

Trens manual universal centering lathes

Universal centre lathes from our production have been in the great demand. TRENS, a.s. has started production of the lathes in the 50s of the 20th century. Our experience have resulted in today's excellent product and merits of our Trens manual centering lathes machine tools, features like high machining accuracy, long life cycle, simple attendance or low operating costs. The fact that since the production started there have been over 100,000 units shipped.



Machine model Feature	SN 32	SN50C	SN 500A	SN71C	SN 710S	SUI80
	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe
Machine type	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe	Universal centering lathe
Swing over bed	13"	19.7"	19.9"	28"	28.3"	31.5"
Swing over cross slide	6.6"	10.6"	10.6"	16.5"	16.9"	20.5"
Center-to-center distance	29.5" - 39.3"	39.3" - 78.7"	39.3"-78.7"	59" - 157"	78.7" - 157"	59" - 314"
Swing in the bed gap	20"	27.5"	27.5	38.8"	37.5"	34.25"
Useful length of bed gap	9"	9"	9"	11.8"	11.8"	12.6"
Cross slide working travel	9.84"	11.8"	11.8"	15.75"	15.75"	17.3"
Tool slide working travel	5.5"	5.5"	5.5"	7"	7"	7.6"
Spindle						
Bore	2"	2"	3' - 4.1"	2.9"	3", 4.1", 5.1"	3.6"
Speed range	14-2500	22 -2000	12.5-2000	10 - 1000	10 - 1600	14-1400
Main motor power	5 hp	7 hp	10 hp	10 hp	10, 14.7 hp	20 hp
Tailstock						
Sleeve diameter	2.75"	2.75"	3.15"	3.5"	3.9"	4.3"
Sleeve stroke	7"	7"	7"	9.5"	9.4"	8.25"
Taper	#5 Morse	#5 Morse	#5 Morse	#5 Morse	#6 Morse	#6 Morse
work piece weight						
Between centers	290 lbs	661 lbs	2200 lbs	3300 lbs	3300 lbs	7050 lbs
Clamped in chuck	176 lbs	176 lbs	176 lbs	176 lbs	352 lbs	550 lbs