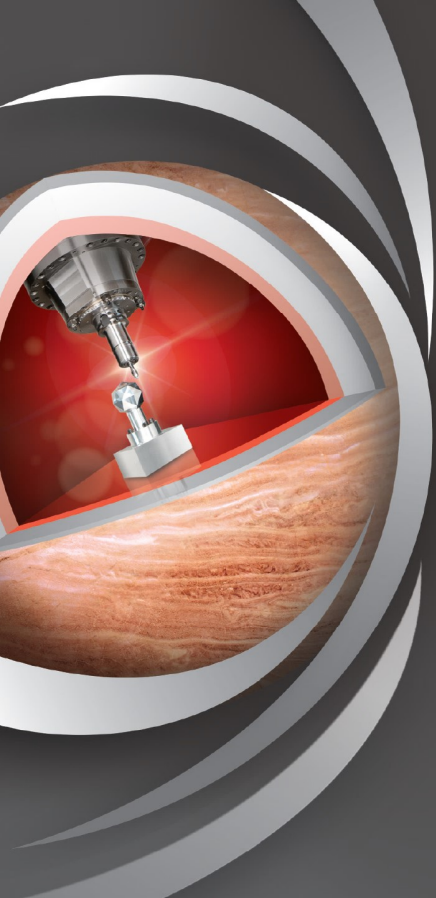




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LATHE SERIES

SLANT BED CNC LATHES



JHL-710

SIMPLY UNRIVALED

| SPECIFICATION | UNIT | JHL-400 | JHL-710 | JHL-800 | JHL-1200 | JHL-1700 |
|---------------------------------|-----------|-------------------|-------------------|------------------|------------------|------------------|
| Capacity | | | | | | |
| Swing Over Bed | in | 22.05 | 23.62 | 26.77 | 26.77 | 26.77 |
| Swing Over Saddle | in | 14.37 | 17.72 | 19.69 | 19.69 | 19.69 |
| Max Turning Diameter | in | 15.75 | 17.72 | 19.69 | 19.69 | 19.69 |
| Max Working Length | in | 11.81 | 24.02 | 29.53 | 45.28 | 64.96 |
| Distance Between Centers | in | 15.75 | 27.95 | 31.50 | 47.24 | 66.93 |
| Bar Capacity | in ϕ | 1.77 | 2.95 | 3.07 | 3.07 | 3.07 |
| Chuck Size | in | 6 | 10 | 10 | 10 | 10 |
| Optional Chuck Size | in | - | - | 12 | 12 | 12 |
| Stroke | | | | | | |
| X Axis Stroke | in | 8.07 + 0.98 | 8.86 + 0.98 | 9.84 + 1.18 | 9.84 + 1.18 | 9.84 + 1.18 |
| Z Axis Stroke | in | 13.78 | 25.98 | 31.89 | 47.64 | 67.32 |
| Traverse | | | | | | |
| Guideway Type | | Linear Roller | Box | Box | Box | Box |
| X Axis Rapid Traverse | | 1,181 | 787 | 787 | 630 | 630 |
| Z Axis Rapid Traverse | | 1,181 | 787 | 984 | 787 | 787 |
| Cutting Feed Rate X / Z Axes | ipm | 394 | 394 | 394 | 394 | 394 |
| Spindle | | | | | | |
| Speed | rpm | 6,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Nose | | A2-5 | A2-8 | A2-8 | A2-8 | A2-8 |
| Taper | | 1 / 20 | 1 / 20 | 1 / 20 | 1 / 20 | 1 / 20 |
| Bore Diameter | in ϕ | 2.17 | 3.62 | 3.62 | 3.62 | 3.62 |
| Turret | | | | | | |
| Type and Capacity | | Hyd. / V10 or V12 | Hyd. / V10 or V12 | Hyd. / V8 or V12 | Hyd. / V8 or V12 | Hyd. / V8 or V12 |
| Square Tool Dimensions | in | 0.98 x 0.98 | 0.98 x 0.98 | 0.98 x 0.98 | 0.98 x 0.98 | 0.98 x 0.98 |
| Boring Tool Dimensions | in ϕ | 1.57 | 1.57 | 1.57 | 1.57 | 1.57 |
| Indexing Time | s,T-T | 0.4 | 0.4 | 0.5 | 0.34 | 0.34 |
| Tailstock | | | | | | |
| Movement Type | | - | Manual or Prog. | Manual or Prog. | Manual or Prog. | Manual or Prog. |
| Body Stroke | in | - | 18.11 | 20.47 | 36.22 | 55.91 |
| Quill Movement Type | | - | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| Quill Stroke | in | - | 3.94 | 3.94 | 3.94 | 3.94 |
| Quill Diameter | in | - | 3.54 | 3.54 | 3.54 | 3.54 |
| Quill Taper | | - | MT5 | MT5 | MT5 | MT5 |
| Max Quill Thrust | lb | - | 704 | 704 | 704 | 704 |
| Motor | | | | | | |
| Main Motor (cont. / 30min) | hp | 15 / 20 | 20 / 25 | 20 / 25 | 20 / 25 | 20 / 25 |
| Axial Servo Motor X / Z | hp | 2.4 | 3.4 | 4.0 | 4.0 | 4.0 |
| Accuracy | | | | | | |
| Positioning Accuracy | in / ft | 0.000394 | 0.000394 | 0.000394 | 0.000394 | 0.000394 |
| Repeatability | in | 0.000236 | 0.000236 | 0.000236 | 0.000236 | 0.000236 |
| Hydraulics & Coolant | | | | | | |
| Hydraulic Pump Motor | hp | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Hydraulic Pressure | psi | 569 | 569 | 569 | 569 | 569 |
| Hydraulic Tank Capacity | gal | 7.9 | 7.9 | 15.9 | 15.9 | 15.9 |
| Coolant Motor Output | hp | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Coolant Tank Capacity | gal | 21.1 | 39.6 | 47.6 | 58.1 | 70.0 |
| Lubrication Tank Capacity | gal | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Misc | | | | | | |
| Control | | 0i-TD | 0i-TD | 0i-TD | 0i-TD | 0i-TD |
| Power | KVA | 25 | 30 | 30 | 30 | 30 |
| Overall Dimensions (L x W x H) | in | 95 x 62 x 67 | 134 x 75 x 77 | 136 x 73 x 79 | 152 x 73 x 79 | 167 X 73 x 79 |
| Machine Weight | lb | 7,370 | 11,000 | 12,980 | 14,410 | 15,840 |



VMC



5-Axis Gantry VMC



Tapping Center



HMC



Lathe



Bridge Mill

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