ABSTRACT

A bending apparatus (10) for coiled tubing protects the entire path of coiled tubing from the reel to the injector, while still protecting a main controlled bend from the reel to the injector. The bending apparatus includes a conduit (20) and a table mount (80). The conduit (20) includes a bend portion (30) and a flexible portion (60). The main controlled bend is isolated in the bend portion (30), while a smaller adjustment bend is designed for the flexible portion (60). The changes in the upright angle from dispensing coiled tubing from different levels of the reel no longer cause damage. The changes in the lateral angle from dispensing coiled tubing from both sides of the reel no longer cause damage. A table mount (80) can also be added to allow more adjustment for changes in the lateral angle.