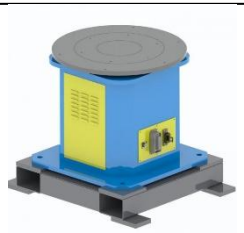
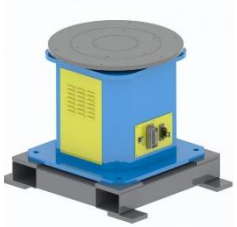
## Single Axis Horizontal Servo Positioner

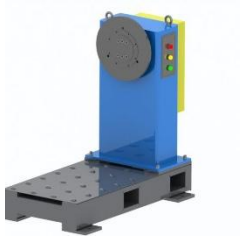
| Model | EVS-SWP-P-200 | EVS-SWP-P-500 |
|---|---|---|
| Photo |  |  |
| Axis Number | 1 | 1 |
| Payload | 200kg | 500kg |
| Repeat Positioning | ±0.08mm | ±0.10mm |
| Max Armspan | 300mm | 400mm |
| Maximum angle of gyration | ±360° | ±360° |
| Rated speed of gyration | 70°/S | 70°/S |
| Horizontal gyration disk size | φ600 | φ800 |
| Dimension (length×width×height) | 770mm×600mm×800 mm | 900mm×700mm×800m m |
| Height of gyration center | 800mm | 800mm |
| Power supply | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| Insulation grade | H | H |
| Self weight | 200kg | 400kg |

## Single Axis Head And Tail Stock Welding Positioner

| Item | EVS-SWP-ZW-500 | EVS-SWP-ZW-800 | EVS-SWP-ZW-1200 |
|---|---|---|---|
| Photo |  |  |  |
| Rated load | 500kg (within main axis radius R400mm) | 800kg (within main axis radius R400mm) | 1200kg (within main axis radius R750mm) |

| | | | |
|---|---|---|---|
| **Standard radius of gyration** | R600mm | R700mm | R900mm |
| **Maximum angle of gyration** | ±360° | ±360° | ±360° |
| **Rated speed of gyration** | 70°/S | 70°/S | 50°/S |
| **Repeated positioning accuracy** | ±0.10mm | ±0.12mm | ±0.15mm |
| **Gyration frame size (length×width×height)** | 2200mm×800mm×900mm | 3200mm×1000mm×1100mm | 4200mm×1200mm×1110mm |
| **Positioner dimension (length×width×height)** | 290mm×650mm×1100mm | 4200mm×850mm×1350mm | 5400mm×1000mm×1500mm |
| **Standard gyration plate** | φ360mm | φ400mm | φ450mm |
| **Height of gyration center** | 850mm | 800mm | 1100mm |
| **Power supply** | Three phase 200V ±10% 50Hz | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H | H |
| **Self weight** | about 500kg | about 1000kg | about 1600kg |

**Single Axis Spindle Servo Positioner**

| **Item** | EVS-SWP-Z-200 | EVS-SWP-Z-500 |
|---|---|---|
| **Photo** |  |  |
| **Rated load** | 200kg (within main axis radius R300mm, center of gravity ≤ 300mm from flange) | 500kg (within main axis radius R400mm, center of gravity ≤ 300mm from flange) |
| **Standard radius of gyration** | R600mm | R600mm |
| **Maximum angle of gyration** | ±360° | ±360° |
| **Rated speed of gyration** | 70°/S | 70°/S |
| **Repeated positioning accuracy** | ±0.08mm | ±0.10mm |
| **Main axis gyration disk size** | φ360mm | φ800 |

| | | |
|---|---|---|
| **Positioner dimension (length×width×height)** | 1050mm×620mm×1050mm | 1200mm×750mm×1200mm |
| **Height of gyration center** | 850mm | 900mm |
| **Power supply** | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H |
| **Self weight** | about 200kg | about 300kg |

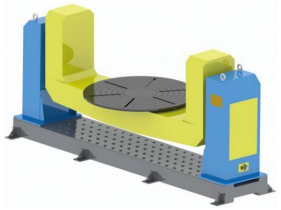
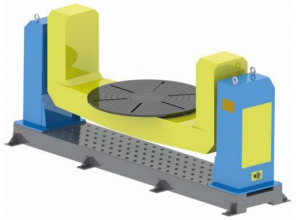
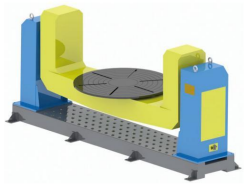
**C Type Two Aixs Welding Positioner**

