Large Swing Lathes

Built to Meet Your Turning Needs...
Extra Heavy-duty Large Swing, Big Bore, Precision Gap Bed Standard Lathes

- Swing Range... 34.6" to 100"
- Spindle Bore Range... 6" to 24"
- Center Distance Range... 63" to 487"

www.clausing-industrial.com
MA Series
Machining Range...

Capacity
- Swing over bed: 34.6” (880mm) 39.7” (1000mm) 44.6” (1135mm) 50” (1275mm)
- Swing over cross slide: 24” (610mm) 29” (740mm) 34.3” (870mm) 39.7” (1010mm)
- Swing in gap: 53” (1340mm) 57.9” (1470mm) 63” (1600mm) 68.5” (1740mm)
- Gap width from headstock: 23.6” (600mm)
- Center height over bed: 17.3” (400mm) 19.85” (505mm) 22.3” (568mm) 25” (635mm)
- Center height from floor: 44.1” (1120mm) 46.7” (1185mm) 49.1” (1248mm) 51.8” (1315mm)
- Center distance: 63” (1600mm) to 476” (12100mm) (see dimension & center distance chart)
- Maximum weight between centers: 8,800 lbs (4000kg)
- Maximum weight with steady rest: 11,000 lbs (5000kg)
- Maximum unsupported weight in chuck: 5,500 lbs (2500kg)
- Small closed steady rest (optional): 1.2” (30mm) to 15.7” (400mm)
- Large closed steady rest (optional): 13.8” (350mm) to 27.6” (700mm)
- Follower rest (optional): 1.5” (40mm) to 7” (178mm)

Bed
- Bed width: 22” (560mm) with standard auxiliary guides: 25.5” (650mm)
- Bed height from floor: 26.77” (680mm)
- 1.97” (50mm) leadscrew, leadscrew/feed rod support on 122” (3100mm) and longer models

Headstock
- Spindle bore 6” (153mm) standard,
  Up to 14.17” (360mm) optional on 34.6” (880mm) swing models
  Up to 16.14” (410mm) optional 39.7” (1010mm) and larger swing models
- Spindle nose: A2-11 to A2-28
- Spindle speed range: 18 step manual gear change on 6” (153mm) - 10.03” (255mm) spindle bore models, 4 range auto change variable speed with CSS on 12.5” (318mm) and larger spindle bore models (optional on 6” (153mm) - 10.03” (255mm) spindle bore models)
- Spindle speeds: 8-800 rpm 18 step manual gear box, 4-1000 rpm auto variable speed (see spindle and speed range chart)
- Spindle drive motor: 30 Hp standard

Carriage
- Cross-slide travel: 26.4” (670mm)
  Compound rest travel: 17.7” (450mm)
- 4 way, 8 position tool post with T-slots

Tailstock
- Quill diameter: 4.5” (115mm)
  Quill travel: 7.87” (200mm)
- Quill taper: 6MT
- Bearing surface on bed ways: 19.75” (500mm)
- Manual tailstock with saddle pin body movement

MB Series
Machining Range...

Capacity
- Swing over bed: 44.6” (1135mm) 50” (1275mm) 60” (1527mm) 70” (1790mm)
- Swing over cross slide: 31.9” (810mm) 37” (950mm) 47” (1190mm) 57” (1460mm)
- Swing in gap: 65” (1650mm) 70” (1780mm) 80” (2100mm) 90” (2300mm)
- Gap width from headstock: 23.6” (600mm)
- Center height over bed: 22.3” (568mm) 25” (635mm) 30” (764mm) 35” (950mm)
- Center height from floor: 41.1” (1049mm) 51.8” (1315mm) 56.8” (1422mm) 61.8” (1535mm)
- Center distance: 69” (1750mm) to 482” (12125mm) (see dimension & center distance chart)
- Maximum weight between centers: 11,000 lbs (5000kg)
- Maximum weight with steady rest: 13,200 lbs (6000kg)
- Maximum unsupported weight in chuck: 6,600 lbs (3000kg)
- Small closed steady rest (optional): 1.2” (30mm) to 15.75” (400mm)
- Large closed steady rest (optional): 13.8” (350mm) to 27.6” (700mm)
- Follower rest (optional): 1.5” (40mm) to 7” (178mm)

