

## Lehigh EZ-Cut II Series

| SPECIFICATIONS                            | LD-3500 LD-4000                  | LD-4500 LD-5000 LD-5500                      |
|---|----------------------------------|--|
| <b>Machine Capacity</b>                   |                                  |  |
| Max. swing over bed                       | 35" 40"                          | 45" 50" 55"                                  |
| Max. swing over cross slide               | 19" 22"                          | 28" 33" 38"                                  |
| Width of bed                              | 22"                              | 28" 33"                                      |
| Distance between centers                  | 42", 82", 122", 161", 200", 240" | 47", 86", 126" 165", 204", 244", 283", 322"  |
| <b>Headstock/Main Spindle</b>             |                                  |  |
| Spindle bore size                         | 6" 9" 12" 16"                    | 6" 9" 12" 16" 21"                            |
| Spindle nose type                         | A2-11 A2-15 A2-20 A2-28          | A2-11 A2-15 A2-20 A2-28                      |
| Spindle speed (variable speeds) RPM range | 11-600 11-450 11-400 8-250       | 9-600 9-450 9-400 6-250 6-220                |
| <b>Saddle/Ball Screws</b>                 |                                  |  |
| Turret & Tool Size (Optional)             | H4/V8 with 1-1/4" X 1-1/4" Tool  | H4/V8/V12 with 1-3/8" X 1-3/8" Tool          |
| Longitudinal travel (Z-axis)              | 42", 82", 122", 161", 200", 240" | 47", 86", 126", 165" 204", 244", 283", 322"  |
| Cross travel (X-axis)                     | 20"                              | 28"  |
| Ball screw diameter (Z-axis)              | 2-1/2" (63 mm) 2-1/2" (63 mm)    | 2-1/2" (63 mm) 2-1/2" (63 mm) 3-1/8" (80 mm) |
| Ball screw diameter (X-axis)              | 1-5/8" (40 mm) 1-5/8" (40 mm)    | 1-5/8" (40 mm) 1-5/8" (40 mm) 1-5/8" (40 mm) |
| X-axis feed rate                          | 238 IPM                          | 238 IPM                                      |
| Z-axis feed rate                          | 238 IPM                          | 238 IPM                                      |
| <b>Tailstock</b>                          |                                  |  |
| Diameter of spindle                       | 7"                               | 7"   |
| Quill travel                              | 10"                              | 10"  |
| Taper in spindle                          | MT6                              | MT6  |
| <b>AC Motors</b>                          |                                  |  |
| AC Servo motor for X-axis                 | 5.3 HP                           | 5.3 HP                                       |
| AC Servo motor for Z-axis                 | 5.3 HP                           | 5.3 HP                                       |
| Main Drive Motor                          | 220V/3 PH/60 Hz/30 HP            | 220V/3 PH/60 Hz/35 HP/OPT: 40 HP/45 HP       |
| Coolant Pump                              | 1-1/8 HP                         | 1-1/8 HP                                     |
| Lubricant Pump                            | 1/3 HP                           | 1/3 HP                                       |
| Hydraulic Pump                            | 3 HP                             | 3 HP   |