

POLYTOP

Exporter from china

PTKC2230ZX/2200ZX/2180ZX BIG BORE GAP-BED LATHE



Product features:

- The surface of the bed ways is supersonic frequency hardened and precision ground with a long service life. The design of the main drive is optimized and the gears in the headstock are precision ground. The noise of the machine is low and its sound is pleasing to hear.
- The spindle bore size is 80mm. The spindle system is high in rigidity and accuracy. There is no vibration when turning with a cutting depth of 10mm.
- There is no need for change gears. The machine can turn about 200 kinds of metric, whitworth, module and D.P. Threads including special whitworth threads such as 7-1/2, 9-1/2, 10-1/2, 11 11-1/2, 13 13-1/2, 19, 27t.p.i. and pipe threads.
- An automatic stopping device is used to realize automatic stop for the machining of a certain length workpiece, which is safe and reliable. The main drive adopts Japanese HONDA motorcycle braking device which stops the machine quickly and effectively.

Machine data		PTKC2230ZX			PTKC2200ZX		PTKC2180ZX	
		1880ZX	1860ZX	1840ZX	1660ZX	1640ZX	1460ZX	1440ZX
Max. swing diameter	Over bed (mm)	460(18")			410(16")		360(14")	
	Over carriage	290(mm)(10-4/5")			250(mm)(10")		200(mm)(7-2/3")	
	In gap (mm)	700(27-1/2")			660(26")		600(23-5/8")	
Max. length of workpiece		2000(mm)(80")	150(mm)(60")	100(mm)(40")	1500(mm)(60")	1000(mm)(40")	1500(mm)(60")	100(mm)(40")
Effective gap length (mm)		200(8")						
Spindle	Spindle bore	ø80(mm) (3-1/8")						
	Taper of bore	M.T.No.7						
	Number of speeds	12						
	Range of speeds	42-1800 or 25-1800 (r.p.m)			42-1800 or 25-1800 (r.p.m)		42-1800 (r.p.m)	
Thread cutting	Metric Range/No.	0.5 _j < 20mm/24						
	Whitworth Range/No.	72 _j < 1-5/8 t.p.i./61						
	D.P. range/No.	96 _j < 3-1/4D.P/45						
	Module Range/No.	0.25 _j < 10M.P/20						
Range of feeds	Longitudinal	0.04-2.46 (mm) (0.0015"-0.0913")						

	Cross (mm)	0.03-1.23 (0.0006"-0.0365")						
Tailstock sleeve	External diameter	75(3") (mm)						
	Taper of bore	M.T.No.5		M.T.No.4		M.T.No.4		
	Max. Travel	130 (mm) (5")						
Max. travel of compound rest		100(mm) (4")						
Max. cross slide travel		230(mm) (9")						
Max. size of tool shank (W _i ÁH)		25 _i Á25(mm) (1"x1")						
Power of main motor (kw)		5.5						
Overall dimensions (L _i ÁW _i ÁH) (mm)		3320 _i Á1000 _i Á1295	2810 _i Á1000 _i Á1295	2310 _i Á1100 _i Á1255	2810 _i Á1000 _i Á1275	2310 _i Á1000 _i Á1275	2810 _i Á1000 _i Á1255	2310 _i Á1000 _i Á1255
Net weight (kg)		3055	2835	2635	2630	2485	2510	2355
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