

## Datasheet of our (Baison) CNC milling capabilities

|                                  | <b>3-Axis with Trunnion</b> | <b>5-Axis High-Precision</b> | <b>3-Axis with Rotary</b>         |
|----------------------------------|-----------------------------|------------------------------|-----------------------------------|
| 3 Axis Work Envelope (in)        | 64" x 32" x 30" (X, Y, Z)   | N/A                          | 19.68" x 15.74" x 12.9" (X, Y, Z) |
| Max Part Weight (lb.)            | 2,000                       | N/A                          | 660                               |
| 5 Axis Work Envelope (in.)       | 19" x 18" (Dia, Length)     | 7.87" x 6.2" (Dia, Length)   | 11" x 14" (Dia, Length)           |
| Max Part Weight (lb.)            | 200                         | 33                           | 220                               |
| Spindle RPM (min <sup>-1</sup> ) | 12,000                      | 40,000                       | 10,000                            |
| Spindle Power (HP)               | 30 (Cont.)                  | 10 (Cont.)                   | 15, 5 (Peak, Cont.)               |
| Spindle Torque (ft-lb)           | 22.4 (Cont.)                | 1.3 (Cont.)                  | 39 (Peak)                         |
| Surface Finish Min (Ra)          | 12                          | <1                           | 2                                 |
| Accuracy (in.)                   | 0.0001                      | 0.00002                      | 0.0002                            |
| Repeatability (in.)              | 0.0001                      | 0.00002                      | 0.000078                          |