

LATHE COMPARISON CHART

MINILATHES

FEATURES			MINI LATHES				
TRADE NAME	CARBAL-TEC 4SE	PEN MAKING	14" JET	TURNCRATER PLUS	TURNCRATERPRO	TURNCRATERPROVS	DELTA
ITEM NUMBER	CML4SE	PMILA	JMINIVS/JMINI2	TLOPLUS	TLOPRO	TCLPROVS	DEL46-250 (DEL46-250XWEXT.)
Catalogue Page Number	Page 7	P age 7	P age 9	P age 8	P age 8	P age 8	P age 7
Price	\$299.95	\$299.95	JMINIVS \$369.95 / JMINI2 \$269.95	\$154.95	\$179.95 (\$199.95 WEXT.)	\$254.95 (\$344.95 WEXT.)	\$309.95 (\$349.95 WEXT.)
Weight (net)	37 lbs	1 4 lbs	JMINIVS 69 lbs / JMINI2 70 lbs	43 lbs	78 lbs (100 lbs WEXT.)	80 lbs (102 lbs WEXT.)	78 lbs
Shipping - UPS - Packing Weight	\$18 - 43 lbs	\$9 - 16 lbs (w/o motor)	JMINIVS \$38 / JMINI2 \$35	\$20 - 43 lbs	\$40 - 78 lbs (\$53 - 97 lbs WEXT.)	\$40 - 80 lbs (\$53 - 100 lbs WEXT.)	\$42 - 85 lbs (\$55 - 113 lbs WEXT.)
Motor	1/4 HP Variable speed	1/8 HP, #1202 \$55 extra	1/2 HP	1/4 HP	1/2 HP	1/2 HP	1/2 HP
Motor pulley	two step	six-step	JMINIVS one-step / JMINI2 six-step	one-step	5-speed	three-step	six-step
Spindle Speed Control	Electronic Variable	6-Speed Pulley & Belt	JMINIVS - Electronic - Variable JMINI2 - 6-Speed Pulley & Belt	Electronic - Variable	5-speed	Variable	6 speed
Spindle Speeds	400-4500 RPM	1725rpm motor/500-8900 rpm	JMINIVS - 500-3900 RPM JMINI2 - 500-3900 RPM	750/3200 RPM	500/3200 RPM	650/3900 RPM	500/3700 RPM
Warranty	3 years PSI	1 year mfg's years PSI	JMINIVS - limited lifetime JMINI2 - 1-year Manufacturer	3 years PSI	3 years PSI	3 years PSI	2 years mfg's years PSI
Construction	cast iron	aluminum	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Portable	Yes	Yes	No	Yes	No	No	No
Size	25" X 4-3/4" X 9-1/2" H	14" X 6" X 6"	JMINIVS 28-18"x10-1/4"x14-1/8"H JMINI2 24-5/8"x7-1/4"x14"H	25-1/2" X 5" X 12" H	30" X 7-1/4" X 14-1/2" H (62" WEXT.)	30" X 7-1/4" X 14-1/2" H (62" WEXT.)	33-1/4" X 11 X 17-1/2"
Project size max	6" dia. X 12"L	4-1/2" dia. X 9-3/4"L	10" dia. 14"L	7-1/2" dia. X 12"L	1 0"	10"	10" X 14-1/2" (10" X 37" WEXT.)
Turn wheel to operate cross slide	NA	Yes	N A	N A	N O	N O	N A
Precision crossslide for indexing depth of cut	NA	.001" Grad	NA	NA	No	No	NA
Spindle Headstock	3/4" X 16 ipi/#1 MT	3/4" X 16 ipi	1 " X 8 ipi/#2 MT	3/4" X 16 ipi W/#1 MT	1" X 8 ipi W/#2 MT	1" X 8 ipi	1" x 8 ipi
Latistock spindle	#1 MT	straight -1/2" Dia	#2 MT	3/4" X 16 ipi	#2 MT	#2 MT	#2 MT
Distance between centers	12-1/2"	9-3/4"	14" (40" WEXT.)	12"	18" (40" WEXT.)	18"	14-1/2" (37" WEXT.)
Swing over bed	6"	4-1/2"	10"	7-1/2"	10"	10"	10"
Swing over cross-slabbed rest	3-3/4"	2-3/8"	7-1/2"	7-1/2"	7-1/2"	7-1/2"	7-1/2"
Cross-slide travel	NA	1-3/4"	NA	NA	NA	NA	NA
Faceplate	2"	NONE	3"	1"	3"	3"	3"
Belts	1 + 1 spare	"V"- 1	1	2	" V"- 1	"V"- 1	1
Headstock Drive	4 prong spur center	dill chuck #PMILA-DC \$29.95 opt	spur center	4 prong spur center	spur center	spur center	spur center
Toolrest	3"	#PMILR \$29.95 opt	JMINIVS 6" / JMINI2 5"	4-1/2" & 7"	6"	6"	6"
Live latstock Center	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quiling Method	need hand chisel	HSS toolpost	need hand chisel	hand chisels	hand chisels	hand chisels	need hand chisels
Replacement H.S.S. cutter	-----	#PMILCT \$9.95	-----	-----	-----	-----	-----
Optional Cable Cutting tool	-----	#PMILCX \$17.95	-----	-----	-----	-----	-----
Assembly Required	No	minor	No	minor	No	minor	No
7 mm Pen making mandrel and bushings	#PMALIC#PMALA@\$17.95	#PMALPIL \$26.20 or #PMALAL \$17.95	#PMALIC \$17.95	#PMALIC LA @\$26.20	#PMALIC @\$17.95	#PMALIC @\$17.95	#PMALIC @\$17.95
On/Off Switch	Hard	Foot \$39.95 #FSC opt	Hard	Hand/gy Switch	Hard	Hard	Hard
Video tape	Free	Free	Free	Free	Free	Free	Free
Duplicating attachment for lathe	#CML-DUP1 \$104.95	#CML-DUP1 \$104.95	#CML-DUP1 \$115.45	#CML-DUP12 \$115.45	#CML-DUP1 \$115.45	#CML-DUP1 \$115.45	#CML-DUP1 \$115.45