Bed
- Bed width: 28” (710mm) with standard auxiliary guides: 32” (812mm)
- Bed height from floor: 26.77” (680mm)
- 1.97” (50mm) leadscrew, leadscrew/feed rod support on 128” (3250mm) and longer models

Headstock
- Spindle bore: 6” (153mm) standard, up to 24.02” (610mm) optional
- Spindle nose: A2-11 to A2-28
- Spindle speed range: 18 step manual gear change on 6” (153mm) and 9” (230mm) spindle bore models, 4 range auto change variable speed with CSS on 10.03” (255mm) and larger spindle bore models (optional on 6” (153mm) and 9” (230mm) spindle bore models)
- Spindle speeds: 8-800 rpm 18 step manual gear box, 4-1000 rpm auto variable speed (see spindle and speed range chart)
- Spindle drive motor: 40 Hp standard

Carriage
- Cross-slide travel: 31.5” (800mm)
- Compound rest travel: 17.7” (450mm)
- 4 way, 8 position tool post with T-slots

Tailstock
- Quill diameter: 5.7” (145mm)
- Quill travel: 7.87” (200mm)
- Quill taper: 6MT
- Bearing surface on bed ways: 23.5” (600mm)
- Manual tailstock with saddle pin body movement
Clausing Large Swing Lathes are designed for optimum performance, heavy stock removal while providing the versatility required by a large range of industries. All machines are tested to the most stringent accuracy and test cuts are made before shipping...

