



### Side-By-Side Gear Tilt Welding Positioner Comparison

| Positioner Specifications   | 1PT-300  | 2PT-300  | T12PS-100  | T24PS-100  |
|-----------------------------|--|--|--|--|
| <b>Load Capacity</b>        | 3,000 lbs (0" at overhung load)<br>1,700 lbs (at 12" overhung load)                | 6,000 lbs (0" at overhung load)<br>4,570 lbs (at 12" overhung load)                | 12,000 lbs (0" at overhung load)   | 24,000 lbs (0" at overhung load)   |
| <b>Footprint</b>            | 64" x 48" x 35"  | 64" x 59" x 35"  | 89" x 60" x 59"  | 96" x 71" x 62"  |
| <b>Tilting Torque</b>       | 35,000 in-lbs  | 80,000 in-lbs  | 250,000 in-lbs   | 550,000 in-lbs   |
| <b>Tilting Speed</b>        | 0.1–0.9 RPM (135° in 25 seconds)   | 0.1–0.9 RPM (135° in 25 seconds)   | 0.05–1.00 RPM (135° in 23 seconds)   | 0.05-1.0 RPM (135° in 23 seconds)  |
| <b>Height Adjustability</b> | 29"–49" centre height adjustment in 5" increments (Taller Height Range Available*) | 30"–50" centre height adjustment in 5" increments (Taller Height Range Available*) | 48"–80" centre height adjustment in 4" increments (Taller Height Range Available*) | 50.5"–82" centre height adjustment in 4" increments (Taller Height Range Available*) |
| <b>Table Diameter</b>       | 26" (Available with 48" OD slotted faceplate)                                      | 32" (Available with 48" OD slotted faceplate)                                      | 48" (Available with 48" OD slotted faceplate)                                      | 60" (Available with 48" OD slotted faceplate)  |
| <b>Power Requirements</b>   | 110V, 1-ph   | 480V, 3-ph   | 480V, 3-ph   | 480V, 3-ph   |
| <b>Rotation Speed</b>       | 0.1 - 2.2 RPM  | 0.1 - 2.2 RPM  | 0.05 - 2.2 RPM (other speed options available)                                     | 0.05 - 2.2 RPM (other speed options available)                                       |
| <b>Turning Torque</b>       | 20,000 in-lbs  | 40,000 in-lbs  | 125,000 in-lbs   | 250,000 in-lbs   |
| <b>Ground Capacity</b>      | 800 Amps   | 800 Amps   | 1500 Amps  | 1500 Amps  |
| <b>Equipment Mass</b>       | 2,750 lbs*   | 3,750*   | 9,550 lbs*   | N/A  |