

Rikon Tools Comparison

Lathes



(Click on Model # for more info)

Model #	70-100	70-105	70-220VSR	70-305	70-306	70-450
Type	12" x 16" Mini	10" x 18" Mini	12 1/2" x 20" VSR Midi	16" x 42" VSR	16" x 42" VSR	20" x 37" VS
Motor						
Horsepower	1/2 HP TEFC	1/2 HP TEFC	1 HP TEFC	1 1/2 HP TEFC	1 1/2 HP TEFC	1 1/2 HP TEFC
Volts	115V 60Hz	120V 60Hz	120V 60Hz	220V 60Hz 1 PH	110V 60Hz 1 PH	230V 60Hz 1 PH
Amps	5.7A	3.7A	6A	4.7A	8A	7A
Direction	Forward	Forward	Forward / Reverse	Forward / Reverse	Forward / Reverse	Forward / Reverse
Speeds						
# of Speeds	6	5	Electronic Variable	Electronic Variable	Electronic Variable	Electronic Variable
Ranges	430, 810, 1,230, 1,810, 2670, 3,900	500, 1175, 1850, 2,225, 3,200	250-750, 550-1,650, 1,300-3,850	0-1,200, 0-3,200	0-1,200, 0-3,200	50-380, 70-530, 120-900, 200-1,450, 350-2,750, 450-3,850
Swing						
Swng Over Bed	12"	10"	12 1/2"	16"	16"	20"
Swing Over Tool Rest	9 1/2"	7 1/2"	9 5/8"	12"	12"	18"
Working Distance Between Centers	16"	18"	20"	42"	42"	37"
Tool Rest Post Diameter	5/8"	5/8"	1"	1"	1"	1"
Headstock / Tailstock						
Spindle Nose (Inch x TPI)	1" x 8	1" x 8	1" x 8	1 1/4" x 8	1 1/4" x 8	1 1/4" x 8
Headstock Taper	MT2	MT2	MT2	MT2	MT2	MT2
Tailstock Taper	MT2	MT2	MT2	MT2	MT2	MT2
Ram Travel	2 1/2"	1 3/4"	3 1/2"	4"	4"	4"
Indexing Positions	12	NA	24	12 (36 possible)	12 (36 possible)	24
Overall Dimensions						
Length	32"	35 1/2"	40 3/4"	77"	77"	64 1/2"
Width	10 1/2"	10 1/2"	12"	22"	22"	21 1/2"
Height	17 1/2"	14 3/4"	17 5/8"	47 1/4"	47 1/4"	50"
Base	27 3/4" x 7 3/4"	29 1/2" x 7 3/8"	37 1/4" x 7 3/4"	NA	NA	NA
Weight						
Net	89 lbs.	75 lbs.	115 lbs.	380 lbs.	380 lbs.	461 lbs.
Shipping						
Net	92 lbs.	80 lbs.	124 lbs.	500 lbs.	500 lbs.	626 lbs.
Carton Size	33 3/4" x 12" x 11 1/2"	32 1/2" x 16 3/4" x 11 7/8"	39" x 20 1/2" x 12 3/4"	61" x 18" x 23"	61" x 18" x 23"	68 1/4" x 23 1/2" x 50 1/4"
Warranty	5 Year	5 Year	5 Year	5 Years	5 Years	5 Years