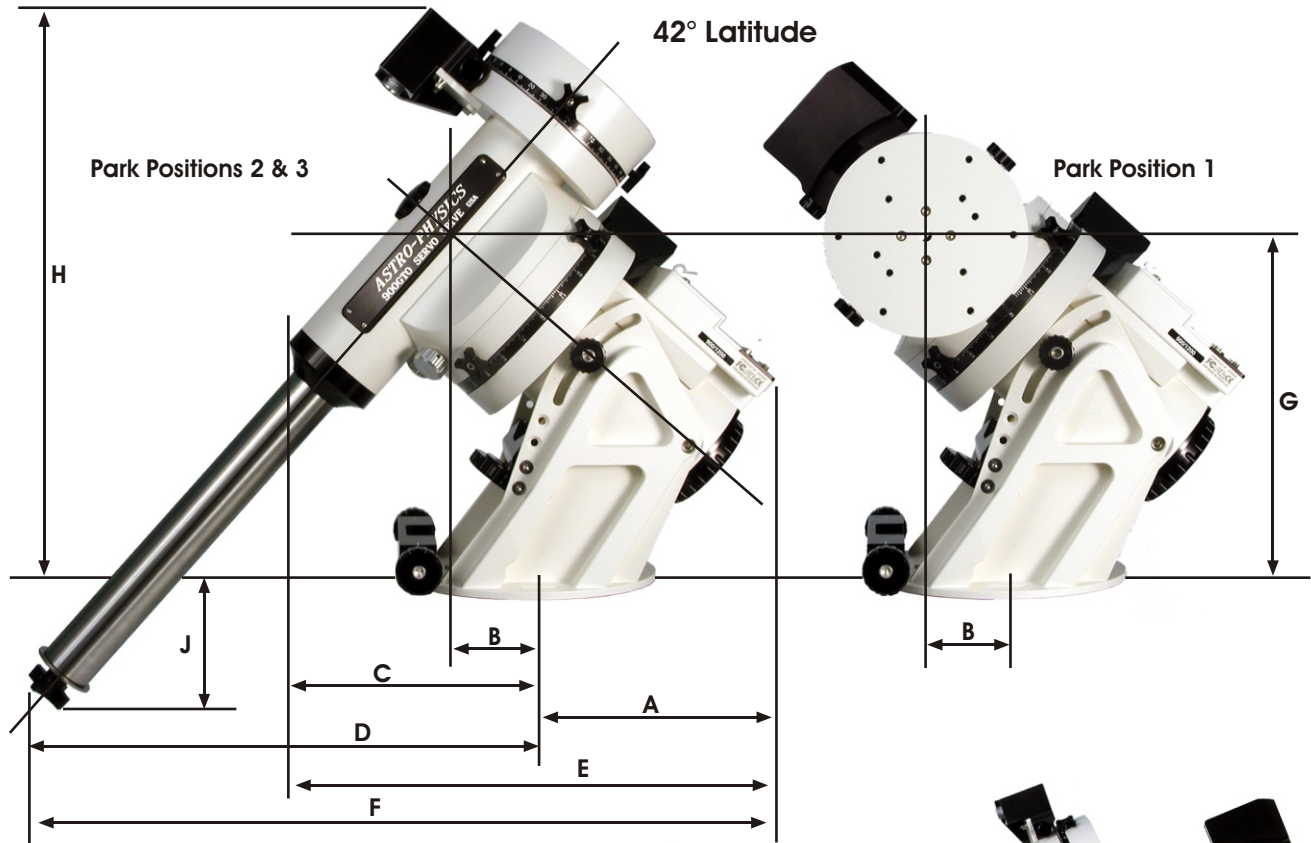


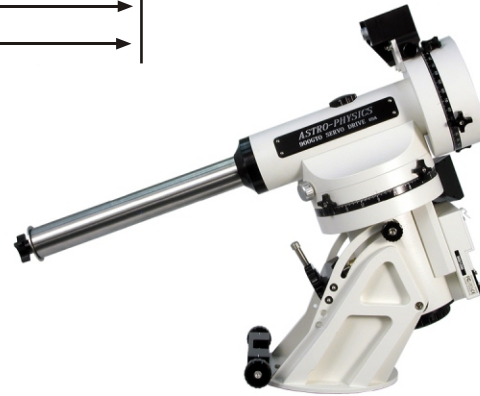
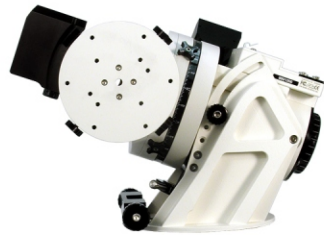
ASTRO-PHYSICS 900GTO

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.