<table>
<thead>
<tr>
<th>MH Series</th>
<th>MK Series</th>
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<tbody>
<tr>
<td><strong>Machining Range...</strong></td>
<td><strong>Machining Range...</strong></td>
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<tr>
<td><strong>Capacity</strong></td>
<td><strong>Capacity</strong></td>
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<tr>
<td>- Swing over bed:</td>
<td>- Swing over bed:</td>
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<tr>
<td>50&quot; (1275mm)</td>
<td>70&quot; (1790mm)</td>
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<tr>
<td>60&quot; (1527mm)</td>
<td>63&quot; (1600mm)</td>
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<tr>
<td>70&quot; (1790mm)</td>
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<td>80&quot; (2040mm)</td>
<td>60&quot; (1527mm)</td>
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<tr>
<td><strong>Swing over cross slide:</strong></td>
<td><strong>Swing over cross slide:</strong></td>
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<td>35&quot; (885mm)</td>
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<tr>
<td>44.7&quot; (1137mm)</td>
<td>63&quot; (1600mm)</td>
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<tr>
<td>55&quot; (1400mm)</td>
<td>75&quot; (1900mm)</td>
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<td>65&quot; (1650mm)</td>
<td>85&quot; (2150mm)</td>
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<td><strong>Center height over bed:</strong></td>
<td><strong>Center height over bed:</strong></td>
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<td>25&quot; (638mm)</td>
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<td>30&quot; (764mm)</td>
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<td>50&quot; (1270mm)</td>
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<td><strong>Center height from floor:</strong></td>
<td><strong>Center height from floor:</strong></td>
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<td>54&quot; (1372mm)</td>
<td>49&quot; (1245mm)</td>
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<td>59&quot; (1500mm)</td>
<td>56&quot; (1475mm)</td>
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<td>64&quot; (1625mm)</td>
<td>69&quot; (1790mm)</td>
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<td>65&quot; (1650mm)</td>
<td>77&quot; (1955mm)</td>
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<tr>
<td><strong>Center distance:</strong></td>
<td><strong>Center distance:</strong></td>
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<tr>
<td>93&quot; (2370mm) to 487&quot; (12370mm)</td>
<td>81&quot; (2060mm) to 474&quot; (12060mm)</td>
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<tr>
<td>(see dimension &amp; center distance chart)</td>
<td>(see dimension &amp; center distance chart)</td>
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<tr>
<td><strong>Capacity</strong></td>
<td><strong>Capacity</strong></td>
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<tr>
<td>- Maximum weight between centers: 17,600 lbs (8000kg)</td>
<td>- Maximum weight between centers: 33,000 lbs (15000kg)</td>
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<tr>
<td>- Maximum weight with steady rest: 22,200 lbs (10000kg)</td>
<td>- Maximum weight with steady rest: 37,400 lbs (17000kg)</td>
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<td>- Maximum unsupposed weight in chuck: 9,900 lbs (4500kg)</td>
<td>- Maximum unsupported weight in chuck: 19,800 lbs (9000kg)</td>
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<td>- Small closed steady rest (optional): 1.2&quot; (30mm) to 15.75&quot; (400mm)</td>
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<tr>
<td>- Large closed steady rest (optional): 13.8&quot; (350mm) to 27.56&quot; (700mm)</td>
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<tr>
<td><strong>Bed</strong></td>
<td><strong>Bed</strong></td>
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<tr>
<td>- Bed width: 40&quot; (1020mm), with standard auxiliary guides: 45.7&quot; (1160mm)</td>
<td>- Bed width: 47.5&quot; (1210mm), with standard auxiliary guides: 54&quot; (1370mm)</td>
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<tr>
<td>- Bed height from floor: 29&quot; (740mm)</td>
<td>- Bed height from floor: 30&quot; (760mm)</td>
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<tr>
<td>- 1.97&quot; (50mm) leadscrew, leadscrew/feed rod support on 132&quot; (3352mm) and longer models</td>
<td>- 2.36&quot; (60mm) leadscrew, leadscrew/feed rod support on 120&quot; (3048mm) and longer models</td>
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<tr>
<td><strong>Headstock</strong></td>
<td><strong>Headstock</strong></td>
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<tr>
<td>- Spindle bore: 6&quot; (153mm) standard, up to 24.02&quot; (610mm) optional</td>
<td>- Spindle bore: 9&quot; (230mm) standard, up to 24.02&quot; (610mm) optional</td>
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<tr>
<td>- Spindle nose: A2-11 to A2-28</td>
<td>- Spindle nose: A2-15 to A2-28</td>
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<tr>
<td>- Spindle speed range: 4 auto change variable speed ranges with CSS</td>
<td>- Spindle speed range: 4 auto change variable speed ranges with CSS</td>
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<tr>
<td>- 4-1000 rpm auto variable speed (see spindle and speed range chart)</td>
<td>- 4-700 rpm auto variable speed (see spindle and speed range chart)</td>
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<tr>
<td>- Spindle drive motor: 50 Hp standard</td>
<td>- Spindle drive motor: 75 Hp standard</td>
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<tr>
<td><strong>Carriage</strong></td>
<td><strong>Carriage</strong></td>
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<td>- Cross-slide travel: 43.3&quot; (1100mm)</td>
<td>- Cross-slide travel: 51&quot; (1300mm)</td>
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<tr>
<td>- Compound rest travel: 17.7&quot; (450mm)</td>
<td>- Compound rest travel: 19.7&quot; (500mm)</td>
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<tr>
<td>- 4 way, 8 position tool post with T-slots</td>
<td>- 4 way, 12 position tool post with T-slots</td>
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<tr>
<td><strong>Tailstock</strong></td>
<td><strong>Tailstock</strong></td>
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<tr>
<td>- Quill diameter: 9.25&quot; (235mm)</td>
<td>- Quill diameter: 11&quot; (280mm)</td>
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<tr>
<td>- Quill travel: 7.87&quot; (200mm)</td>
<td>- Quill travel: 10&quot; (250mm)</td>
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<tr>
<td>- Quill taper: 6MT</td>
<td>- Quill taper: 6MT</td>
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<tr>
<td>- Bearing surface on bed ways: 26&quot; (660mm)</td>
<td>- Bearing surface on bed ways: 44&quot; (1120mm)</td>
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<tr>
<td>- Hydraulic tailstock with rotating quill and hydraulic body movement</td>
<td>- Hydraulic tailstock with rotating quill and hydraulic body movement</td>
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## MA Series

