



PRODUCT.BROCHURE.SKU: 301516

The DL S lathe series is slightly smaller than the DL E Heavy, but is also designed for large turning diameters and workpiece lengths. It is the solution for conventional machining of workpieces up to 5000 mm (197 in.) in length and over 720 mm (28 in.) in diameter. The particularly wide and heavily ribbed machine bed accommodates the heavy workpiece weights. The multi-disc clutch gives the operator control over the dynamics of the spindle start-up and the rapid traverse in the support is particularly effective with large bed lengths.

- Center widths up to 5000 mm
- Spindle bore of 100 mm
- Powerful motor
- Spindle speed can be adjusted in 4 steps
- Rapid feed in X and Z direction
- Complete with assembled 3-axis position indicator



PRODUCT.BROCHURE.technical_specs

ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-001008	4000 mm
attributes.MEG-000008.MER-000063	1000 mm
attributes.MEG-000008.MER-000065	720 mm
attributes.MEG-000008.MER-000064	1350 mm
attributes.MEG-000008.MER-000311	4000 kg
attributes.MEG-000008.MER-000055	470 mm
attributes.MEG-000008.MER-000047	600 mm

ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-000287	520 mm
attributes.MEG-000059.MER-000289	3700 mm
attributes.MEG-000059.MER-000334	250 mm
attributes.MEG-000059.MER-000236	90°

ATTRIBUTES.MEG-000007.DESCRPTION

attributes.MEG-000007.MER-000253	5 1/min - 630 1/min
attributes.MEG-000007.MER-000251	100 mm
attributes.MEG-000007.MER-000259	A2-11

ATTRIBUTES.MEG-000060.DESCRPTION

attributes.MEG-000060.MER-000083	1800 mm/min
attributes.MEG-000060.MER-000085	3640 mm/min

ATTRIBUTES.MEG-000006.DESCRPTION

attributes.MEG-000006.MER-000298	0.04 mm/min - 4.8 mm/min
attributes.MEG-000006.MER-000302	0.08 mm/min - 9.6 mm/min
attributes.MEG-000006.MER-000304	0.02 mm/min - 2.4 mm/min

ATTRIBUTES.MEG-000015.DESCRPTION

attributes.MEG-000015.MER-000351	32 mm x 32 mm
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ATTRIBUTES.MEG-000005.DESCRPTION

attributes.MEG-000005.MER-000113	(53) 1-120 mm
attributes.MEG-000005.MER-000688	(49) 30 - 1/4
attributes.MEG-000005.MER-000112	(56) 60-0,5 DP
attributes.MEG-000005.MER-002697	(54) 0,5 - 60 mm

ATTRIBUTES.MEG-000009.DESCRPTION

attributes.MEG-000009.MER-000749	120 mm
attributes.MEG-000009.MER-000194	6 MT
attributes.MEG-000009.MER-000196	250 mm

ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000159	22 kW
attributes.MEG-000002.MER-000163	0.15 kW
attributes.MEG-000002.MER-000166	1.1 kW
attributes.MEG-000002.MER-000019	23 kVA

ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	6.15 m x 1.5 m x 1.6 m
attributes.MEG-000004.MER-000108	8400 kg



PRODUCT.BROCHURE.PRODUCT_DETAILS

- Extra heavy, wide machine bed with heavy ribbing and one-piece mono-block construction
- Induction-hardened and ground guide slots ensure long-term accuracy and minimum wear
- Massive headstock with high-precision main spindle on a tapered roller bearing with 100 mm spindle bore for excellent stability under heavy loads
- Very quiet operation at maximum spindle speed
- Joystick control for X and Z feeds is mounted directly to support
- Manually shifted 4-step gearbox with high-quality frequency control combined with a powerful main spindle motor allow exact tuning of rpm and high torque to provide maximum power even under heaviest loads
- Rapid feed for X and Z axis allow quick support positioning and less down-time
- Adjustable overload clutch in apron protects the feed mechanics from damages and failures
- Central, practical controls for feeds and thread leads
- The auxiliary gearbox features a wide spectrum of diametric, inch, module, and metric threads
- Support and top slide are designed for high cutting forces
- More accuracy
- Lower error rate
- Increased productivity
- Resulting in valuable time savings
- For increased productivity
- Easy to read display
- Operator-specific features
- Convenient keyboard layout
- Resolution: 0.01/ 0.005 mm
- Default coordinates
- Axis position is maintained when display is turned off
- Hole circle pattern calculation
- Calculator function
- Storage for 10 tools
- Radius / diameter toggle
- Mm/inch conversion
- Easy expansion and maintenance-free operation
- Display for top (Z0) and box way slide (Z1) both separate and in differential / cumulative mode for lathes

PRODUCT.BROCHURE.STANDARD_EQUIPMENT

3-axis position indicator X.Pos 3.2
4-jaw face plate chuck Ø 1000 mm
4-station tool holder
Steady rest 40-350 mm
Follow rest 30-120 mm
Dead centers
Reducing sleeve
Chuck guard
Protective shield for the toolpost
Coolant system
Foundation bolts
Work lamp
Operating tools
Operator instructions

PRODUCT.BROCHURE.OPTIONAL_EQUIPMENT

- Steady rest (300 - 720 mm), product.brochure.sku: 251160
- Motorized tailstock movement, product.brochure.sku: 251161
- 3-jaw chuck (500 mm), product.brochure.sku: 251162



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