



SB, SG & ST Precision Centre Lathes

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.



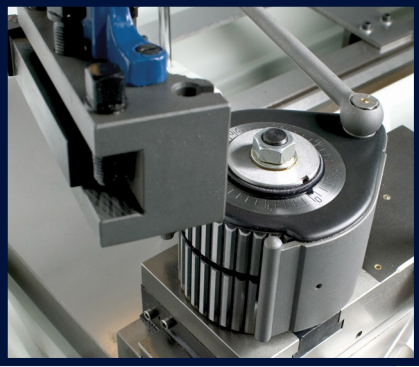
SG Range

Machine Features

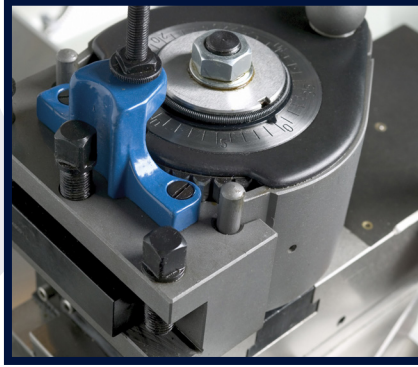
- Heavy duty
- Chuck guard with interlock switch
- Halogen lamp
- Steady rest
- Follow rest
- 4 jaw chuck
- 3 jaw chuck
- Face plate
- Coolant system
- 2 axis DRO
- Super quick tool change system with 4 holders
- ST - Power traverse

Optional Equipment

- Taper turning attachment - SG/ST only



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



2 AXIS DIGITAL READ OUT



**VIEW THROUGH BED AND
SADDLE - SG RANGE**



**TAPER TURNING
ATTACHMENT (OPTIONAL)**



**VIEW THROUGH THE BED
AND SADDLE - SM RANGE**



MAIN CONTROL BOARD



3 JAW CHUCK



LED LIGHTING

TECHNICAL SPECIFICATIONS

		SB1036	SM1041	SG1041 (1) SG1541 (2)	SG1046 (1) SG1546 (2)	SG1056 (1) SG1556 (2) SG2056 (3) SG3056 (4)	ST2066 (1) ST3066 (2)
Capacities							
Swing over Bed	mm	360	410	410	460	560	660
Swing over Cross Slide	mm	21	255	224	274	350	440
Swing over Gap	mm	491	580	640	690	788	900
Length of Gap	mm	210	250	155	155	200	250
Distance between Centres (1)	mm	1000	1000	1000	1000	1000	2000
Distance between Centres (2)	mm	-	-	-	1500	1500	3000
Distance between Centres (3)	mm	-	-	-	-	2000	-
Distance between Centres (4)	mm	-	-	-	-	3000	-
Width of Bed	mm	187	187	250	300	350	400
Feed Rates							
Longitudinal - no. of steps	-	36	36	42	42	35	25
Longitudinal - range	mm/rev	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	42	42	35	25
Cross - range	mm/rev	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	188	160	290	290	326	368
Max. Travel of Compound Rest	mm	68	68	120	120	130	230
Thread Cutting							
Metric - no. of steps	-	28	28	41	41	47	54
Metric - range	mm	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	60	60	60	54
Imperial - range	TPI	8-112	8-112	2-112	2-112	2-112	7/8- 80
Diametric - no. of steps	-	36	36	50	50	50	42
Diametric - range	DP	8-1122					
Module - no. of steps	-	22	22	34	34	39	42
Module - range	MP	0.2-3	8-112	4-112	4-112	4-112	7/8- 160
Lead Screw Pitch	mm	3	3	6	6	6	2 or 12
Headstock							
Spindle Nose		D1-4	D1-6	D1-6	D1-6	D1-8	D1-8
Spindle Bore	mm	38	52	58	58	80	105
Spindle Bore Taper	MT	5	6	6	6	7	5
Spindle Speeds - no. of steps	-	8	16	12	12	12	5
Spindle Speeds - range	RPM	70-2000	45-1800	25-2000	25-2000	25-1600	26-1700
Tailstock							
Quill Diameter	mm	32	50	60	60	75	90
Quill Trave	mm	100	120	120	120	180	235
Quill Taper	MT	3	4	4	4	5	5
Power							
Motor	kW	1.5	3.3	4	4	7.5	7.5
Dimensions							
Length (1)	mm	1900	1940	2170	2170	2400	3710
Length (2)	mm	-	-	2720	2720	2900	4720
Length (3)	mm	-	-	-	-	3400	-
Length (4)	mm	-	-	-	-	3900	-
Width	mm	700	850	1040	1040	1120	-
Height	mm	1250	1320	1340	1370	1460	1230
Weight (1)	kg	670	1550	1670	1720	2020	1600
Weight (2)	kg	-	-	1970	2020	2370	2950
Weight (3)	kg	-	-	-	-	2720	3320
Weight (4)	kg	-	-	-	-	3065	-