3. The method of claim 1 further comprising after gripping the pipe stand with the upper grabber and the lower grabber and before moving the pipe stand until it is aligned with a rack slot:

    lifting the pipe stand vertically.

4. The method of claim 1, wherein the upper and lower grabbers are coupled to a pipe handling apparatus column.

5. The method of claim 4, wherein the step of moving the pipe stand until it is aligned with a rack slot comprises rotating the pipe handling apparatus column.

6. The method of claim 4, wherein the step of moving the pipe stand until it is aligned with a rack slot comprises moving the pipe handling apparatus column in a direction horizontal and perpendicular to the fingers (X direction).

7. The method of claim 6, wherein the step of extending the upper and lower grabbers to position the pipe stand in the rack slot comprises extending the upper and lower grabbers in a direction horizontal and parallel to the fingers (Y direction).

8. The method of claim 7, wherein the step of extending the upper and lower grabbers to position the pipe stand in the rack slot comprises maintaining the pipe stand in a generally vertical orientation.

9. The method of claim 7, wherein the step of tilting the pipe stand in the first direction comprises tilting the pipe stand in the X direction.