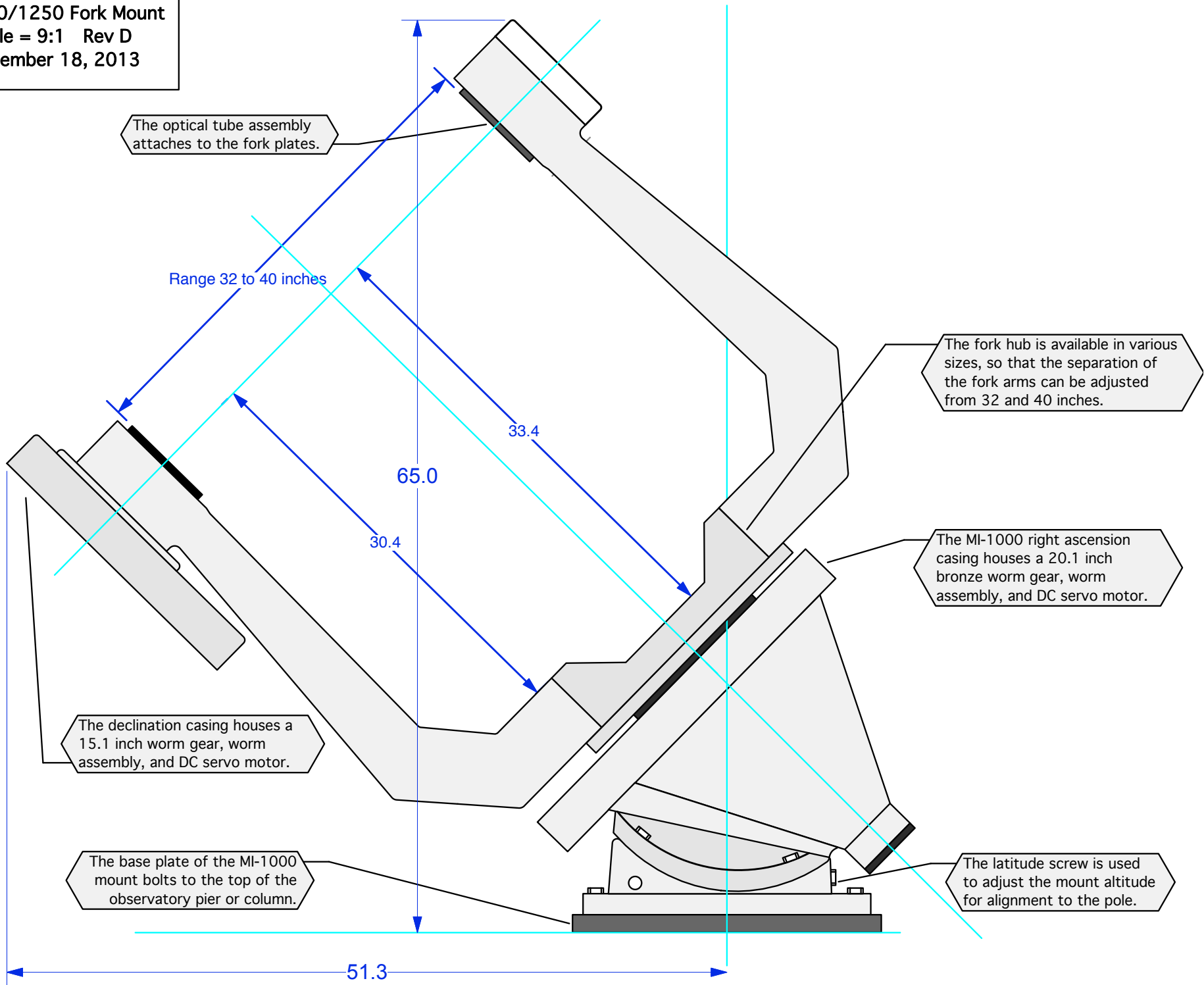


Mathis Instruments
MI-1000/1250 Fork Mount
Scale = 9:1 Rev D
September 18, 2013



The optical tube assembly attaches to the fork plates.

Range 32 to 40 inches

The fork hub is available in various sizes, so that the separation of the fork arms can be adjusted from 32 and 40 inches.

The MI-1000 right ascension casing houses a 20.1 inch bronze worm gear, worm assembly, and DC servo motor.

The declination casing houses a 15.1 inch worm gear, worm assembly, and DC servo motor.

The base plate of the MI-1000 mount bolts to the top of the observatory pier or column.

The latitude screw is used to adjust the mount altitude for alignment to the pole.