



Drive shaft for billboard and banner printing application.

The customer manufactures their own equipment to print large, single-piece billboards and banners up to 63 feet long. The drive shaft measures 24" diameter at the rings x 295" face length x 314" overall length.

Three separate large sleeves are fastened to the rings on the drive shaft using spokes similar to a bicycle wheel. Each ring has a pattern of 18 holes that are critically spaced and concentric to within .005". Each ring hole pattern is precision aligned to each other within .005" over the full length. To ease assembly, each hole is labeled with its own designation that is etched into each ring.

After full assembly, the canvas or paper is wrapped around the sleeves. The printing is done directly onto the material similar to an inkjet type printer.