

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. The heavy duty SG machines are available in eight different sizes and have the added benefit of 2 axis DRO and the super quick tool change system fitted as standard equipment.

The ST range are large capacity machines with a 660mm swing with the distance between centres available up to 3000mm. Power traverse is fitted as standard equipment to all ST models which are particularly operator friendly for the longer length machines. 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.



**SB RANGE**



**QUICK CHANGE TOOLPOST - OPTIONAL ON SB RANGE, STANDARD ON SG & ST RANGES**

01432 346 580

**Meyer**  
SB, SG & ST Precision  
Centre Lathes

Metalworking  
Solutions  
Supplied

LATHES



SG RANGE



VIEW THROUGH BED AND  
SADDLE - SG RANGE



OPTIONAL TAPER  
TURNING ATTACHMENT

## Machine Features

- Heavy duty
- Chuck guard with interlock switch
- Halogen lamp
- Steady rest
- Follow rest
- 4 jaw chuck
- 3 jaw chuck
- Face plate
- Coolant system
- SG/ST - 2 axis DRO
- SG/ST - super quick tool change system with 4 holders
- ST - Power traverse

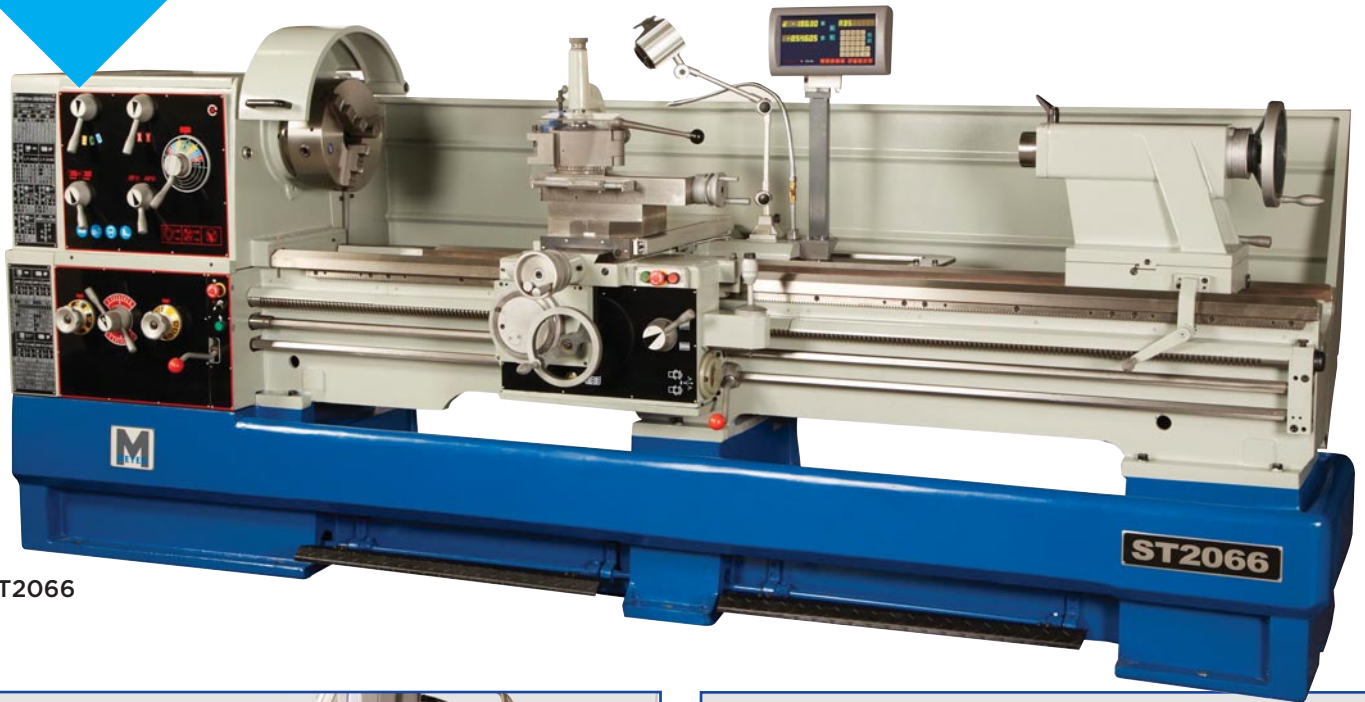
## Optional Equipment

- Taper turning attachment - SG/ST only

Metalworking  
Solutions  
Supplied

**Meyer**  
SB, SG & ST Precision  
Centre Lathes

**SELMACH**<sup>TM</sup>  
MACHINERY



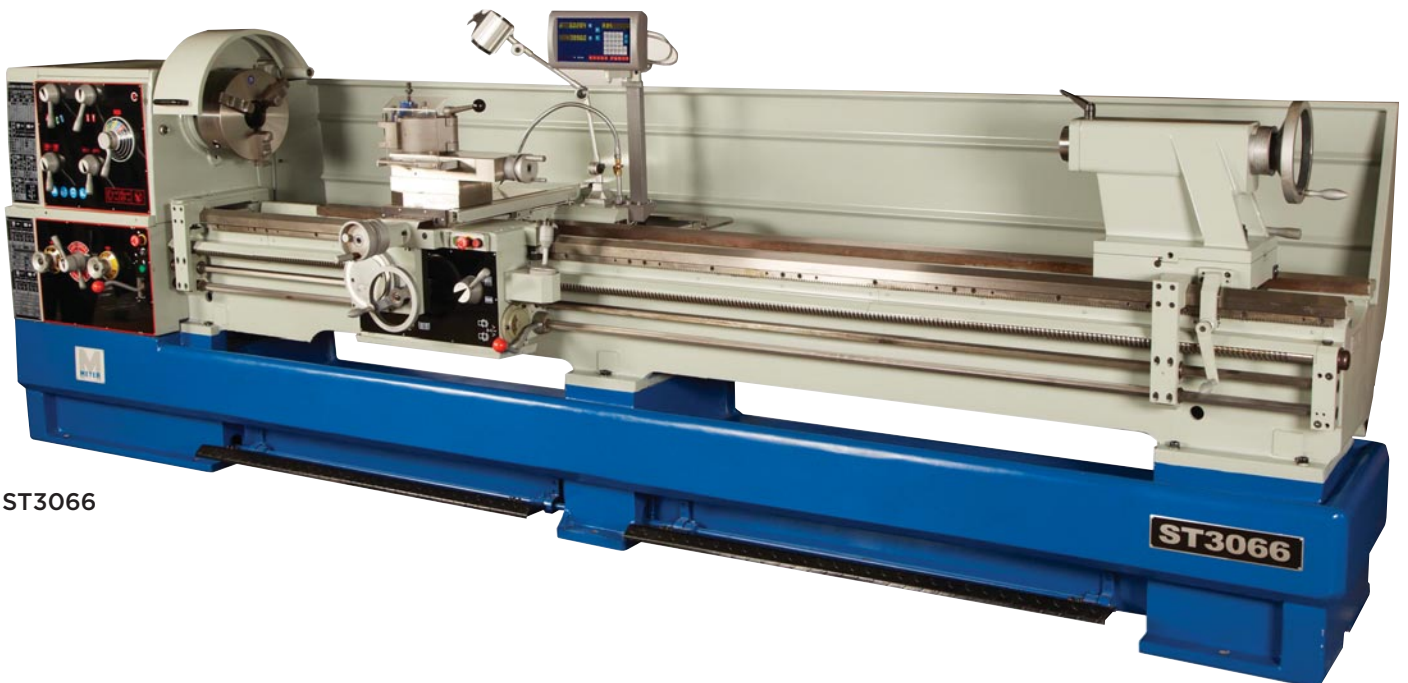
ST2066



VIEW THROUGH THE BED AND SADDLE - ST RANGE



2 AXIS DIGITAL READ OUT



ST3066

**TECHNICAL SPECIFICATIONS**

|                               |        | SB1033      | SB1036      | SM1041      | SG1041 (1)<br>SG1541 (2) | SG1046 (1)<br>SG1546 (2) | SG1056 (1)<br>SG1556 (2)<br>SG2056 (3)<br>SG3056 (4) | ST2066 (1)<br>ST3066 (2) |
|-------------------------------|--------|-------------|-------------|-------------|--------------------------|--------------------------|--|--------------------------|
| <b>Capacities</b>             |        |             |             |             |                          |                          |  |                          |
| Swing over Bed                | mm     | 330         | 360         | 410         | 410                      | 460                      | 560  | 660                      |
| Swing over Cross Slide        | mm     | 200         | 212         | 255         | 224                      | 274                      | 350  | 440                      |
| Swing over Gap                | mm     | 476         | 491         | 580         | 640                      | 690                      | 788  | 900                      |
| Length of Gap                 | mm     | 210         | 210         | 250         | 155                      | 155                      | 200  | 250                      |
| Distance between Centres (1)  | mm     | 1000        | 1000        | 1000        | 1000                     | 1000                     | 1000   | 2000                     |
| Distance between Centres (2)  | mm     | -           | -           | -           | 1500                     | 1500                     | 1500   | 3000                     |
| Distance between Centres (3)  | mm     | -           | -           | -           | -                        | -                        | 2000   | -                        |
| Distance between Centres (4)  | mm     | -           | -           | -           | -                        | -                        | 3000   | -                        |
