



## WEISS Lathe Comparison Sheet

	<b>WBL210 8" x 16"</b>	<b>WBL250F 10" x 22"</b>	<b>WBL250F 10" x 30"</b>	<b>WBL290F 11" x 29"</b>
Base Price w/ Dial	\$1,499	\$2,124	\$2,374	\$3,374
w/ Dial, QCTP	\$1,686	\$2,311	\$2,561	\$3,561
w/ Dial, DRO	\$1,999	\$2,624	\$2,874	\$3,874
w/ Dial, DRO, QCTP	\$2,186	\$2,811	\$3,061	\$4,061
Motor Wattage	750W	1,100W	1,100W	1,500W
Cross Slide Travel	4.59"	4.53"	4.53"	7.16"
Carriage Travel	15.5"	23.5"	31.3"	28.7"
Compound Travel	3.56"	2.78"	2.78"	2.61"
Tailstock quill travel	2.60"	2.98"	2.98"	3.81"
Width of bed	3.93"	5.26"	5.26"	7.17"
Spindle bore	.83"	1.02"	1.02"	1.50"
Swing Over Bed	8.04"	10"	10"	11.27"
Distance Between Centers	15.75"	21.63"	29.69"	29.0"
Swing over cross slide	5.72"	6"	6"	7"
Speed range	50 - 2,250 rpm	50 - 2,000 rpm	50 - 2,000 rpm	80 - 2,000 rpm
Inch threads	8 - 44 TPI	8 - 80 TPI	8 - 80 TPI	8 - 48 TPI
Metric threads	0.4 - 3mm	0.35 - 3.0mm	0.35 - 3.0mm	0.2 - 3.5mm
Spindle taper	MT3	MT4	MT4	MT5
Tailstock taper	MT2	MT2	MT2	MT3
Carriage leadscrew (imperial)	12 TPI	8 TPI	8 TPI	10 TPI
Cross slide leadscrew	20 TPI	10 TPI	10 TPI	13 TPI
Compound leadscrew	20 TPI	20 TPI	20 TPI	10 TPI
Power Supply	110 Volts	110 Volts	110 Volts	110 Volts
Machine Weight	120 lbs	285 lbs	300 lbs	473 lbs
Shipping Weight	160 lbs	357 lbs	377 lbs	583 lbs
Shipping Dimensions	36 x 19 x 20	49 x 23 x 24	59 x 23 x 24	59 x 28 x 29
Chuck	4" (100mm)	5" (125mm)	5" (125mm)	6.3" (160mm)
Belt Drive	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Variable Speed	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Digital RPM Display	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Brushless DC motor	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Lever Lock Tailstock	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Digital RPM speed control & readout	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Leadscrews are imperial	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Hardened and Ground Bed	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>

Powered Carriage	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Feed Direction Switch	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Indep. Spindle / Leadscrew direction	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Powered Cross Slide	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
T-Slotted Cross Slide	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Quick-Change Gearbox	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Oil Reservoir	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
D1-4 American Std Camlock Spindle	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
Separate Leadscrew / Feed Rod	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
Spindle Oiling Holes	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
Toolless Thread Change Gears	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
Access Door on GearBox	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>

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