	12"	Spindle speed range	60 – 500 – 4200 rpm (2 range, Hi/Lo)
Knee travel (Z-axis)	15"	Quill diameter	3.375"
Quill travel	5"	Quill power feed (per rev)	0.0015" / 0.003" / 0.006"
Ram travel	14.5"	Drilling capacity (manual)	ø 0.75"
Table load capacity	750 lbs (distributed)	Drilling capacity (power)	ø 0.37"
T-slots (number x width)	3 x 5/8"	Boring capacity	ø 6.0"
		Milling capacity	2.0 in ³ /min
		Head rotation (manual)	+/- 90° rotation, +/- 45° tilt
UTILITY:		WEIGHT & DIMENSION:	
Machine power required	220v or 440v / 3PH / 10A (5A on 440v)	Machine weight	2450 lbs
Coolant reservoir	2 gallon	Shipping weight	2550 lbs
Lubrication tank size	0.25 gallon	Packing dimension	72" x 72" x 88" (skid)

KTM-3VS Milling Machine (ASK TO YOUR SALES MAN)

STANDAR ACCESSORIES

with R-8 spindle, 3 hp spindle motor
9" x 49" table size hardened and ground
with T-slots ground parallel to table ways
with one-shot lubrication system and metered check-valve distribution
with standard tool/accessories and manual

OPTIONS AND ACCESSORIES(ASK TO YOUR SALES MAN):

DRO-203	DRO (Digital Readout System) 2-axis 0.0002" resolution
DRO-INST	DRO installation charge
PFEED-X	Table (x-axis) power feed
PFEED-Y	Saddle (y-axis) power feed
PFEED-Z	Knee (z-axis) power feed
APD-MT	Air power drawbar unit (Maxi-Torque, made in USA)
FCOOL-INT	Flood coolant system (internal reservoir)
CHIP-PAN	Chip pan
SPDL-30	Option for #30 (NMTB-30) spindle
WISE-6	Angle-lock vise 6"
R8-SET	R-8 collet set (11 pc, 1/8" – 3/4")
CLAMP-52	Clamping kit 52 pc
ROT12-VH	Rotary table 12" vertical/horizontal
RIGHT-AA	Right angle milling attachment with arbor support
RISER-4	Riser block 4"
RISER-6	Riser block 6"
RISER-8	Riser block 8"
3VS-42	Option for 9" x 42" table size