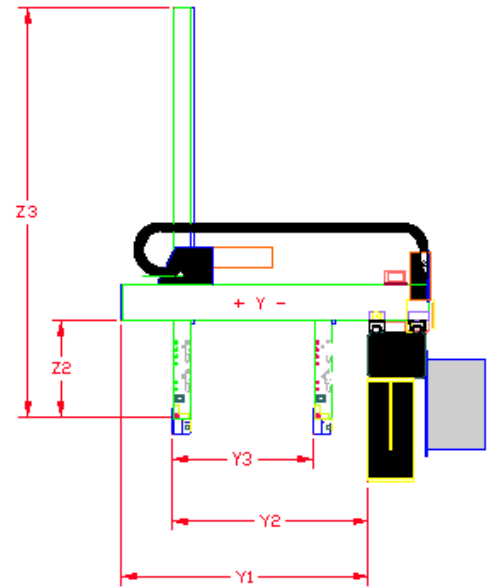
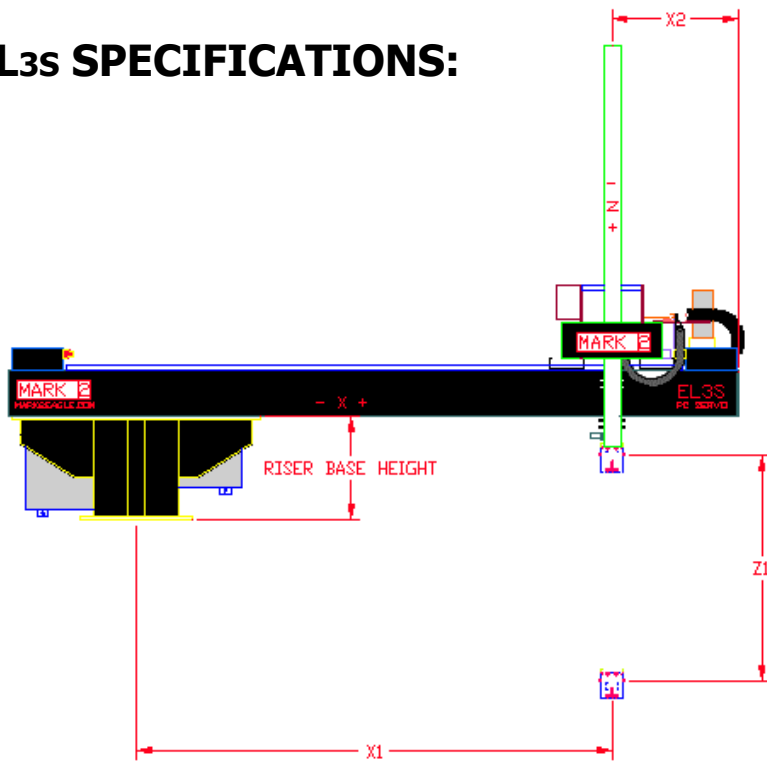


EL3s SPECIFICATIONS:



Specifications are Subject to Change without Notice

| | Description | 360EL3s | 400EL3s | 480EL3s | 600EL3s | 720EL3s | 840EL3s | 960EL3s | |
|-----------|---|--|---------|-------------|-------------|-------------|---------|---------|------|
| Z1 | Vertical Stroke Length (in) | 36 | 40 | 48 | 60 | 72 | 84 | 96 | |
| Z2 | Vertical Standby (in) <i>Same for Single and 2-Stage</i> | 15 | 17 | 17 | 20 | 30 | 30 | 40 | |
| Z3 | Single Stage Vertical | Max Speed (ft/sec) | 11.2 | 7.9 | 7.9 | - | - | - | - |
| | | Max Accel. (ft/sec ²) | 112 | 52.8 | 52.8 | - | - | - | - |
| | | Full Move (sec) | 0.34 | 0.60 | 0.65 | - | - | - | - |
| | | Height (in) | 66.0 | 72.5 | 80.0 | - | - | - | - |
| Z3 | 2-Stage LO / 2-Stage BC Vertical | Max Speed (ft/sec) | 10.6 | 11.2 | 11.2 | 11.2 | 7.5 | 7.5 | 6.0 |
| | | Max Accel. (ft/sec ²) | 53 | 62.7 | 62.7 | 38.3 | 33.0 | 33.0 | 25.0 |
| | | Full Move (sec) | 0.48 | 0.50 | 0.55 | 0.65 | 1.02 | 1.15 | 1.5 |
| | | Height - LO/BC (in) | 47 / 56 | 51.5 / 61.5 | 55.5 / 67.5 | 64.5 / 76.5 | 80.0 | 86.0 | 95.0 |
| X1 | Traverse | Max Speed (ft/sec) | 8.35 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.0 |
| | | Max Accel. (ft/sec ²) | 29.0 | 22.4 | 22.4 | 16.5 | 16.5 | 16.5 | 10.0 |
| | | Stroke Length (in) | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| | | Full Move (sec) | 0.8 | 1.2 | 1.3 | 1.6 | 1.7 | 1.9 | 2.5 |
| | | Full Move (sec) <i>w/ T-Beam Opt.</i> | 1.3 | 2.1 | 2.4 | 2.9 | 3.1 | 3.5 | 4.2 |
| X2 | Traverse Offset | 19 | 26.5 | 26.5 | 28 | 32.5 | 32.5 | 40 | |
| Y1 | Horizontal Carriage Length (in) | 34.5 | 44 | 51 | 57 | 68 | 80 | 94 | |
| Y2 | Horizontal Adjustment (in) | 6-24 | 10-34 | 10-42 | 10-48 | 12-60 | 12-72 | 16-84 | |
| Y3 | Horizontal | Max Speed (ft/sec) | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| | | Max Accel. (ft/sec ²) | 33.0 | 33.0 | 33.0 | 33.0 | 20.0 | 20.0 | 20.0 |
| | | Stroke Length (in) | 0-18 | 0-24 | 0-32 | 0-38 | 0-48 | 0-60 | 0-68 |
| | Payload Capacity | 15 | 20 | 25 | 35 | 50 | 60 | 110 | |
| | Accuracy | ± .004" | | | | | | | |
| | Air – Beam Mounted Regulator/Filter | Approx. 1 cu. ft./cycle, 70-100spi supply | | | | | | | |
| | Power – Fused Disconnect on Main Control Cabinet | 20 amp / 220vac / single phase | | | | | | | |
| | Interface – Per SPI Standard | SPI Plug, including 25 ft. interface cable | | | | | | | |