

PipeLathe 40

- Powerful hydraulic drive generating 14500 Nm (10800 Ft.lbs) torque on the cutter blade. Variable speed control 0-5 RPM.
- No need for extra gear box that reduces the RPM and multiplies the torque. It comes as standard!
- 150 mm (5,9") locking shaft with build in jaws, eliminates the issue of broken or loosening retaining springs and o-rings.
- Innovative 6 point locking system with wide clamps assures maximum stability during machining.
- Only one mandrel and 6 Jaws set covers entire working range.
- Fully portable for on-site and Fab-shop work.
- Available for sale or rent.



MACHINE PERFORMANCE

PipeLathe 40 is the biggest internal mounted machine from all KRAIS Lathe tools. It allows for machining tubes up to 40" (600 mm) OD. Picture shows PipeLathe 40 machining 36" tube.

STANDARD WORKING RANGE		FEED STROKE	POWER	FREE SPEED	TORQUE		
APPLICATION RANGE	LOCKING RANGE						
180 - 1016 mm	175 - 972 mm	60 mm	3,5 hp	5 Rpm	12500 Nm		
7,0 - 40,0"	6,9 - 38,3"	2,4"			9219 Ft.lbs		
AIR USE		AIR PRESSURE		BODY DIMENSIONS		BODY WEIGHT	
85 cfm	2,8 m ³ /min	90 PSI	6,2 Bar	38 x 22 x 22"	950 x 550 x 500 mm	495 Lbs	225 kg

LOCKING RANGES WITH STANDARD JAWS

JAWS: PL-42

RANGE [MM]		RANGE [INCH]		SEGMENT				
MIN	MAX	MIN	MAX	A	B	C	D	E
175	200	6,9	7,9					
200	225	7,9	8,9	PL-42-A-125				
225	250	8,9	9,8	PL-42-A-250				
250	275	9,8	10,8	PL-42-A-375				
275	300	10,8	11,8	PL-42-A-500				
300	325	11,8	12,8	PL-42-A-500 PL-42-A-125				
325	350	12,8	13,8	PL-42-A-500 PL-42-A-250				
350	375	13,8	14,8		PL-42-B			
375	400	14,8	15,7	PL-42-A-125	PL-42-B			
400	425	15,7	16,7	PL-42-A-250	PL-42-B			
425	450	16,7	17,7	PL-42-A-375	PL-42-B			
450	475	17,7	18,7	PL-42-A-500	PL-42-B			
475	500	18,7	19,7			PL-42-C		
500	525	19,7	20,7	PL-42-A-125		PL-42-C		
525	550	20,7	21,7	PL-42-A-250		PL-42-C		
550	575	21,7	22,6	PL-42-A-375		PL-42-C		
575	600	22,6	23,6	PL-42-A-500		PL-42-C		
593	622	23,3	24,5	PL-42-A-500 PL-42-A-125		PL-42-C		

RANGE [MM]		RANGE [INCH]		SEGMENT				
MIN	MAX	MIN	MAX	A	B	C	D	E
621	647	24,4	25,5	PL-42-A-500 PL-42-A-250		PL-42-C		
646	671	25,4	26,4	PL-42-A-500 PL-42-A-375		PL-42-C		
667	693	26,3	27,3			PL-42-C	PL-42-D	
692	716	27,2	28,2	PL-42-A-125		PL-42-C	PL-42-D	
715	739	28,1	29,1	PL-42-A-250		PL-42-C	PL-42-D	
738	762	29,1	30,0	PL-42-A-375		PL-42-C	PL-42-D	
761	786	30,0	30,9	PL-42-A-500		PL-42-C	PL-42-D	
787	811	31,0	31,9			PL-42-C		PL-42-E
810	834	31,9	32,8	PL-42-A-125		PL-42-C		PL-42-E
833	856	32,8	33,7	PL-42-A-250		PL-42-C		PL-42-E
856	879	33,7	34,6	PL-42-A-375		PL-42-C		PL-42-E
878	903	34,6	35,6	PL-42-A-500		PL-42-C		PL-42-E
902	925	35,5	36,4	PL-42-A-500 PL-42-A-125		PL-42-C		PL-42-E
924	949	36,4	37,4	PL-42-A-500 PL-42-A-250		PL-42-C		PL-42-E
948	972	37,3	38,3	PL-42-A-500 PL-42-A-375				PL-42-E