

**SPECIFICATION**

Unit: mm / inch

ITEM MODEL	HG-660		HG-760		HG-800		HG-840		
	1200	1700	2200	3200	4200	5000			
<b>CAPACITY</b>	Swing over bed								
	Swing over cross slide								
	Swing over gap								
	Distance between centers								
<b>BED</b>	Width of bed								
	Width of gap (Spindle end face)								
	Length of bed								
<b>HEADSTOCK</b>	Spindle bore								
	Number of spindle speeds								
	Range of spindle speeds								
	Spindle nose								
<b>CARRIAGE</b>	Width of carriage								
	Cross slide travel								
	Compound rest travel								
	Tool shank								
<b>TAILSTOCK</b>	Diameter of barrel								
	Travel of barrel								
	Taper of barrel								
<b>THREADS</b>	Lead screw diameter & pitches								
	Range of metric pitches								
	Range of inch pitches								
	Range of diametral pitches								
	Range of module pitches								
<b>FEEDS</b>	Feed rod diameter								
	Range of longitudinal feeds								
	Range of cross feeds								
<b>MOTOR</b>	Main spindle motor								
	Coolant pump motor								
	Rapid motor								
<b>MACHINE SIZE</b>	Without back splash guard (LXWXH)	HG-660		HG-760		HG-800		HG-840	
		The width of machine size with back splash guard : 1240 mm (48.81")							
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
<b>MEASUREMENT</b>	N.W. / G.W. (approx) Kgs	HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
<b>MEASUREMENT</b>	Packing size (LxWxH)	HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
		HG-660		HG-760		HG-800		HG-840	
STANDARD COLOR									
Upper part : RAL-7035 light gray + lower part : RAL-5015 blue									

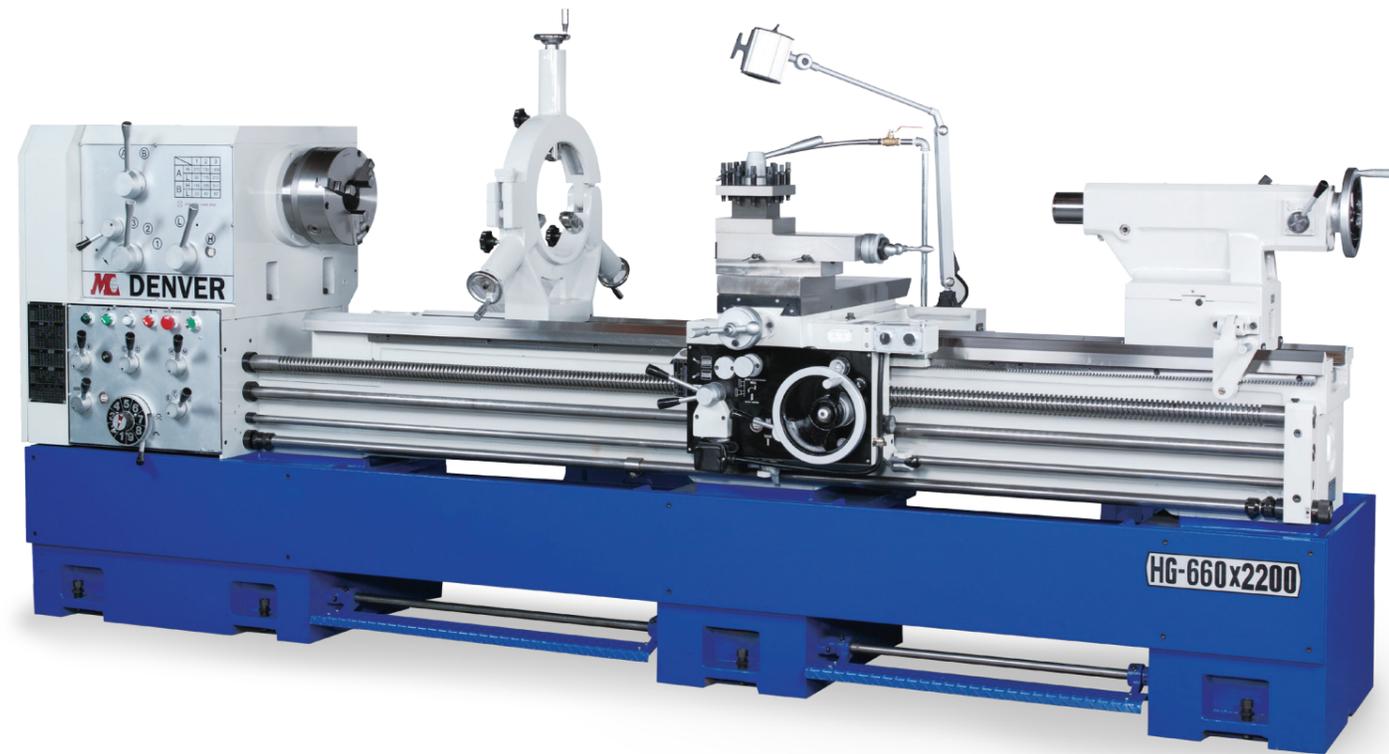
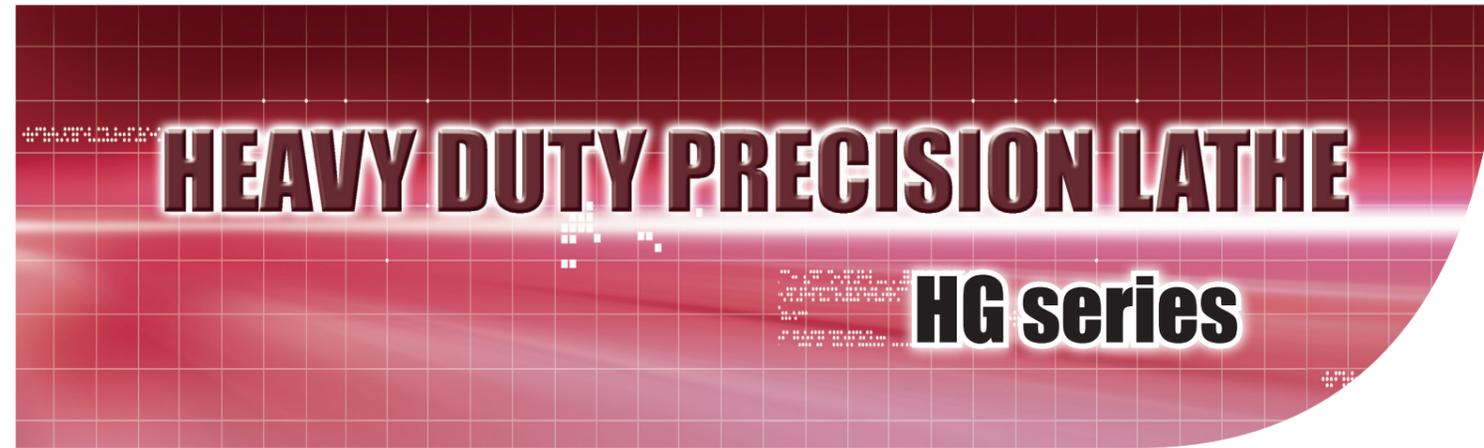
- Except model HG-4200 series standard with straight bed, all above HG lathes are made with gap bed.
- HG-4200 series with gap bed shall be made on request.
- HG-5000-5200 special customized on request.
- We reserve the right to modify and improve our products without notice.
- Welcome to check with us for other specification and special purpose of functions, which is accepted to be customized.

