

SPECIFICATIONS		Babin TML-5Cem & TML-5Cst
SPINDLE CAPACITY	With jaw chucks	5" (127 mm)
	With expanding collets	3" (76 mm)
	With round 5C collets	1-1/16" (27 mm)
	With hexagon 5C collets	7/8" (22 mm)
	With square 5C collets	3/4" (19 mm)
	With step chucks	1-1/16" to 6" (27 ~152.4 mm)
Spindle nose diameter		Ø2.189" (Ø 55.6 mm)
Spindle nose I.D. / O.D.		5C / Chuck w/ 4° Taper
Variable spindle speeds		0 ~ 2,000 rpm for 6" 3-Jaw Chuck 0 ~ 3,500 rpm for 5C Collet
Hole through spindle		1-1/4" (31.75 mm)
Distance between center		18" (457 mm)
Swing over bed		11" (280 mm)
Swing over carriage		9" (228.6 mm)
Swing over cross slide		6" (152.4 mm)
Carriage power feed range		5/16" ~ 7" (8 ~ 178 mm)
Cross slide power feed range		3/16" ~ 4" (5 ~ 102 mm)
Cross slide travel		6" (152.4 mm)
Quick-action compound slide travel		0.1" (2.5 mm)
Compound slide travel		3" (76 mm)
Tailstock spindle diameter		Ø 1.358" (Ø 34.5 mm)
Tailstock spindle taper		M.T. #2
Tailstock spindle travel		3-3/4" (95 mm)
Coolant pump		1/8 HP, 220V, 3PH
Lead screw diameter		1" – 8 thread per inch (25.4 mm)
Main motor		5 HP, 220V / 3PH (Single phase option available)
D.C. feed motor		110V, 70W
Metric threads (mm) 36 kinds		0.275, 0.2875, 0.3, 0.325, 0.35, 0.375, 0.4, 0.4375, 0.45, 0.5, 0.55, 0.575, 0.6, 0.625, 0.65, 0.675, 0.7, 0.75, 0.8, 0.875, 0.9, 1, 1.1, 1.15, 1.2, 1.25, 1.3, 1.35, 1.4, 1.5, 1.6, 1.75, 1.8, 2, 2.5, 2.7
Inch threads (TPI) 36 kinds		11, 11.5, 12, 13, 14, 15, 16, 17.5, 18, 20, 22, 23, 24, 25, 26, 27, 28, 30, 32, 35, 36, 40, 44, 46, 48, 50, 52, 54, 56, 60, 64, 70, 72, 80, 100, 108
Net / Gross weight		1,826 / 2,222 lb. (830 / 1,010 kg)
Machine packing dimension		74" x 34" x 74" (1,880 x 864 x 1,880 mm)