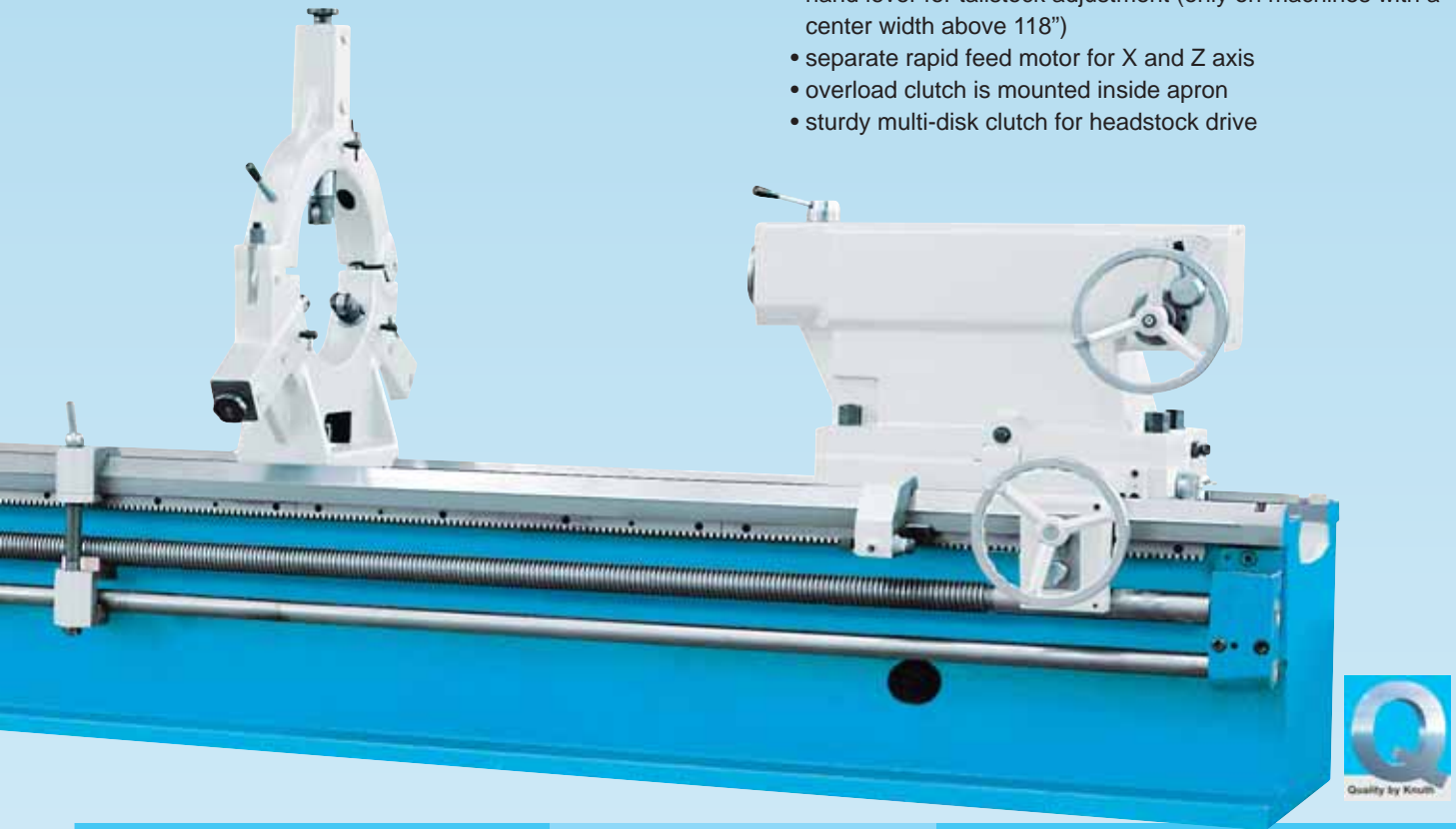




Universal Heavy-Duty Lathe DL E Heavy

**Spindle bore of 5.1" plus large turning diameters and center widths.
Maximum stability and high accuracy for roughing and finishing operations.**

- powerful 30Hp motor ensures very high chip removal capacity
- induction hardened and ground guideways
- large spindle bearings
- a heavy, large cast-iron body and machine bed with strong ribbing reduce vibrations to a minimum
- Joystick control for X and Z axis feed is mounted directly to support
- hand lever for tailstock adjustment (only on machines with a center width above 118")
- separate rapid feed motor for X and Z axis
- overload clutch is mounted inside apron
- sturdy multi-disk clutch for headstock drive



Cutting • Eroding

CNC Machining

Turning • Milling • Drilling

Saws

Grinding

Sheet Metal Work

Heavy-Duty Lathe DL E Heavy		800/3000	800/5000	800/8000	1000/2000	1000/3000	1000/5000	1000/8000
center width		118"	197"	315"	79"	118"	197"	315"
turning diameter	- over bed (max)	63"	63"	63"	79"	79"	79"	79"
	- over support (max)	50"	50"	50"	118"	118"	118"	118"
travel	- X axis	31"	31"	31"	32"	32"	32"	32"
	- Z axis	110"	189"	307"	71"	110"	189"	307"
	- Z1 axis	8"	8"	8"	8"	8"	8"	8"
workpiece weight (max.)	lbs	13,230	13,230	13,230	22,050	22,050	20,050	20,050
bed width		38"	38"	38"	43"	43"	43"	43"
top-slide swivel range		± 180°			± 180°			
spindle speed (forward/reverse)	rpm	2.5 - 250 (21) / 3.15 - 250 (12)			2 - 200 (21) / 2.5 - 200 (12)			
spindle bore		5.1"			5.1"			
spindle mount		A2-15			A2-15			
Feed	- X axis	"/rev 0.003 - 0.5			0.003 - 0.5			
	- Z axi	"/rev 0.001 - 0.2			0.001 - 0.2			
	- Z1 axis	"/rev 0.0006 - 0.1			0.0006 - 0.1			
rapid feed	- X axis	"/min 74			74			
	- Z axis	"/min 147			147			
thread cutting	- metric	mm 1 - 120 (45)			1 - 120 (45)			
	- diametric	DP 30 - 1/4 (42)			30 - 1/4 (42)			
	- module	mm 0.5 - 60 (46)			0.5 - 60 (46)			
	- Whitworth	TPI 0.5 - 60 (48)			0.5 - 60 (48)			
tailstock quill taper diam.	mm	metric 80 / 160			metric 80 / 160			
tailstock quill stroke		12"			12"			
tailstock cross adjustment		± 0.1"			± 0.1"			
headstock motor rating / voltage	HP	30			30			
overall dimensions (LxWxH)		238 x 81 x 88	317 x 81 x 88	435 x 81 x 88	205 x 87 x 95	240 x 87 x 95	319 x 87 x 95	510 x 94 x 99
weight	lbs	28,300	35,600	46,200	28,600	40,700	51,000	66,100
Part No. with position indicator		300 512	300 514	300 516	300 518	300 519	300 520	300 522
Price with position indicator \$		149,900	164,300	222,500	139,400	155,600	181,600	242,800