| **Item** | EVS-DWP-C-200 | EVS-DWP-C-500 | EVS-DWP-C-1000 |
|---|---|---|---|
| **Photo** |  |  |  |
| **Rated load** | 200kg (within axis 2 radius R400mm) | 500kg (within axis 2 radius R400mm) | 1000kg (within axis 2 radius R600mm) |
| **Standard radius of gyration** | R400mm | R400mm | R600mm |
| **Gyration angle of axis 1** | ±180° | ±180° | ±180° |
| **Gyration angle of axis 2** | ±360° | ±360° | ±360° |
| **Rated gyration speed of axis 1** | 50°/S | 50°/S | 15°/S |
| **Rated gyration speed of axis 2** | 70°/S | 70°/S | 70°/S |
| **Repeated positioning accuracy** | ±0.10mm | ±0.15mm | ±0.20mm |
| **Dimension of the gyration frame(length×width×height)** | 1200mm×600mm×70mm | 1600mm×800mm×90mm | 2000mm×1200mm×90mm |
| **Positioner dimension (length×width×height)** | 2000mm×1100mm×1700mm | 2300mm×1200mm×1900mm | 2700mm×1500mm×2200mm |
| **Height of axis 1 gyration center** | 1200mm | 1350mm | 1600mm |
| **Power supply** | Three phase 200V ±10% 50Hz(with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H | H |
| **Self weight** | about 800kg | about 1300kg | about 2000kg |

## L Type Two Aixs Welding Positioner

| Item | EVS-DWP-L-500 | EVS-DWP-L-1000 | EVS-DWP-L-2000 |
|---|---|---|---|
| Photo |  |  |  |
| Rated load | 500kg (within axis 2 radius R400mm) | 1000kg (within axis 2 radius R600mm) | 2000kg (within axis 2 radius R800mm) |
| Standard radius of gyration | R400mm | R600mm | R800mm |
| Gyration angle of axis 1 | ±180° | ±180° | ±180° |
| Gyration angle of axis 2 | ±360° | ±360° | ±360° |
| Rated gyration speed of axis 1 | 50°/S | 50°/S | 17°/S |
| Rated gyration speed of axis 2 | 70°/S | 70°/S | 17°/S |
| Repeated positioning accuracy | ±0.10mm | ±0.10mm | ±0.20mm |
| Positioner dimension (length×width×height) | 1500mm×500mm×850mm | 2000mm×750mm×1200mm | 2400mm×900mm×1600mm |
| Standard axis 2 gyration disk | φ800mm | φ1200mm | φ1500mm |
| Height of axis 1 gyration center | 550mm | 800mm | 1000mm |
| Power supply | Three phase 200V ±10% 50Hz(with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| Insulation grade | H | H | H |
| Self weight | about 900kg | about 1600kg | about 2500kg |

## U Type Two Aixs Welding Positioner

| Item | EVS-DWP-U-1000 | EVS-DWP-U-3000 | EVS-DWP-U-5000 |
|---|---|---|---|
| Photo |  |  |  |
| Rated load | 1000kg (within axis 2 radius R600mm) | 3000kg (within axis 2 radius R1500mm) | 5000kg (within axis 2 radius R2000mm) |
| Standard radius of gyration | R600mm | R1500mm | R2000mm |
| Gyration angle of axis 1 | ±180° | ±180° | ±180° |
| Gyration angle of axis 2 | ±360° | ±360° | ±360° |
| Rated gyration speed of axis 1 | 17°/S | 17°/S | 17°/S |
| Rated gyration speed of axis 2 | 24°/S | 17°/S | 24°/S |
| Repeated positioning accuracy | ±0.15mm | ±0.20mm | ±0.25mm |
| Positioner dimension (length×width×height) | 4200mm×700mm×1800mm | 5500mm×900mm×2200mm | 6500mm×1200mm×2600mm |
| Standard axis 2 gyration disk | φ1500mm | φ1800mm | φ2000mm |
| Height of axis 1 gyration center | 1500mm | 1750mm | 2200mm |
| Power supply | Three phase 200V ±10% 50Hz(with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| Insulation grade | H | H | H |
| Self weight | about 2200kg | about 4000kg | about 6000kg |