<table>
<thead>
<tr>
<th>Center Distance</th>
<th>Length A</th>
<th>Base width B</th>
<th>Overall width C</th>
<th>Height D</th>
</tr>
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<tbody>
<tr>
<td>63&quot; (1600mm)</td>
<td>145&quot; (3680mm)</td>
<td>165&quot; (4190mm)</td>
<td>204&quot; (5190mm)</td>
<td>35&quot; (880mm) swing - 54&quot; (1370mm)</td>
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<td>82&quot; (2100mm)</td>
<td>165&quot; (4190mm)</td>
<td>204&quot; (5190mm)</td>
<td>244&quot; (6190mm)</td>
<td>40&quot; (1010mm) swing - 56&quot; (1422mm)</td>
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<tr>
<td>122&quot; (3100mm)</td>
<td>185&quot; (4700mm)</td>
<td>224&quot; (5690mm)</td>
<td>283&quot; (7160mm)</td>
<td>45&quot; swing (1135mm) - 59&quot; (1500mm)</td>
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<tr>
<td>160&quot; (4100mm)</td>
<td>205&quot; (5230mm)</td>
<td>244&quot; (6250mm)</td>
<td>322&quot; (8190mm)</td>
<td>50&quot; swing (1275mm) - 62&quot; (1575mm)</td>
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<tr>
<td>200&quot; (5100mm)</td>
<td>225&quot; (5710mm)</td>
<td>284&quot; (7190mm)</td>
<td>362&quot; (9190mm)</td>
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<tr>
<td>240&quot; (6100mm)</td>
<td>245&quot; (6590mm)</td>
<td>304&quot; (7720mm)</td>
<td>401&quot; (10190mm)</td>
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<td>279&quot; (7100mm)</td>
<td>265&quot; (6890mm)</td>
<td>324&quot; (8250mm)</td>
<td>440&quot; (11190mm)</td>
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<tr>
<td>318&quot; (8100mm)</td>
<td>285&quot; (7470mm)</td>
<td>344&quot; (8800mm)</td>
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<tr>
<td>358&quot; (9100mm)</td>
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<td>383&quot; (9730mm)</td>
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<td>437&quot; (11100mm)</td>
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<td>403&quot; (10250mm)</td>
<td>599&quot; (15190mm)</td>
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<tr>
<td>476&quot; (12100mm)</td>
<td>365&quot; (9030mm)</td>
<td>443&quot; (11250mm)</td>
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<tr>
<th>Weight lbs/kg</th>
<th>35&quot; swing</th>
<th>40&quot; swing</th>
<th>45&quot; swing</th>
<th>50&quot; swing</th>
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<tr>
<td>35&quot; swing</td>
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<td>22,000 (9800)</td>
<td>24,200 (10880)</td>
<td>26,400 (12395)</td>
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<td>40&quot; swing</td>
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<td>45&quot; swing</td>
<td>22,440 (10180)</td>
<td>23,540 (10687)</td>
<td>26,040 (11835)</td>
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<td>50&quot; swing</td>
<td>23,240 (10740)</td>
<td>24,340 (11237)</td>
<td>27,040 (12510)</td>
<td>29,640 (14020)</td>
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Due to ongoing design improvements or customer requirements, design and specifications are subject to change without notice.
Center Distance, Dimensions and Weight

MH Series

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<tr>
<th>Center Distance</th>
<th>93&quot; (2370mm)</th>
<th>132&quot; (3370mm)</th>
<th>172&quot; (4370mm)</th>
<th>210&quot; (5370mm)</th>
<th>250&quot; (6370mm)</th>
<th>290&quot; (7370mm)</th>
<th>329&quot; (8370mm)</th>
<th>368&quot; (9370mm)</th>
<th>408&quot; (10370mm)</th>
<th>447&quot; (11370mm)</th>
<th>487&quot; (12370mm)</th>
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<tbody>
<tr>
<td>Length A</td>
<td>215&quot; (5450mm)</td>
<td>254&quot; (6450mm)</td>
<td>293&quot; (7450mm)</td>
<td>333&quot; (8450mm)</td>
<td>372&quot; (9450mm)</td>
<td>411&quot; (10450mm)</td>
<td>451&quot; (11450mm)</td>
<td>490&quot; (12450mm)</td>
<td>529&quot; (13450mm)</td>
<td>569&quot; (14450mm)</td>
<td>608&quot; (15450mm)</td>
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<td>Base width B</td>
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<td>Weight lbs.(kg)</td>
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<td>50&quot; swing</td>
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<td>42,240 (19150)</td>
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<td>49,940 (22655)</td>
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<td>70&quot; swing</td>
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<td>46,640 (21150)</td>
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<td>80&quot; swing</td>
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<td>59,840 (27150)</td>
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<td>92,840 (42150)</td>
<td>98,340 (44650)</td>
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MK Series

