



GMC SUPER PRECISION TOOLROOM LATHES
Model # GMC TL-618EVS
MADE IN TAIWAN

GMC TL-618EVS, 6" x 18", inverter drive spindle, 3 HP, 220V,3PH.

Standard Features

- Made in Taiwan
- ISO 9001 certified
- Spindle run-out within 0.00005" (50 millionths inch)
- Turcite-B coating on guideways
- 3HP Yaskawa inverter drive spindle motor
- Infinity Yaskawa inverter drive spindle speeds from 0-4,000 rpm
- Easy to read digital readout on actual spindle rpm speeds
- Electric variable automatic feeding control on carriage and cross slide
- Quick change tool post slide for threading
- Dual range inch/metric quick change gear box
- **Automatic thread length control w/ fine adjustable stops for accurate threading**
- 36 kinds of inch threads, and 36 kinds of metric threads
- Spindle is balanced, hardened and precision ground
- High precision pre-loaded angular contact bearings for spindle
- Lubrication system for headstock, feed box, ways and leadscrews
- Power 220V, 3 phase (220V, 1 phase is optional)
- One year industrial warranty for parts

SUPER PRECISION TOOLROOM LATHES , TAIWAN

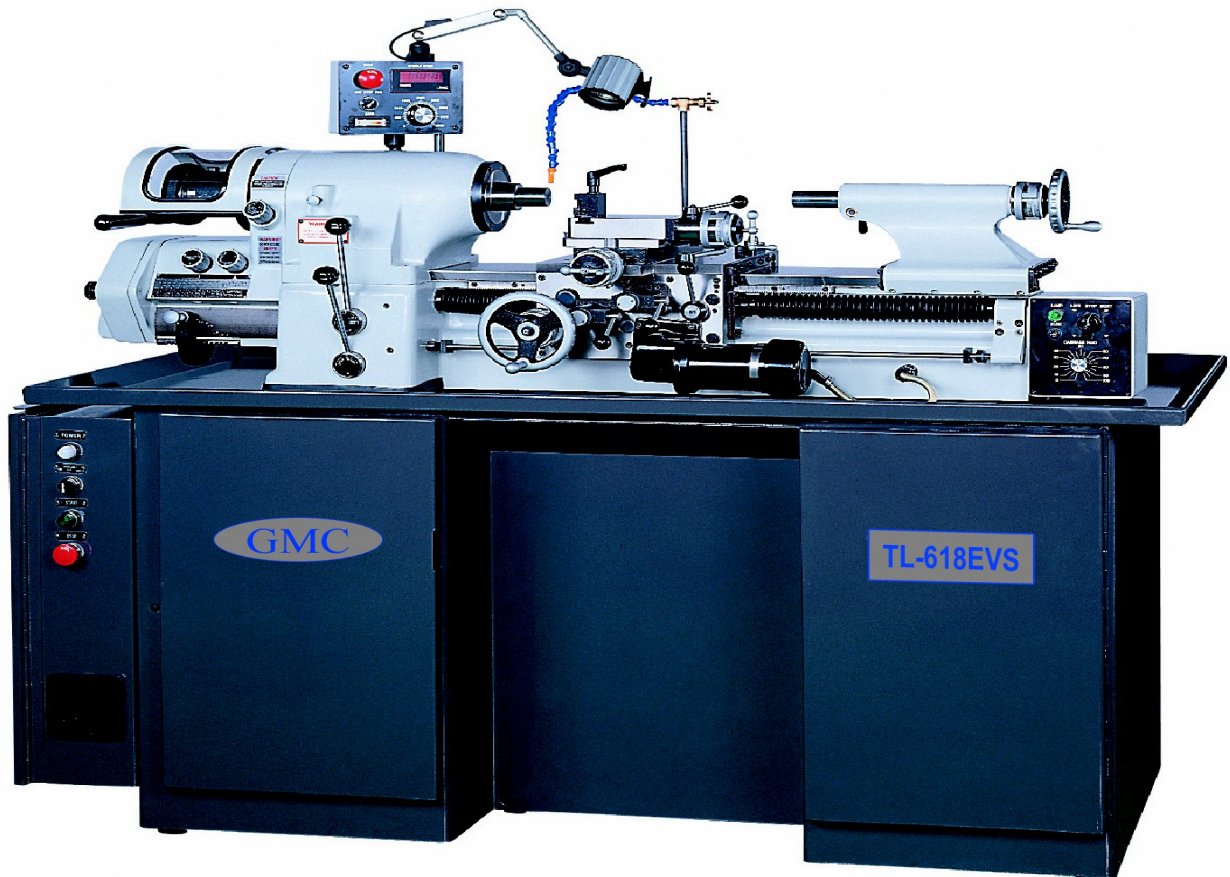
Specifications	GMC TL-618EVS
Max. swing over cross slide	6"
Distance between centers	18"
Max. swing over bed	11"
Swing over carriage	9"
Spindle capacity:	
with 3-jaw chuck	6"
With expanding collets	3"
With round 5C collets	1-1/16"
With hexagon 5C collets	7/8"
With Square 5C collets	3/4"
With step chucks	1-1/16" to 6"
Spindle nose diameter	2.189"
Spindle nose ID/OD	5C / 4 degree taper
Spindle thru hole	1-1/4"
Bar stock diameter with 5C closer	1-1/16"
Variable spindle speeds	0-4,000 rpm (5C) / 0-3,000 rpm.
With 6" 3-jaws chuck	
Leadscrew diameter / pitch	1" / 8TPI
Carriage power feed speed range	5/16" to 7" /min.
Cross slide power feed range	3/16" to 4" / min.
Cross slide travel	6"
Quick change compound slide travel	0.1"
Compound slide travel	3"
Inch threads	11-118 TPI , 36 kinds
Metric threads	0.275-2.7mm, 36 kinds
Tailstock quill diameter	1-3/8"
Tailstock quill taper	MT# 2
Tailstock quill travel	3-3/4"
Spindle motor (inverter drive)	3HP, 220V, 3 phase
DC feeding motor	110V, 70 W
Inverter drive for gear box	---
Coolant pump	1/8HP, 220V, 3 phase
Machine weight , approx.	2,530 LBS
Machine dimensions, LxWxH	73" x 30" x 67"

Standard Equipment for GMC TL-618EVS:

- 5C collet closer installed
- 8" drive plate with drive dog
- Drive gear
- Halogen work light
- * Quick change gear box
- * Dual inch / metric dials
- * Coolant system
- * Tool box with tools

Optional Equipment for GMC TL-618EVS

- 6" zero-set 3-jaw chuck with taper back plate #3jaw-6-618EVS.
- 6" 4-jaw chuck with taper back plate # 4-jaw-6-618EVS.
- Taper turning attachment (installation is optional)# TA-618EVS.
- Full length rear splash guard # RSG-618EVS.
- NEWALL DRO, # C80 # NW618,.
- 33 pc round 5C collet set, from 1/16 to 1-1/16" by 32ndth, # 900-0014.
- 13 pc hexagon 5C collet set, 1/8" to 7/8" by 1/16th, # 900-0015-17.
- 11 pc square 5C collet set, 1/8" to 3/4" by 1/16" , # 900-0015-64.
- 220V, 1 phase version (upgrade to 5HP inverter) # SPV-TL618.



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