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CE ISO 9001



#### FEATURES :

This machine is suitable for heavy cutting, easy operation, high tenacity, stability and heavy workload, which are good for heavy turning of mold, gear, wheel, shaft, central spindle etc.

#### Base

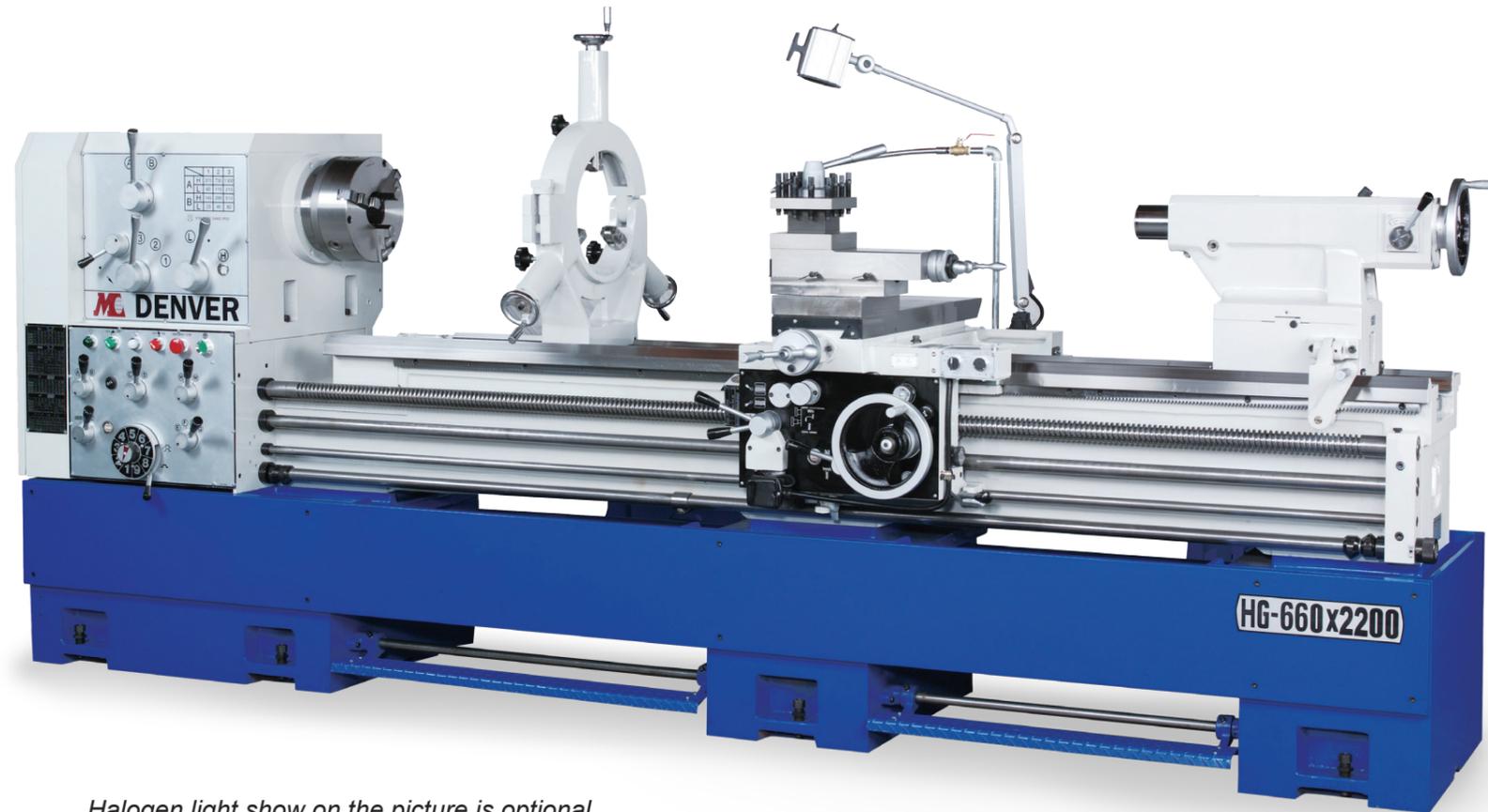
Designed for heavy duty cutting; this base is made of high quality Mechanite casting and design of rigid construction increase the loading capacity and processing stability.