| Width of Bed                  | mm     | 187         | 187         | 250         | 300                      | 300                      | 350  | 400                      |
| <b>Feed Rates</b>             |        |             |             |             |                          |                          |  |                          |
| Longitudinal - no. of steps   | -      | 36          | 36          | 36          | 42                       | 42                       | 35   | 25                       |
| Longitudinal - range          | mm/rev | 0.050-0.696 | 0.050-0.696 | 0.050-0.696 | 0.031-1.7                | 0.031-1.7                | 0.059-1.646  | 0.022 - 0.74             |
| Cross - no. of steps          | -      | 36          | 36          | 36          | 42                       | 42                       | 35   | 25                       |
| Cross - range                 | mm/rev | 0.013-0.188 | 0.013-0.188 | 0.013-0.188 | 0.014-0.784              | 0.014-0.784              | 0.02-0.573   | 0.044 - 1.48             |
| Max. Travel of Cross Slide    | mm     | 160         | 118         | 160         | 290                      | 290                      | 326  | 368                      |
| Max. Travel of Compound Rest  | mm     | 68          | 68          | 68          | 120                      | 120                      | 130  | 230                      |
| <b>Thread Cutting</b>         |        |             |             |             |                          |                          |  |                          |
| Metric - no. of steps         | -      | 28          | 28          | 28          | 41                       | 41                       | 47   | 54                       |
| Metric - range                | mm     | 0.2-5.0     | 0.2-5.0     | 0.2-5.0     | 0.1-14                   | 0.1-14                   | 0.2-14   | .45 - 120                |
| Imperial - no. of steps       | -      | 36          | 36          | 36          | 60                       | 60                       | 60   | 54                       |
| Imperial - range              | TPI    | 8-112       | 8-112       | 8-112       | 2-112                    | 2-112                    | 2-112  | 7/16 - 80                |
| Diametric - no. of steps      | -      | 36          | 36          | 36          | 50                       | 50                       | 50   | 42                       |
| Diametric - range             | DP     | 8-112       | 8-112       | 8-112       | 4-112                    | 4-112                    | 4-112  | 7/8 - 160                |
| Module - no. of steps         | -      | 22          | 22          | 22          | 34                       | 34                       | 39   | 42                       |
| Module - range                | MP     | 0.2-3       | 0.2-3       | 0.2-3       | 0.1-7                    | 0.1-7                    | 0.1-7  | 0.25- 60                 |
| Lead Screw Pitch              | mm     | 3           | 3           | 3           | 6                        | 6                        | 6  | 2 or 12                  |
| <b>Headstock</b>              |        |             |             |             |                          |                          |  |                          |
| Spindle Nose                  |        | D1-4        | D1-4        | D1-6        | D1-6                     | D1-6                     | D1-8   | D1-8                     |
| Spindle Bore                  | mm     | 38          | 38          | 52          | 58                       | 58                       | 80   | 105                      |
