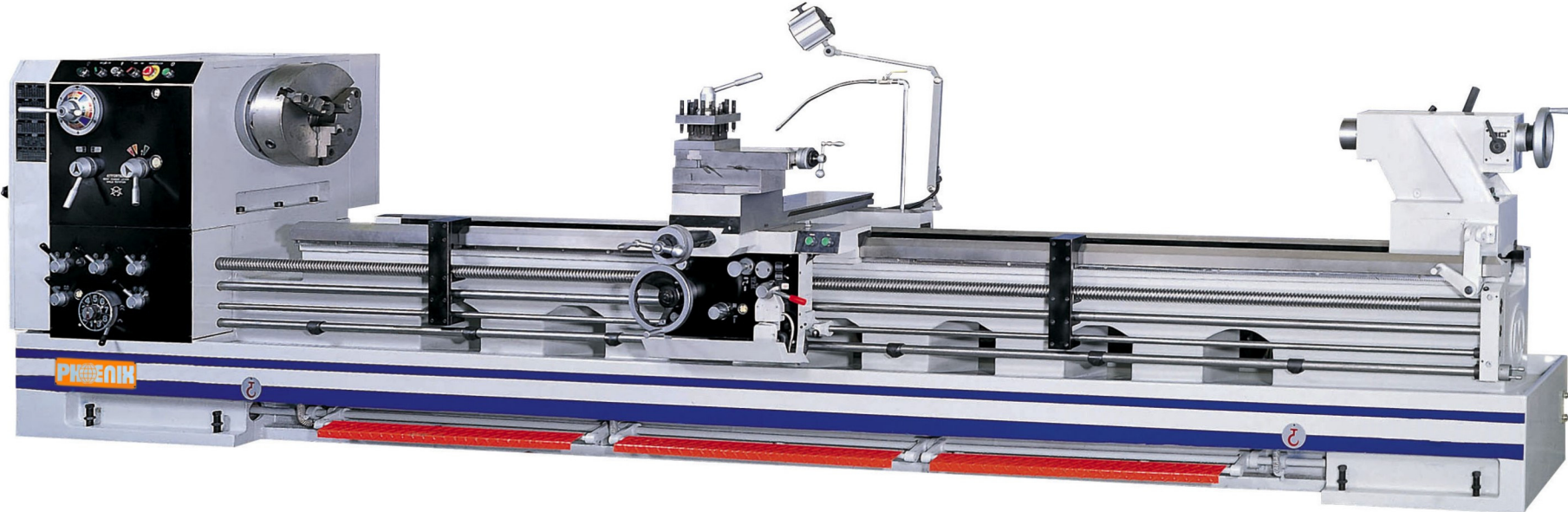




# HEAVY DUTY POWERFUL LATHE



▲ FL-780x4000G

# SPECIFICATION :

MODEL	FL-680		FL-780			FL-880			FL-980					
	1100G	1600G	2000G	2500G	3000G	3500G	4000G	5000G	6000G	7000G	8000G			
<b>CAPACITY</b>														
Swing over bed	680mm(26-7/8")		780mm(30-7/8")			880mm(34-3/4")			980mm(38-9/16")					
Swing over cross slide	440mm(17-3/8")		540mm(21-1/4")			640mm(25-1/4")			740mm(29-1/8")					
Swing in gap x width of gap	970x482mm(38-1/8"x19")		1070x482mm(42-1/8"x19")			1170x482mm(46"x19")			1270x482mm(50"x19")					
Distance between centers	1100 1600		2000 2500		3000 3500		4000 5000		6000 7000		8000 mm			
Height of center (over bed)	340mm(13-3/8")		390mm(15-3/8")			440mm(17-3/8")			490mm(19-5/16")					
Bed width	458mm (18")													
<b>HEADSTOCK</b>														
Spindle nose	A2-11 (or D1-11) (φ105/155mm bore) or A2-15(φ230mm bore), (opt.)													
Spindle bore	105mm (4-1/8") or 155mm(6-1/16"), (opt.) or 230mm(9") (for FL-880/980 only), (opt.)													
Number of spindle speed	12													
Range of spindle speed	12, 20, 29, 40, 55, 85, 120, 175, 300, 445, 650, 1000 r.p.m.(φ105mm bore) or 10, 17, 25, 36, 47, 70, 100, 150, 245, 370, 540, 800r.p.m.(φ155mm bore) (opt.)													
<b>FEEDS-THREAD</b>														
Lead screw dia.	45mm (1-3/4")													
Number of feed changes	28													
Longitudinal feed range	0.05~0.7 mm/rev.													
Cross feed range	0.025~0.35 mm/rev.													
Inch threads	2~28 T.P.I. (36)													
Metric threads	0.8~14 mm (65)													
D.P no./ range	4~56 D.P. (36)													
Module pitch no./ range	0.5~7 M.P. (22)													
<b>TOOL SLIDE</b>														
Cross slide travel	390mm (15-3/8")													
Compound rest travel	240mm (9-1/2")													
<b>TAILSTOCK</b>														
Spindle travel	210mm ( 8-1/4")													
Spindle diameter	105mm (4-1/8")													
Taper of center	M.T. # 6													
<b>MOTOR</b>														
Main motor	15HP/4P or 20HP/4P (opt.)													
Rapid feed motor	1/4 HP													
<b>BED</b>														
Coolant pump	1/8 HP													
Length	1100Gx2750mm		1600Gx3250mm		2000Gx3750mm		2500Gx4250mm		3000Gx4750mm		3500Gx5250mm	4000Gx5750mm	5000Gx6750mm	
	6000Gx7750mm		7000Gx8750mm		8000Gx9750mm									
Base width	1240mm(48-13/16")													
Height	1350mm(53-1/8")		1400mm(55-1/8")			1450mm(57")			1500mm(59")					
N.W	1100Gx3300kgs		1600Gx3600kgs		2000Gx3900kgs		2500Gx4200kgs		3000Gx4500kgs		3500Gx4800kgs		4000Gx5100kgs	5000Gx6300kgs
	6000Gx7000kgs		7000Gx7700kgs		8000Gx8400kgs									
G.W	1100Gx3450kgs		1600Gx3800kgs		2000Gx4150kgs		2500Gx4500kgs		3000Gx4850kgs		3500Gx5200kgs		4000Gx5600kgs	5000Gx7000kgs
	6000Gx7700kgs		7000Gx8400kgs		8000Gx9200kgs									
Packing size (L)	1100Gx2850mm		1600Gx3350mm		2000Gx3850mm		2500Gx4440mm		3000Gx4870mm		3500Gx5370mm		4000Gx5870mm	5000Gx6870mm
	6000Gx7880mm		7000Gx8890mm		8000Gx9900mm									
Packing size (W)	1660mm(65-3/8")													
Packing size (H)	1550mm(61")		1600mm(63")			1650mm(65")			1700mm(66-15/16")					

## STANDARD ACCESSORIES :

- Chuck back plate 1pc
- Rapid feed system 1set
- Center #MT6 1pc
- Coolant system 1set
- Work light 1set
- Tool box 1set

## OPTIONAL ACCESSORIES :

- 12"/15" 3-Jaw scroll chuck
- 15"/20" 4-Jaw independent chuck
- Taper attachment
- Follow rest
- 24" Face plate
- Steady rest 11", 16", 22"
- Splash guard



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