

High Speed Precision Lathes TY-1630S, TY-1640S

MAIN FEATURES

One piece Meehanite cast base.

Hardened and precision ground bed way.

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

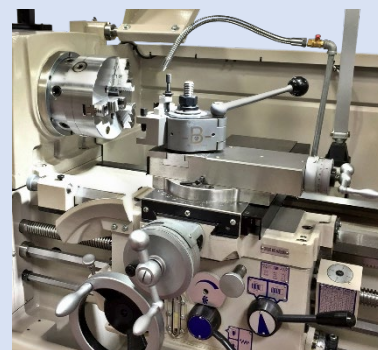
The slideways between the saddle and bed are TURCITE B coated, reducing friction and saving on power consumption.



Machine may be illustrated with optional accessories.

Model:		TY-1630S	TY-1640S
CAPACITY			
Distance between centres		762 mm (30")	1016 mm (40")
Swing over bed		410 mm (16.14")	
Swing over cross slide		240 mm (9.44")	
Swing in gap		-	595 mm (23.42")
Length of gap in front of face plate		155 mm (6.10")	
Centre height		205 mm (8.07")	
Bed width		300 mm (11.81")	
HEADSTOCK			
Spindle bore		52 mm (2.04")	
Spindle nose		D1-6	
Spindle taper in nose		MT6	
Spindle taper in sleeve		MT4	
Speed range (12 steps)		30 – 2000 rpm	
CARRIAGE & COMPOUND			
Cross slide travel		240 mm (9.44")	
Compound rest travel		120 mm (4.72")	
Leadscrew diameter, thread		ø1 1/4", 4 TPI	
THREADS & FEEDS			
Imperial pitches	40 Pos	2-56 TPI	
Metric pitches	52 Pos	0.4-14 mm	
Diametral pitches	32 Pos	4-56 DP	
Module pitches	44 Pos	0.4-7 MP	
Cross feeds	40 Pos	0.016-0.449 mm/rev (0.0006-0.0126"/rev)	
Longitudinal feeds	40 Pos	0.032-0.898 mm/rev (0.0012-0.0252"/rev)	
TAILSTOCK			
Quill diameter		ø54 mm (ø2.12")	
Quill travel		130 mm (5.11")	
Quill taper		MT4	
MOTORS			
Spindle motor		5hp	
Coolant pump		1/8hp	
Electrical rating		600V 7.5Amp 3Ph 60Hz	
WEIGHT & DIMENSIONS			
Machine length		2000 mm (78.75")	2250 mm (88.6")
Machine width		1030 mm (40.5")	
Machine height		1270 mm (50")	
Net weight		1575 kg (3472 lb)	1750 kg (3858 lb)

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ACCESSORIES

Standard:

- Headstock chuck guard
- Coolant system
- Rear splash guard
- Micro stop
- Steady rest w/roller bearings 1-6"

Included:

- 8" 3-Jaw D1-6 self-centering precision steel chuck, direct mount
- GS2-B Klopfer Quick Change precision tool post set includes:
2pc BD-25140 tool holders
1pc BH-30130 bar holder
- 2-Axis digital readout installed

Optional:

- 10" 4-Jaw D1-6 independent chuck, direct mount
- 12" 4-Jaw D1-6 independent chuck, direct mount
- Follow rest
- Taper attachment
- LED Machine lamp
- Machine with gap (TY-1630S)



Heinman Machinery Ltd.

6105 Kestrel Rd, Mississauga ON L5T 1Y8

T 905-564-9479

sales@heinmanmachinery.com

www.heinmanmachinery.com