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<tr>
<th>Center Distance</th>
<th>81&quot; (2060mm)</th>
<th>120&quot; (3060mm)</th>
<th>160&quot; (4060mm)</th>
<th>199&quot; (5060mm)</th>
<th>238&quot; (6060mm)</th>
<th>278&quot; (7060mm)</th>
<th>317&quot; (8060mm)</th>
<th>356&quot; (9060mm)</th>
<th>396&quot; (10060mm)</th>
<th>435&quot; (12060mm)</th>
<th>474&quot; (13060mm)</th>
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<tbody>
<tr>
<td>Length A</td>
<td>215&quot; (5450mm)</td>
<td>254&quot; (6450mm)</td>
<td>293&quot; (7450mm)</td>
<td>333&quot; (8450mm)</td>
<td>372&quot; (9450mm)</td>
<td>411&quot; (10450mm)</td>
<td>451&quot; (11450mm)</td>
<td>490&quot; (12450mm)</td>
<td>529&quot; (13450mm)</td>
<td>569&quot; (14450mm)</td>
<td>608&quot; (15450mm)</td>
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<td>Base width B</td>
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<td>Overall width C</td>
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<tr>
<td>Weight lbs.(kg)</td>
<td></td>
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<tr>
<td>70&quot; swing</td>
<td>49,940 (22655)</td>
<td>58,740 (26655)</td>
<td>67,540 (30655)</td>
<td>76,340 (34655)</td>
<td>85,140 (38655)</td>
<td>93,940 (42655)</td>
<td>102,740 (46655)</td>
<td>111,540 (50655)</td>
<td>120,340 (54655)</td>
<td>129,140 (58555)</td>
<td>137,940 (62150)</td>
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<tr>
<td>80&quot; swing</td>
<td>53,240 (24150)</td>
<td>62,040 (28150)</td>
<td>70,840 (32150)</td>
<td>79,640 (36150)</td>
<td>88,440 (39150)</td>
<td>97,240 (42150)</td>
<td>106,040 (46150)</td>
<td>114,840 (50150)</td>
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<td>90&quot; swing</td>
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<td>65,340 (29650)</td>
<td>74,140 (33650)</td>
<td>82,940 (37650)</td>
<td>91,740 (41650)</td>
<td>100,540 (45650)</td>
<td>109,340 (49650)</td>
<td>118,140 (53650)</td>
<td>126,940 (57650)</td>
<td>135,740 (61570)</td>
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<tr>
<td>100&quot; swing</td>
<td>59,840 (27150)</td>
<td>68,640 (31150)</td>
<td>77,440 (35150)</td>
<td>86,240 (39150)</td>
<td>95,040 (43150)</td>
<td>103,840 (47150)</td>
<td>112,640 (51150)</td>
<td>121,440 (55150)</td>
<td>130,240 (59150)</td>
<td>139,040 (63070)</td>
<td>147,840 (67070)</td>
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Due to ongoing design improvements or customer requirements, design and specifications are subject to change without notice.
### MA Series
- Chuck guard with limit switch
- 30 Hp spindle drive motor
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse • 6 way power feed
- 4 way 8 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Manual tailstock with saddle pin body movement and anti slip lock
- Gears and bed ways hardened and ground
- Traveling splash guard • Built-in air power supply tube
- Halogen work light
- Leveling screws and pads
- Tools, tool box and operation manual

### MB Series
- Chuck guard with limit switch
- 40 Hp spindle drive motor
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse • 6 way power feed
- 4 way 8 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Manual tailstock with saddle pin body movement and anti slip lock
- Gears and bed ways hardened and ground
- Traveling splash guard • Built-in air power supply tube
- Halogen work light
- Leveling screws and pads
- Tools, tool box and operation manual

### MH Series
- Chuck guard with limit switch
- 50 Hp motor with inverter variable speed motor
- 4 range auto change variable speed with CSS
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse
- 6 way power feed
- 4 way 8 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Manual tailstock with saddle pin body movement and anti-slip lock
- Gears and bed ways hardened and ground
- Traveling splash guard • Built-in air power supply tube
- Halogen work light
- Leveling screws and pads
- Tools, tool box and operation manual

### MK Series
- Chuck guard with limit switch
- 75 Hp motor with inverter variable speed motor
- 4 range auto change variable speed with CSS
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse
- 6 way power feed
- 4 way 12 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Hydraulic tailstock with with rotating quill, hydraulic movement and anti-slip lock
- Gears and bed ways hardened and ground
- Traveling splash guard
- Built-in air power supply tube
- Halogen work light
- Leveling screws and pads
- Tools, tool box and operation manual