#### Compound rest

Adopt 4-point tightened the rest to ensure the stability of compound rest. Wider tool post and top slide are induction hardened and ground precisely to promise a long life.

#### Spindle & headstock

12-step speed change, the spindle is supported by three points with bearings. Gears and spindle are made of high quality alloy carbon treated, spindle bore 80mm or 105mm, precision ground to acquire much superior hardness and tenacity.



Halogen light show on the picture is optional.

photo shown HG-660X2200

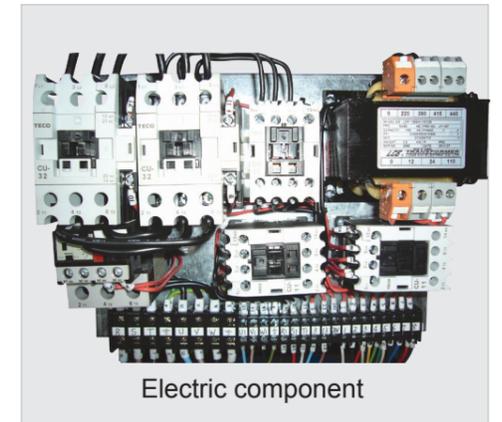
#### STANDARD ACCESSORIES:

1. X,Z-axes auto lubrication system
2. Metric / Inch gear box
3. Coolant device
4. Longitudinal adjustable position feed stop
5. Tailstock two steps device
6. 3-Jaw scroll chuck 10"
7. Back plate of chuck
8. Steady rest  $\phi 11-1/2$  "
9. Center sleeve MT-5
10. Dead center
11. Toolpost screw wrench
12. Level pads
13. Tools & tool & tool box
14. Operation manual
15. Longitudinal & cross rapid feeding  
-only for HG-2200,3200,4200

Actual standard accessories shall be subject to quotation sheet.

#### OPTIONAL ACCESSORIES:

1. Follow rest
2. 4-jaw independent chuck 20" ,25"
3. Face plate with 4-jaw 24" , 26" ,28" ,30"
4. Longitudinal & cross rapid feeding  
- only for HG-1200,1700
5. Halogen light
6. Digital readout
7. Back splash guard
8. Quick change tool post  
(instead of tool post)  
( standard or European style )
9. CE equipment
10. Taper turning attachment
11. Grinder
12. Hydraulic copy attachment



Electric component

#### Gear box

- (1) Adopt metric / inch gearbox for inch, metric, DP, MP, threading and multiple threads, all function is reached without any change gear, wide and complete range of threads and operating easily to improve production efficiency.
- (2) Two T.P.I per inch is available for inch threading, which provide wider threading range than other similar specification of lathe and more convenient for operating.

#### Carriage & saddle

The contacting surfaces with bedways are pasted with Turcite-B. The slot surface of dovetail slide way has been ultra-frequency heat treated (induction hardened and ground) to promise a long service life.

#### Apron

Enforced oil feeding device, which ensure the slide ways with proper lubricating, effectively keep high accuracy turning, reduce the wearing of slide ways. Provide safety device to prevent the collision while turning from danger.

#### Cross slide screw:

Two point support and suitable for heavy duty turning.

#### Tailstock

Two steps fixed device for tailstock increase the capacity of heavy duty turning and drilling stability.  
Two steps feeding device for easy operation.