

High Speed Precision Lathes TY-2680, TY-26120, TY-26160

MAIN FEATURES

Hardened and precision ground gears and bed way.

The cross slide is induction hardened to HRC 52° and precision ground.

The slide ways between the saddle and bed are TURCITE B coated, reducing friction and saving on power consumption.

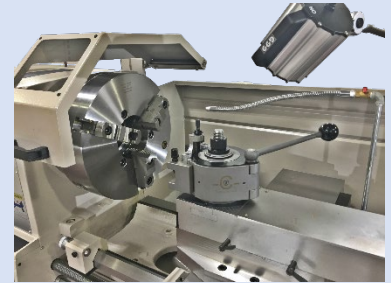
Two speed tailstock is standard.



Machine may be illustrated with optional accessories.

Model:		TY-2680	TY-26120	TY-26160
CAPACITY				
Distance between centers		2040 mm (80.31")	3060 mm (120.47")	4060 mm (159.84")
Swing over bed		660 mm (25.98")		
Swing over cross slide		430 mm (16.92")		
Swing in gap		820 mm (32.25")		
Length of gap front of face plate		320 mm (12.59")		
Center height		330 mm (12.99")		
Bed width		400 mm (15.74")		
HEADSTOCK				
Spindle bore		105 mm (4.13")		
Spindle nose		D1-11		
Spindle taper in nose		MT8		
Spindle taper in sleeve		MT5		
Speed range (12 steps)		15 – 1200 rpm		
CARRIAGE & COMPOUND				
Cross slide travel		380 mm (14.96")		
Compound rest travel		255 mm (10.03")		
Leadscrew diameter, thread		ø1 1/2", 4 TPI		
THREADS & FEEDS				
Imperial pitches	60 Pos	2-112 TPI		
Metric pitches	60 Pos	0.2-14 mm		
Diametral pitches	50 Pos	4-112 DP		
Module pitches	50 Pos	0.2-7 MP		
Cross feeds	50 Pos	0.0185-0.52 mm/rev (0.0007-0.01935"/rev)		
Longitudinal feeds	50 Pos	0.037-1.04 mm/rev (0.0014-0.0387"/rev)		
TAILSTOCK				
Quill diameter		ø75 mm (ø2.95")		
Quill travel		160 mm (6.29")		
Quill taper		MT5		
MOTORS				
Spindle motor		15hp		
Coolant pump		1/8hp		
Electrical rating		600V 20Amp 3Ph 60Hz		
WEIGHT & DIMENSIONS				
Machine length		3660 mm (144)	4675 mm (184")	5690 mm (224")
Machine width		1360 mm (53.5")		
Machine height		1370 mm (54")		
Net weight		2580kg(5687 lb)	3080kg(6790 lb)	3580kg(7892 lb)

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ACCESSORIES

Standard:

- Headstock chuck guard
- Coolant system
- Rear splash guard
- Micro stop
- Steady rest w/roller bearings 4-12"
- Follow rest
- 2 Speed tailstock

Included:

- GS3-C Klopfer Quick Change precision tool post set includes:
1pc CD -32150 Tool holder
1pc CD-40170 Tool holder
1pc CH-40160 Bar holder
- 2-Axis digital readout installed (TY-2680 only)
- Longitudinal rapid traverse (TY-26120, TY-26160 only)

Optional:

- 12" 3-Jaw D1-11 self-centering precision steel chuck, direct mount
- 16" 3-Jaw D1-11 self-centering precision steel chuck, direct mount
- 20" 4-Jaw D1-11 independent chuck, direct mount
- 2-Axis digital readout installed (TY-26120, 26160)
- Taper attachment
- LED Machine lamp



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