### MA Series
- Chuck guard with limit switch
- 30 Hp spindle drive motor
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse • 6 way power feed
- 4 way 8 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Manual tailstock with saddle pin body movement and anti slip lock
- Gears and bed ways hardened and ground
- Traveling splash guard • Built-in air power supply tube
- Halogen work light
- Leveling screws and pads
- Tools, tool box and operation manual

### MB Series
- Chuck guard with limit switch
- 40 Hp spindle drive motor
- Auto power off with 2 adjustable position stops
- Mechanical safety device • Lockable main switch
- Electrical cabinet ventilation fans • Electromagnetic spindle brake
- 6 way rapid traverse • 6 way power feed
- 4 way 8 position tool post with T-slots • 2 dead centers
- Steel leadscrew cover • Coolant system • Auto lube
- Thread dial • QIK Threading system and A.P.I. threads
- Manual tailstock with saddle pin body movement and anti slip lock
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- Tools, tool box and operation manual

### Thread and feed Range Spindle Bore and Speed Range

<table>
<thead>
<tr>
<th>Spindle Bore Size</th>
<th>Longitudinal feeds 0.0018-0.1in/rev (0.045-2.55mm/rev)</th>
<th>Cross feeds 0.0009-0.05(in/rev) (0.023-1.28mm/rev)</th>
<th>Longitudinal rapid feeds 80in/min (2000mm/min)</th>
<th>Cross rapid feeds 40in/min (2000mm/min)</th>
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</thead>
<tbody>
<tr>
<td>6.02&quot; (153mm)</td>
<td>9.05&quot; (230mm)</td>
<td>10.03&quot; (255mm)</td>
<td>12.5318&quot; (313mm)</td>
<td>14.17&quot; (360mm)</td>
</tr>
<tr>
<td>6.02&quot; (153mm)</td>
<td>9.05&quot; (230mm)</td>
<td>10.03&quot; (255mm)</td>
<td>12.5318&quot; (313mm)</td>
<td>14.17&quot; (360mm)</td>
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<td>14.17&quot; (360mm)</td>
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<table>
<thead>
<tr>
<th>Spindle Nose</th>
<th>Front Spindle Bearing</th>
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<tbody>
<tr>
<td>A2-11</td>
<td>7.87&quot; (200mm)</td>
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<tr>
<td>A2-15</td>
<td>12&quot; (305mm)</td>
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<tr>
<td>A2-15</td>
<td>14&quot; (355mm)</td>
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<tr>
<td>A2-20</td>
<td>15&quot; (381mm)</td>
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<tr>
<td>A2-20</td>
<td>16.12&quot; (409mm)</td>
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<tr>
<td>A2-28</td>
<td>19.25&quot; (519mm)</td>
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<tr>
<td>A2-28</td>
<td>23.5&quot; (698mm)</td>
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<tr>
<td>A2-32</td>
<td>27.5&quot; (720mm)</td>
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<table>
<thead>
<tr>
<th>Speed Range #1 (rpm)</th>
<th>Speed Range #2 (rpm)</th>
<th>Speed Range #3 (rpm)</th>
<th>Speed Range #4 (rpm)</th>
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<tbody>
<tr>
<td>18-130</td>
<td>35-260</td>
<td>85-550</td>
<td>165-1000</td>
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<tr>
<td>13-95</td>
<td>20-185</td>
<td>70-420</td>
<td>150-700</td>
</tr>
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<td>12-85</td>
<td>23-170</td>
<td>60-400</td>
<td>120-600</td>
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<td>10-75</td>
<td>20-150</td>
<td>55-300</td>
<td>95-350</td>
</tr>
<tr>
<td>8-50</td>
<td>15-100</td>
<td>50-250</td>
<td>65-300</td>
</tr>
<tr>
<td>6-40</td>
<td>12-80</td>
<td>35-200</td>
<td>50-250</td>
</tr>
<tr>
<td>4-25</td>
<td>8-50</td>
<td>30-180</td>
<td>40-220</td>
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</table>

<table>
<thead>
<tr>
<th>18 Step Gear Box Spindle Speeds (rpm)</th>
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</thead>
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*Optional 1000 rpm

*Optional 1200 rpm

Due to ongoing design improvements or customer requirements, design and specifications are subject to change without notice.
### Optional Equipment

