

## Meyer SM1041 Precision Gap Bed Centre Lathe



**Stock Code:** 24032

The Meyer Precision Lathes range from 330mm to 660mm swing capacities and from 1000mm to 3000mm distance between centres. The sturdy SB models are ideal for the tool room and for jobbing operations. All Meyer lathes are of the Gap Bed design with precision ground bed and saddle. Meyer machines are equipped with generous levels of standard equipment including 3 and 4 jaw chucks and face plate.

## Features

- Quick Change Toolpost,
- 3 Jaw Self Centring Chuck,
- 4 Jaw Independent Chuck,
- Face Plates, Steadies,
- Thread Chasing Dial.
- Full CE Guarding Package including
- “Educate” Leadscrew Guarding

## Technical Specification

|                                |               |
|--------------------------------|---------------|
| MODEL                          | SM1041        |
| <b>Capacities</b>              |               |
| Swing over bed mm              | 410           |
| Swing over cross-slide mm      | 255           |
| Swing over gap mm              | 580           |
| Length of gap mm               | 250           |
| Distance between centres mm    | 1000          |
| Centre height mm               | 521           |
| Width of bed mm                | 250           |
| <b>Feed Rates</b>              |               |
| Longitudinal - no of steps     | 36            |
| Longitudinal - range mm/rev    | 0.050 - 0.696 |
| Cross - no of steps            | 36            |
| Cross - range mm/rev           | 0.025 - 0.8   |
| Max travel of cross-slide mm   | 210           |
| Max travel of compound rest mm | 102           |
| <b>Thread Cutting</b>          |               |
| Metric - no of steps           | 39            |
| Metric - range mm              | 0.2 - 14      |
| Imperial - no of steps         | 45            |
| Imperial - range TPI           | 2 - 72        |
| Diametric - no of steps        | 21            |
| Diametric - range DP           | 8 - 44        |
| Module - no of steps           | 18            |
| Module - range MP              | 0.3 - 3.5     |
| Lead screw pitch TPI           | 4             |
| Max section of tool mm         | 20 x 20       |
| <b>Headstock</b>               |               |
| Spindle nose                   | D1-6          |
| Spindle bore mm                | 52            |
| Spindle bore taper MT          | 6             |
| Spindle speeds - no of steps   | 16            |
| Spindle speeds - range rpm     | 45 - 1800     |
| <b>Tailstock</b>               |               |
| Quill diameter mm              | 50            |
| Quill travel mm                | 120           |
| Quill taper MT                 | 4             |
| <b>Power</b>                   |               |
| Motor kW                       | 3.3           |
| <b>Dimensions</b>              |               |

|                   |        |
|-------------------|--------|
| MODEL             | SM1041 |
| <b>Capacities</b> |        |
| Length mm         | 1940   |
| Width mm          | 850    |
| Height mm         | 1320   |
| Weight kg         | 1550   |

## Options

- Taper turning attachment