| Spindle Bore Taper            | MT     | 5           | 5           | 6           | 6                        | 6                        | 7  | 5                        |
| Spindle Speeds - no. of steps | -      | 8           | 8           | 16          | 12                       | 12                       | 12   | 16                       |
| Spindle Speeds - range        | rpm    | 70-2000     | 70-2000     | 45-1800     | 25-2000                  | 25-2000                  | 25-1600  | 26-1700                  |
| <b>Tailstock</b>              |        |             |             |             |                          |                          |  |                          |
| Quill Diameter                | mm     | 32          | 32          | 50          | 60                       | 60                       | 75   | 90                       |
| Quill Travel                  | mm     | 100         | 100         | 120         | 120                      | 120                      | 180  | 235                      |
| Quill Taper                   | MT     | 3           | 3           | 4           | 4                        | 4                        | 5  | 5                        |
| <b>Power</b>                  |        |             |             |             |                          |                          |  |                          |
| Motor                         | kW     | 1.5         | 1.5         | 3.3         | 4                        | 4                        | 7.5  | 7.5                      |
| <b>Dimensions</b>             |        |             |             |             |                          |                          |  |                          |
| Length (1)                    | mm     | 1900        | 1900        | 1940        | 2170                     | 2170                     | 2400   | 3710                     |
| Length (2)                    | mm     | -           | -           | -           | 2720                     | 2720                     | 2900   | 4720                     |
| Length (3)                    | mm     | -           | -           | -           | -                        | -                        | 3400   | -                        |
| Length (4)                    | mm     | -           | -           | -           | -                        | -                        | 3900   | -                        |
| Width                         | mm     | 700         | 700         | 850         | 1040                     | 1040                     | 1120   | -                        |
| Height                        | mm     | 1220        | 1250        | 1320        | 1340                     | 1370                     | 1460   | 1230                     |
| Weight (1)                    | kg     | 560         | 670         | 1550        | 1670                     | 1720                     | 2020   | 1600                     |
| Weight (2)                    | kg     | -           | -           | -           | 1970                     | 2020                     | 2370   | 2950                     |
| Weight (3)                    | kg     | -           | -           | -           | -                        | -                        | 2720   | 3320                     |
| Weight (4)                    | kg     | -           | -           | -           | -                        | -                        | 3065   | -                        |