#### MA Series
- 'CE' Telemechanique electrics
- 40 hp spindle drive motor
- Spindle bore up to 14.17" on 34.6" swing and 16.14" on 39.7" swing and larger
- 4 range auto change variable speed with CSS for 6"/9"/10" bore models
- Dual chuck adapter
- Closed steady rest 1.5" to 15.75"
- Closed steady rest 13.8" to 27.56"
- Follower rest 1.5" to 7"
- Full length rear splash guard
- Full guarding
- Belt chip conveyor with cart
- 30" 4 jaw american type, ground, thick body chuck
- 36" 4 jaw american type, ground, thick body chuck
- 40" 4 jaw english type chuck
- 45" 4 jaw english type chuck
- 50" 4 jaw english type chuck
- Special long jaws
- Taper attachment
- Full length hydraulic profile cutting system including semi-auto threading
- Full length tracer
- Semi-auto threading • Micro stop

#### MB Series
- 'CE' Telemechanique electrics
- 50 hp spindle drive motor
- Spindle bore up to 24.02"
- 4 range auto change variable speed with CSS for 6"/9"/10" bore models
- Dual chuck adapter
- Closed steady rest 1.5" to 15.75"
- Closed steady rest 13.8" to 27.56"
- Follower rest 1.5" to 7"
- Full length rear splash guard
- Full guarding
- Belt chip conveyor with cart
- 30" 4 jaw american type, ground, thick body chuck
- 36" 4 jaw american type, ground, thick body chuck
- 40" 4 jaw english type chuck
- 45" 4 jaw english type chuck
- 50" 4 jaw english type chuck
- Special long jaws
- Taper attachment
- Full length hydraulic profile cutting system including semi-auto threading
- Full length tracer
- Semi-auto threading • Micro stop

#### MH Series
- 'CE' Telemechanique electrics
- 75 hp spindle drive motor
- Spindle bore up to 24.02"
- Dual chuck adapter
- Closed steady rest 1.5" to 15.75"
- Closed steady rest 13.8" to 27.56"
- Open steady rest 1.5" to 15.75"
- Open steady rest 13.8" to 27.56"
- Full length rear splash guard • Full guarding
- Belt chip conveyor with cart
- 40" 4 jaw ground, thick steel body chuck - A2-15
- 46" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 50" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 60" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 70" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 80" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 30" 4 jaw american type, ground, thick body chuck
- 36" 4 jaw american type, ground, thick body chuck
- 40" 4 jaw english type chuck
- 45" 4 jaw english type chuck
- 50" 4 jaw english type chuck
- Special long jaws
- Taper attachment
- Full length hydraulic profile cutting system including semi-auto threading
- Full length tracer
- Semi-auto threading • Micro stop

#### MK Series
- 'CE' Telemechanique electrics
- 100 hp spindle drive motor
- Spindle bore up to 24.02"
- Dual chuck adapter
- Closed steady rest 1.5" to 15.75" • Closed steady rest 13.8" to 27.56"
- Closed steady rest 23.6" to 39.37"
- Open steady rest 1.5" to 15.75" • Open steady rest 13.8" to 27.56"
- Open steady rest 23.6" to 39.37"
- Full length rear splash guard • Full guarding
- Belt chip conveyor with cart
- 40" 4 jaw ground, thick steel body chuck - A2-15
- 46" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 50" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 60" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 70" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 80" 4 jaw ground, thick steel body chuck - A2-15 to A2-28
- 50" 4 jaw english type chuck - A2-15 to A2-28
- 55" 4 jaw english type chuck - A2-15 to A2-28
- 60" 4 jaw english type chuck - A2-15 to A2-28
- 70" 4 jaw english type chuck - A2-15 to A2-28
- 80" 4 jaw english type chuck - A2-15 to A2-28
- 90" 4 jaw english type chuck - A2-15 to A2-28
- 100" 4 jaw english type chuck - A2-15 to A2-28
- Special long jaws • Taper attachment
- Full length hydraulic profile cutting system including semi-auto threading
- Full length tracer • Semi-auto threading • Micro stop

Due to ongoing design improvements or customer requirements, design and specifications are subject to change without notice.

The “Clausing Large Swing Standard Lathe Profile” e-form is available on our web site, simply save it to your desktop, fill it out and e-mail to: info@clausing-industrial.com

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