

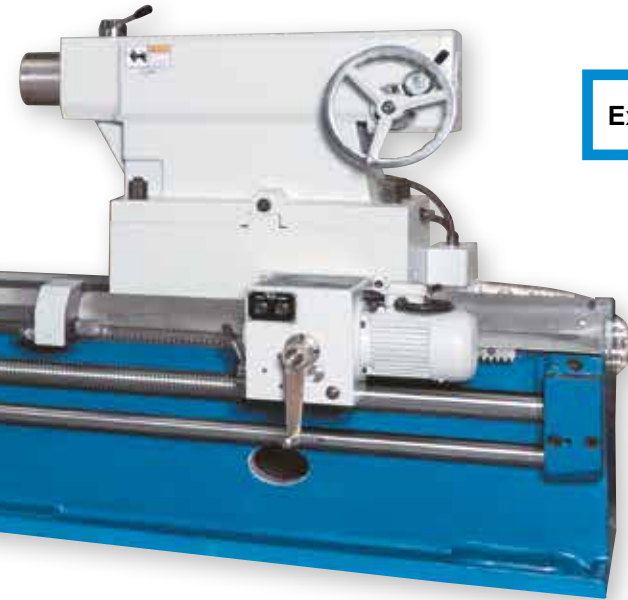
DL E Heavy 620/5000 is shown  
3-axis position indicator is standard equipment

Specifications DL E Heavy		500/1500	500/3000	500/5000	500/8000	620/1500	620/3000	620/5000	620/8000
<b>Working area</b>									
Workpiece length (max.)	mm	1.500	3.000	5.000	8.000	1.500	3.000	5.000	8.000
Turning diameter over bed	mm	1.000	1.000	1.000	1.000	1.250	1.250	1.250	1.250
Turning-Ø over support	mm	650	650	650	650	900	900	900	900
<b>Travels</b>									
Travel Z-axis	mm	1.300	2.800	4.800	7.800	1.300	2.800	4.800	7.800
Travel Z1-axis	mm	300	300	300	300	300	300	300	300
<b>Headstock</b>									
Spindle speeds (right)	1/min	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315	(21) 3,15 - 315
Spindle bore	mm	130	130	130	130	130	130	130	130
Spindle mount		ISO A2-15	ISO A2-15	ISO A2-15	ISO A2-15	ISO A2-15	ISO A2-15	ISO A2-15	ISO A2-15
<b>Rapid feed</b>									
Rapid feed Z-axis	mm/min	3.740	3.740	3.740	3.740	3.740	3.740	3.740	3.740
<b>Feed</b>									
Feed X-axis	mm/R	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12
Feed Z-axis	mm/R	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6
<b>Tapping</b>									
Tapping, metric	mm	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120
Tapping, diametric	DP	(42) 30-1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4
Tapping, module	mm	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60
Tapping, whitworth	TPI	(48) 0,5-60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60
<b>Tailstock</b>									
Tailstock quill taper		metric 80	metric 80	metric 80	metric 80	metric 80	metric 80	metric 80	metric 80
Tailstock quill stroke	mm	300	300	300	300	300	300	300	300
<b>Drive capacity</b>									
Motor rating main drive	kW	22	22	22	22	22	22	22	22
<b>Measures and weights</b>									
Overall dimensions (length x width x height)	m	4,6x1,85x1,79	6,1x1,81x1,79	8,1x1,81x1,79	11,1x1,81x1,79	4,6x1,81x1,79	6,1x1,88x1,92	8,1x1,88x1,92	11,1x1,88x1,92
Weight	kg	9.350	10.850	12.650	16.100	9.750	11.550	13.300	16.800
Part No.		300499	300500	300502	300504	300505	300506	300508	300510

## Options

To see the available options for this machine, visit our website.

- 22 kW motor ensures high cutting power
- heavy-duty cast-iron body with ribbed bed reduces vibrations to a minimum
- induction hardened and ground guideways
- sturdy multi-disk clutch for headstock drive
- separate rapid feed motor for feed in X and Z direction
- Joystick control for X and Z feeds is mounted directly to support
- Motorized positioning of tailstock (all models with a minimum center width of 3000 mm)



### Extensive standard equipment

#### Standard Equipment:

3-axis position indicator, 4-jaw independent chuck (DL E 500 and 620 series  $\varnothing = 1000$  mm, DL E 800 series  $\varnothing = 1400$  mm, DL E 1000 series  $\varnothing = 1600$  mm), coolant system, steady rest (DL E 500 series 50 - 470 mm, DL E 620 series 50 - 590 mm, DL E 800 and 1000 series 220 - 630 mm), follow rest 50 - 220 mm (except DL E 800 and 1000 series), motorized tailstock (all models with a minimum center width of 3000 mm), LED work lamp, centers, reducing sleeves, foundation bolts, central lubrication, operating tools, operator manual

Specifications DL E Heavy		800/3000	800/5000	800/8000	1000/2000	1000/3000	1000/5000	1000/8000
<b>Working area</b>								
Workpiece length (max.)	mm	3.000	5.000	8.000	2.000	3.000	5.000	8.000
Turning diameter over bed	mm	1.600	1.600	1.600	2.000	2.000	2.000	2.000
Turning- $\varnothing$ over support	mm	1.280	1.280	1.280	1.600	1.600	1.600	1.600
<b>Travels</b>								
Travel Z-axis	mm	2.800	4.800	7.800	1.800	2.800	4.800	7.800
Travel Z1-axis	mm	200	200	200	200	200	200	200
<b>Headstock</b>								
Spindle speeds (right)	1/min	(21) 2,5 - 250	(21) 2,5 - 250	(21) 2,5 - 250	(21) 2 - 200	(21) 2 - 200	(21) 2 - 200	(21) 2 - 200
Spindle bore	mm	130	130	130	130	130	130	130
Spindle mount		ISO A2-15	ISO A2-15	ISO A2-15		ISO A2-15	ISO A2-15	ISO A2-15
<b>Rapid feed</b>								
Rapid feed Z-axis	mm/min	3.740	3.740	3.740	3.740	3.740	3.740	3.740
<b>Feed</b>								
Feed X-axis	mm/R	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12	0,064 - 12
Feed Z-axis	mm/R	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6	0,032 - 6
<b>Tapping</b>								
Tapping, metric	mm	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120	(45) 1 - 120
Tapping, diametric	DP	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4	(42) 30 - 1/4
Tapping, module	mm	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60	(46) 0,5 - 60
Tapping, whitworth	TPI	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60	(48) 0,5 - 60
<b>Tailstock</b>								
Tailstock quill taper		metric 80	metric 80	metric 80	metric 80	metric 80	metric 80	metric 80
Tailstock quill stroke	mm	300	300	300	300	300	300	300
<b>Drive capacity</b>								
Motor rating main drive	kW	22	22	22	30	30	30	30
<b>Measures and weights</b>								
Overall dimensions (length x width x height)	m	6,04x2,06x2,23	8,04x2,06x2,23	11,04x2,06x2,23	5,2x2,2x2,4	6,1x2,2x2,4	8,1x2,2x2,4	12,92x2,38x2,51
Weight	kg	12.900	16.200	21.020	13.000	18.500	23.200	30.080
Part No.		300512	300514	300516	300518	300519	300520	300522