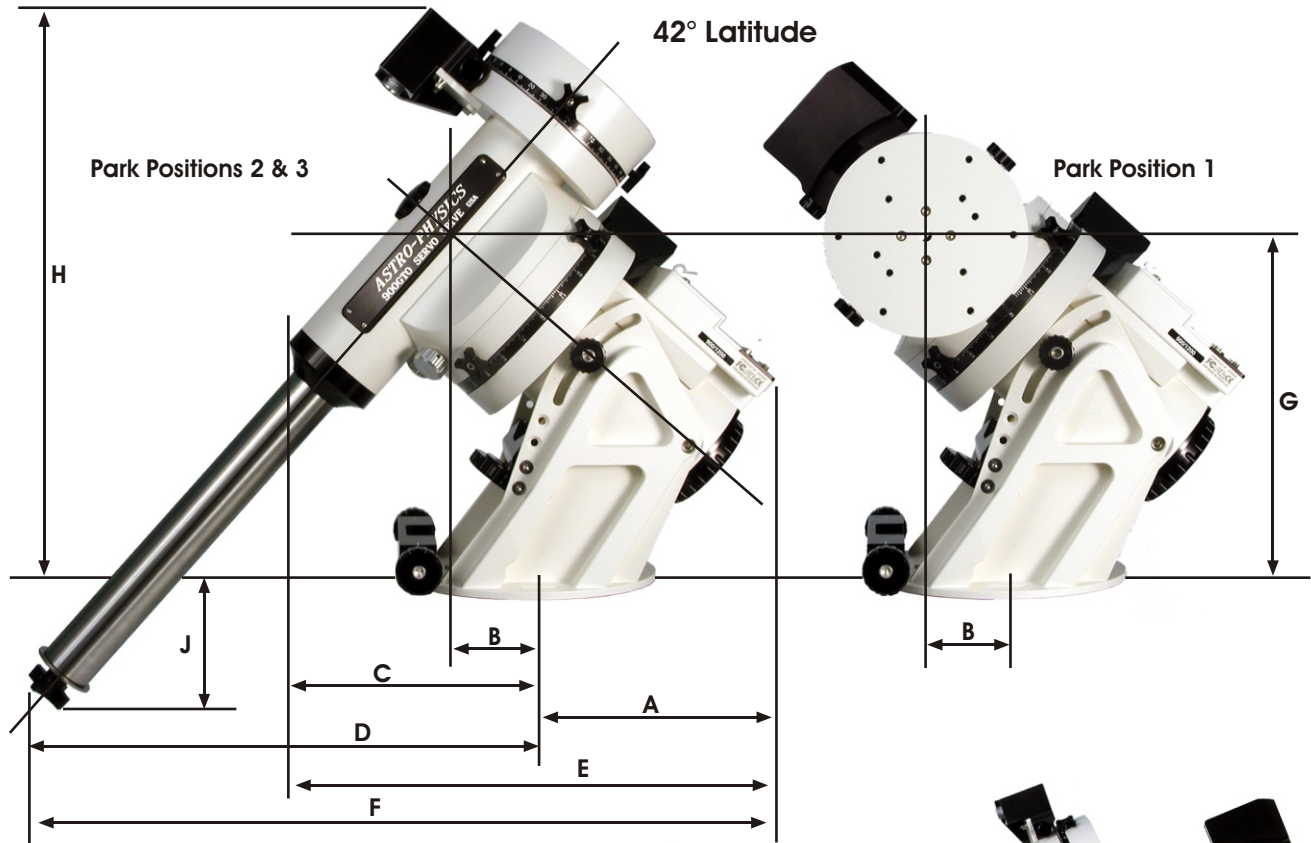


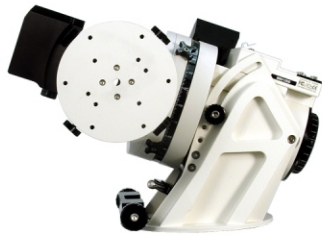
ASTRO-PHYSICS 900GTO

GERMAN EQUATORIAL MOUNT

10/04/05



20° Latitude



68° Latitude

ASTRO-PHYSICS 900GTO

Relevant Dimensions for Observatory Planning at Different Latitudes

| Dim. | From: | To: | 20° | 42° | 68° |
|------------------------------|----------------------------|----------------------------|----------|---------|---------|
| Horizontal dimensions | | | | | |
| A | Center of Baseplate | Back of Mount | 6 7/8" | 8" | 8 3/4" |
| B | Center of Baseplate | Center of Dec. Axis | 4 3/4" | 2 1/2" | -1" |
| C | Center of Baseplate | Front of Mount | 8 7/8" | 8 1/2" | 5 7/8" |
| D | Center of Baseplate | End of Counterweight Shaft | 12 5/8" | 17 1/8" | 18 3/4" |
| E | Front of Mount | Back of Mount | 15 3/4" | 16 1/2" | 14 5/8" |
| F | End of Counterweight Shaft | Back of Mount | 19 5/8" | 25 1/8" | 27 1/2" |
| Vertical Dimensions | | | | | |
| G | Bottom of Baseplate | Center of Dec. Axis | 8 1/4" | 11 3/4" | 14 3/8" |
| H | Bottom of Baseplate | Top of Mount | 15 7/8" | 19 3/4" | 21 3/4" |
| J | Bottom of Baseplate | End of Counterweight Shaft | -11 7/8" | -4 1/4" | 6" |

The illustrations and accompanying table show the variations in certain important dimensions due to different latitude settings for the 900GTO.

These measurements may be useful for determining clearances when designing an observatory or deciding on an appropriate pier height.

The 900's latitude range is from 20° to 68°. The main image shows a mid-latitude setting of 42° (the latitude at ASTRO-PHYSICS). The smaller images show the mount set at 20° and 68° for comparison.

Horizontal dimensions will be the same for all 900 mounts. For mounts with older style fork assemblies, subtract 7/8" from the vertical dimensions.