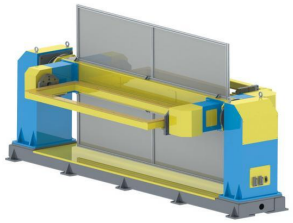
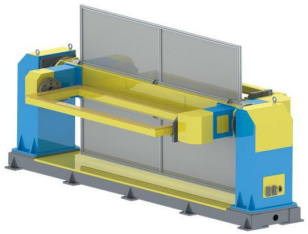
## Platform Two Aixs Servo Positioner

| Item | EVS-DWP-P-200 | EVS-DWP-P-500 | EVS-DWP-P-1000 |
|---|---|---|---|

| Photo |  |  |  |
|---|---|---|---|
| **Rated load** | 200kg (within axis 2 radius R300mm) | 500kg (within axis 2 radius R300mm) | 1000kg (within axis 2 radius R500mm) |
| **Standard radius of gyration** | R400mm | R400mm | R600mm |
| **Gyration angle of axis 1** | ±90° | ±90° | ±90° |
| **Gyration angle of axis 2** | ±360° | ±360° | ±360° |
| **Rated gyration speed of axis 1** | 70°/S | 50°/S | 15°/S |
| **Rated gyration speed of axis 2** | 70°/S | 70°/S | 24°/S |
| **Repeated positioning accuracy** | ±0.10mm | ±0.12mm | ±0.20mm |
| **Positioner dimension (length×width×height)** | 1000mm×550mm×600mm | 1200mm×600mm×750mm | 1500mm×750mm×900mm |
| **Standard axis 2 gyration disk size** | φ500mm | φ500mm | φ800mm |
| **Height of axis 1 gyration center** | 500mm | 550mm | 750mm |
| **Power supply** | Three phase 200V ±10% 50Hz(with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H | H |
| **Self weight** | about 300kg | about 500kg | about 1000kg |

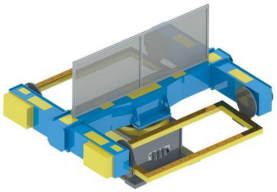
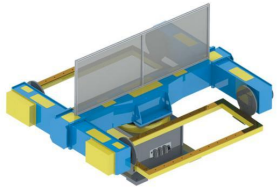
**Vertical Gyration Three Axis Servo Positioner**

| Item | EVS-TWP-C-1000 | EVS-TWP-C-500 |
|---|---|---|

| Photo |  |  |
|---|---|---|
| **Rated load** | 1000kg (within axis 2 radius R400mm) | 500kg (within main axis radius R400mm) |
| **Standard gyration radius of main axis** | R1500mm | R1200mm |
| **Standard gyration radius of auxiliary axis** | R500mm | R400mm |
| **Gyration angle of axis 1** | ±180° | ±180° |
| **Gyration angle of axis 2** | ±360° | ±360° |
| **Rated gyration speed of axis 1** | 24°/S | 50°/S |
| **Rated gyration speed of axis 2** | 70°/S | 70°/S |
| **Repeated positioning accuracy** | ±0.20mm | ±0.10mm |
| **Dimension of the gyration frame (length×width×height)** | 3200mm×1000mm×110mm | 2200mm×800mm×90mm |
| **Positioner dimension (length×width×height)** | 5200mm×1000mm×1850mm | 4000mm×700mm×1650mm |
| **Height of axis 1 gyration center** | 1500mm | 1350mm |
| **Power supply** | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H |
| **Self weight** | about 3000kg | about 1800kg |

**Horizontal Gyration Three Axis Servo Positioner**

| Item | EVS-TWP-S-1000 | EVS-TWP-S-500 |
|---|---|---|

| Photo |  |  |
|---|---|---|
| **Rated load** | 1000kg (within axis 2 radius R500mm) | 500kg (within axis 2 radius R400mm) |
| **Standard gyration radius of main axis** | R1800mm | R1200mm |
| **Standard gyration radius of auxiliary axis** | R500mm | R400mm |
| **Gyration angle of axis 1** | ±180° | ±180° |
| **Gyration angle of axis 2** | ±360° | ±360° |
| **Rated gyration speed of axis 1** | 24°/S | 50°/S |
| **Rated gyration speed of axis 2** | 70°/S | 70°/S |
| **Repeated positioning accuracy** | ±0.20mm | ±0.10mm |
| **Dimension of the gyration frame (length×width×height)** | 3200mm×1000mm×110mm | 2200mm×800mm×90mm |
| **Positioner dimension (length×width×height)** | 4500mm×3600mm×1750mm | 4000mm×700mm×1650mm |
| **Height of axis 1 gyration center** | 1000mm | 800mm |
| **Power supply** | Three phase 200V ±10% 50Hz (with isolation transformer) | Three phase 200V ±10% 50Hz (with isolation transformer) |
| **Insulation grade** | H | H |
| **Self weight** | about 3000kg | about 2000kg |