

CYCLEMATIC

CTL-618e

MANUAL MODEL

HIGH SPEED/HIGH ACCURACY

TOOLROOM LATHE



CP-27EVS

HIGH PERFORMANCE FINISHING LATHE

MANUAL MODEL




Combittech

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SPECIFICATION

MODEL	CTL-618e	CTL-618EVS	CHR-68EVS	CTS-27EVS/CTL-27EVS		CP-27EVS	
Spindle Capacity	With Chuck	150 mm(6")	150 mm(6")	150 mm(6")	150 mm(6")		127mm (5")
	With Expanding Collets	76 mm (3")	76 mm (3")	76 mm (3")	76 mm (3")		76mm (3")
	With Round 5C Collets	27mm (1-1/16")	27mm (1-1/16")	27mm (1-1/16")	27mm (1-1/16")		27mm (1-1/16")
	With Hexagon 5C Collets	22mm (7/8")	22mm (7/8")	22mm (7/8")	22mm (7/8")		22mm (7/8")
	With Step 5C Collets	19 mm (3/4")	19 mm (3/4")	19 mm (3/4")	19 mm (3/4")		19mm (3/4")
	With Step Chucks	27~152mm (1-1/16" ~ 6")	27~152mm (1-1/16" ~ 6")	27~152mm (1-1/16" ~ 6")	27~152mm(1-1/16" ~ 6")		27~152mm (1-1/16"-6")
Spindle Nose Diameter	Dia 55.5mm (Dia 2-3/16")	Dia 55.5mm (Dia 2-3/16")	Dia 55.5mm (Dia 2-3/16")	Dia 55.5mm (Dia 2-3/16")		Dia 55.5mm (Dia 2-3/16")	
Spindle Nose I.D/O.D	5C (10 °) / 4 ° Taper	5C (10 °) / 4 ° Taper	5C (10 °) / 4 ° Taper	5C (10 °) / 4 ° Taper		5C(10 °) / 4 ° Taper	
Spindle Speeds (Variable)	0-4000 R.P.M.	0-4000 R.P.M.	0-4000 R.P.M.	0-4000 R.P.M.		0-4000 R.P.M.	
Inverter Spindle Motor	5 HP	5 HP	5 HP	5 HP		1HP	
Hole through spindle	31.75mm(1-1/4")	31.75mm(1-1/4")	31.75mm(1-1/4")	31.75mm(1-1/4")		-	
Bar stock diameter (5C collet)	Dia 27 mm (Dia1-1/16")	Dia 27 mm (Dia1-1/16")	Dia 27 mm (Dia1-1/16")	Dia 27 mm(Dia1-1/16")		Dia 27 mm (Dia1-1/16")	
Distance Between Centers	457mm (18")	457mm (18")	-	-	380mm (15")	-	
Swing Over Bed	280mm (11")	280mm (11")	330mm (13")	229mm (9")		229mm (9")	
Swing Over Carriage	230mm (9")	230mm (9")	-	-		-	
Swing Over Cross Slide	152mm (6")	152mm (6")	-	-		-	
Carriage Power Feed Range	5~102mm (3/16"~4")	5~102mm (3/16"~4")	6~250mm (1/4"~10")	-		-	
Cross Slide Power Feed Range	8~178mm (5/16"~7")	8~178mm (5/16"~7")	9~160mm (11/32"~6-1/4")	-		-	
Cross Slide Travel	152mm (6")	152mm (6")	114mm (4-1/2")	95mm(3-3/4")	-	-	
Quick-action Compound Slide Travel	2.5mm (0.1")	2.5mm (0.1")	-	-		-	
Compound Slide Travel	76mm (3")	76mm (3")	-	-	X:114mm (4-1/2") Y:140mm (5-1/2")	-	
Coolant Pump	1/8HP, 220V, 3PH	1/8HP, 220V, 3PH	1/8HP, 220V, 3PH	1/8HP, 220V, 3PH		Optional	
Feed Motor	Inverter 1/2 HP	220V , 70W	220V, 70W	-		-	
Tailstock Spindle Travel	95mm (3-3/4")	95mm (3-3/4")	-	-	95mm (3-3/4")	-	
Range of Threads in Gear Box	0.2~10mm (4~120per inch)	0.275~2.7mm (11-108 per inch)	-	-		-	
Number of Thread Changes	-	36	-	-		-	
Net Weight (approx)	1000kgs (2200 lbs.)	1050kgs (2300 lbs.)	1100kgs (2200 lbs.)	450kgs (2200 lbs.)		300kgs (600 lbs.)	
Gross Weight (approx)	1100kgs (2400 lbs.)	1050kgs (2530 lbs.)	1100kgs (2400 lbs.)	620kgs (2400 lbs.)		370kgs (820 lbs.)	
Machine Dimensions (LxWxH)	1850x750x1700mm (73"x30"x67")	1850x750x1700mm (73"x30"x67")	1850x750x1700mm (73"x30"x67")	1750 x 700 x 1600mm (69"x 28" x 63")		900x900x1400mm (36"x36"x55")	