



XL50 1500 D.B.C.  
XL Heavy Duty Lathes  
1-015-150



Product details

- 700mm Bed Width: The extra wide rigid bed makes this machine one of the heaviest and sturdiest in the world - to give you repeat accuracy.
- Heavy Duty and sturdy machine is rated for continuous use and will give you longer life expectancy.
- Headstock gears are hardened and ground to provide wear resistance and many years of life expectancy.
- Gap-bed: A generous gap bed lets you swing large components with ease.
- Hardened and ground V guideways provide you with accuracy, rigidity and long working life.
- Large spindle hole increases the capacity and efficiency of your large bar work.
- Motorised tailstock.
- Universal gearbox enable to cut a large range of metric and imperial threads without the need of changing any individual gears.
- Sigma type clutch & brake for controlled operation.
- Magnetic switch provides thermal overload protection and constantly safety monitoring relays.
- Multistart screw cutting facility enables you to cut multistart threads with ease and precision.
- Foot stop for safety and precision.

Specifications

|                                 |                   |
|---------------------------------|-------------------|
| Distance between centres mm DBC | 1500              |
| DP                              | 240-1/4           |
| Height                          | 1890              |
| Height of centres               | 625               |
| Inch                            | 60-1/16           |
| Length                          | 3700              |
| Metric                          | 0.5-480           |
| Model                           | XL50 1500 D.B.C.  |
| Module                          | 0.125-120         |
| Motor HP                        | 50                |
| Motor kW                        | 37.5              |
| No of spindle speeds            | 24                |
| Number of feeds                 | 166               |
| Number of threads               | 80 each type      |
| Range of cross feeds            | 0.016-19.45mm/rev |
| Range of longitudinal feeds     | 0.032-38.9mm/rev  |
| Range of spindle speeds         | 5-1000            |

Spindle bore mm 142

Spindle nose DIN 55027 No. 15

Swing over bed mm 1320

Swing over cross slides mm 950

Swing over gap mm 1510

Taper of tailstock quill 6MT

Travel of compound slide 270

Travel of cross slides 625

Travel of tailstock quill 260

Weight 6900Kgs

Width 2150

Width of bed 700

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## Contact Excel Machine Tools

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