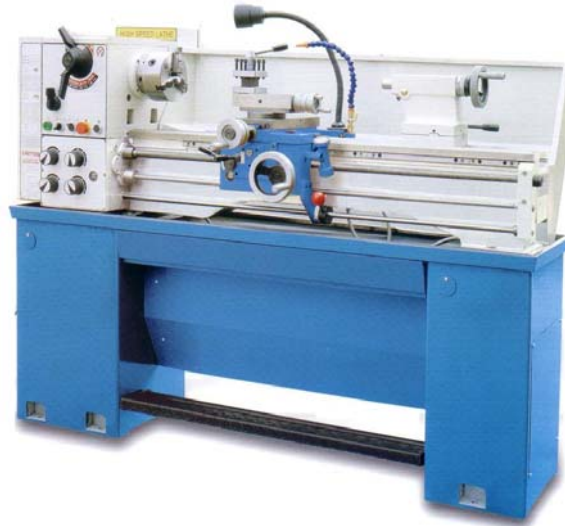


PTC165AY & PTC180AY Bench Lathe



MODELS	PTC165AYx750	PTC165AYx1000	PTC180AYx750	PTC180AYx1000
Swing over bed	330mm(13")		360mm(14")	
Swing over cross slide	198mm(7-25/32")		212mm(8-1/6")	
Swing in gap diameter	476mm(18-3/4")		491mm(9-1/3")	
Swing in length	210mm(8-1/4")		210mm(8-1/4")	
Center height	166mm(6-1/2")		166mm(6-1/2")	
Admits between	750mm(30")	1000mm(40")	750mm(30")	1000mm(40")
Bed width	187mm(7-3/8")		187mm(7-3/8")	
Bed length	1248mm(49-1/8")	1655mm(65-1/8")	1363mm(53-2/3")	1655mm(65-1/8")
Spindle bore	38mm(1-1/2")		38mm(1-1/2")	
Spindle nose	D1-4" or A2-4"		D1-4" or A2-4"	
Taper in nose	NO.5 morse		NO.5 morse	
Taper in sleeve	NO.3 morse		NO.3 morse	
Speeds number	8 or 16(pole changeable motor) (optional)		8 or 16(pole changeable motor) (optional)	
Speeds range	70-2000r.p.m.or 35-2000r.p.m. (2 speed motor)		70-2000r.p.m.or 35-2000r.p.m. (2 speed motor)	
Cross slide travel	160mm(6-5/16")		118mm(4-5/16")	
Compound rest travel	68mm(2-11/16")		68mm(2-11/16")	
Lead screw thread	8T.P.I. or 3mm pitch		8T.P.I. or 3mm pitch	
Feed rod diameter	19mm(3/4")		19mm(3/4")	
Cutting tool max section	16mm×16mm(5/8"×5/8")		16mm×16mm(5/8"×5/8")	
Threads imperial pitches	36 Nos.8-112 T.P.I. or (34 Nos.4-56T.P.I)		36 Nos.8-112 T.P.I. or (34 Nos.4-56T.P.I)	
Threads metric pitches	28 Nos.0.2-5mm pitch or (26 Nos.0.4-7mm pitch)		28 Nos.0.2-5mm pitch or (26 Nos.0.4-7mm pitch)	
Threads diametral pitches	36 Nos.8-112 D.P		36 Nos.8-112 D.P	
Threads module pitches	22 Nos.0.2-3 M.P.		22 Nos.0.2-3 M.P.	
Longitudinal feeds imperial	36 Nos.0.0019-0.0273"/Rev.or (32 Nos.0.002-0.548"/Rev)		36 Nos.0.0019-0.0273"/Rev.or (32 Nos.0.002-0.548"/Rev)	
Longitudinal feeds metric	36 Nos.0.050-0.696"/Rev.or (32 Nos.0.052-0.392mm/Rev)		36 Nos.0.050-0.696"/Rev.or (32 Nos.0.052-0.392mm/Rev)	
Cross feeds imperial	36 Nos.0.0006-0.0094"/Rev.or (32 Nos.0.007-0.0187"/Rev)		36 Nos.0.0006-0.0094"/Rev.or (32 Nos.0.007-0.0187"/Rev)	
Cross feeds metric	36 Nos.0.013-0.188"/Rev.or (32 Nos.0.014-0.380mm/Rev)		36 Nos.0.013-0.188"/Rev.or (32 Nos.0.014-0.380mm/Rev)	
Quill diameter or (optional)	32mm(1-1/4")(NO.3M.T.)		32mm(1-1/4")(NO.3M.T.)	
Quill travel or (optional)	100mm(3-15/16")(NO.3M.T.)		100mm(3-15/16")(NO.3M.T.)	
Quill taper	NO.3 morse		NO.3 morse	
For main motor	1.5KW 3PH or 1PH		1.5KW 3PH or 1PH	